

## BRISTOL DISTRICT

## BRISTOL DISTRICT

| App # | Project Name                                                | District Rank | State Rank | Smart Score | Page # |
|-------|-------------------------------------------------------------|---------------|------------|-------------|--------|
| 1731  | US 11 at SR 16 Intersection Improvements                    | 1             | 89         | 8.5         | 01-42  |
| 1620  | Intersection Improvements to US 11 at Old Airport Road      | 2             | 131        | 5.4         | 01-22  |
| 1645  | US 11 at Railroad Drive Intersection Improvements           | 3             | 143        | 4.3         | 01-28  |
| 1646  | US 11 at SR 107 Intersection Improvements (No Radius)       | 4             | 147        | 3.9         | 01-29  |
| 1644  | I-81 Exit 35 (State Route 107) Interchange Modifications    | 5             | 153        | 3.7         | 01-27  |
| 1647  | US 11 at SR 107 Intersection Improvements (with Radius)     | 6             | 180        | 3.0         | 01-30  |
| 1689  | Gilley Avenue Corridor Safety Improvements                  | 7             | 193        | 2.6         | 01-37  |
| 1712  | US 11/19 at SR 140 (Jonesboro Rd) Intersection Improvements | 8             | 231        | 2.0         | 01-41  |
| 1633  | US 11 at US 19 Intersection Improvements                    | 9             | 239        | 1.7         | 01-23  |
| 1441  | State Route 746 Extension to College Avenue                 | 10            | 249        | 1.6         | 01-07  |
| 1603  | US 11 Widening Phase 3 Alexis to Old Airport Road           | 11            | 284        | 1.0         | 01-18  |
| 1587  | US58 at Tacoma Mountain Realignment                         | 12            | 286        | 1.0         | 01-09  |
| 1635  | US 58 ALT/US 19 Access Management Improvements              | 13            | 288        | 0.9         | 01-24  |
| 1591  | Route 58 Truck Climbing Lane Phase II                       | 14            | 293        | 0.9         | 01-13  |
| 1638  | Market St and East Riverside Dr Intersection Improvements   | 15            | 304        | 0.8         | 01-26  |
| 1686  | Widen US 11 between US 58 to Enterprise Rd (SR 704)         | 16            | 310        | 0.7         | 01-35  |
| 1704  | Route 80 Project 3                                          | 17            | 312        | 0.7         | 01-40  |
| 1607  | US Route 52 Intersection Safety Enhancements                | 18            | 321        | 0.6         | 01-20  |
| 1100  | Route 83 Shoulder Improvements - Segment 2                  | 19            | 326        | 0.6         | 01-02  |
| 1602  | Widen US 11 between Hillman Hwy and Empire Dr               | 20            | 328        | 0.6         | 01-17  |
| 1590  | Route 58 Climbing Lane (Complete)                           | 21            | 334        | 0.5         | 01-12  |
| 1574  | I77 Exit 41 Interchange Modifications                       | 22            | 345        | 0.4         | 01-08  |
| 1596  | French Moore Jr. Boulevard Extension                        | 23            | 348        | 0.4         | 01-16  |
| 1594  | US421 Intersection Improvements                             | 24            | 354        | 0.3         | 01-15  |
| 1099  | Route 83 Shoulder Improvements - Segment 1                  | 25            | 357        | 0.3         | 01-01  |
| 1413  | US 460 at US 19 Claypool Hill Intersection Improvements     | 26            | 358        | 0.3         | 01-06  |
| 1151  | US Route 23 Business (Norton Road) Reconstruction - Phase 2 | 27            | 360        | 0.3         | 01-04  |
| 1677  | Moccasin Gap Bypass                                         | 28            | 361        | 0.3         | 01-33  |
| 1637  | Widen US 11 between Highlands Shopping Center to BVU        | 29            | 366        | 0.3         | 01-25  |
| 1606  | Coalfields Expressway (Rte 121) - Doe Branch                | 30            | 370        | 0.3         | 01-19  |
| 1107  | US 460 at Garden Creek Rd Safety Improvements               | 31            | 373        | 0.2         | 01-03  |
| 1685  | Innovation Highway                                          | 32            | 377        | 0.2         | 01-34  |
| 1687  | Widen US 11 between BVU to Exit 13                          | 33            | 379        | 0.2         | 01-36  |

## BRISTOL DISTRICT

| App # | Project Name                                                 | District Rank | State Rank | Smart Score | Page # |
|-------|--------------------------------------------------------------|---------------|------------|-------------|--------|
| 1692  | US 58 ALTbetween Shawnee Ave to 5th Street Access Management | 34            | 383        | 0.2         | 01-38  |
| 1649  | Widen US 11 between Exit 13 to Abingdon Town Limits          | 35            | 387        | 0.1         | 01-31  |
| 1589  | Route 58 Climbing Lane (Partial)                             | 36            | 389        | 0.1         | 01-11  |
| 1616  | Coalfields Expressway Rte 121/460 Poplar Creek Phase B       | 37            | 390        | 0.1         | 01-21  |
| 1588  | Central High School Road                                     | 38            | 395        | 0           | 01-10  |
| 1703  | Route 80 Project 2                                           | 39            | 396        | 0           | 01-39  |
| 1673  | Route 80 Project 1                                           | 40            | 397        | 0           | 01-32  |
| 1593  | US421 Roadway Enhancements                                   | 41            | 398        | 0           | 01-14  |
| 1340  | Progress Park Connector Road                                 | 42            | 403        | 0           | 01-05  |

# PROJECT SCORECARD

For more information on how to read a scorecard, click here.

Route 83 Shoulder Improvements - Segment 1

App Id: 1099

From the intersection of Rt. 460 west on Rt. 83 approximately 1.68 miles. Approximate starting STA 1.68 to STA 2.22 being 0.55 miles.

Project Location..... Buchanan County  
SMART SCALE Area Type..... D  
Submitting Entity..... Buchanan County  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... Locality  
Eligible Funding Program(s)..... District Grant  
VTrans Need..... Safety: PSI Data and Geometric Issue  
( Click for details )



**0.3**

SMART SCALE  
SCORE

**#357** OF 404 STATEWIDE

**#25** OF 42 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$23,881,000**

Total Project Cost..... **\$23,881,000**

Project Benefit..... **0.8**

Project Benefit / Total Cost..... **0.3**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 0.0<br>persons                            | 0.0<br>person hrs.             | 4.9<br>EPDO                           | 614.9<br>EPDO / 100M VMT                 | 0.1<br>jobs per resident   | 0.1<br>jobs per resident                                 | 0.0<br>adjusted users                           | 0.0<br>thousand adj sq. ft.                                | 0.0<br>thousand adj daily tons | 252,775.3<br>adj. buffer time index    | 0.0<br>adjusted points           | 0.7<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.0                                       | 0.0                            | 1.5                                   | 3.2                                      | 0.0                        | 0.0                                                      | 0.0                                             | 0.0                                                        | 0.0                            | 0.0                                    | 0.0                              | 1.4                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.0                                       |                                | 2.3                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.7                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 10%                                       |                                | 30%                                   |                                          | 15%                        |                                                          |                                                 | 35%                                                        |                                |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.7                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.1                              |                                                          |                                                      |
| Project Benefit                                                | 0.8                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$23,881,000                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 0.3                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |



# PROJECT SCORECARD

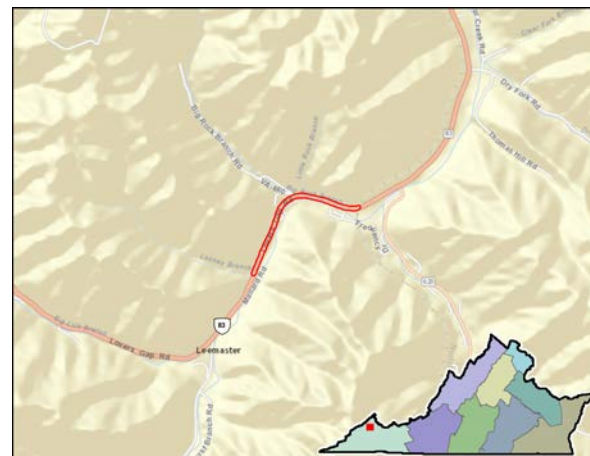
For more information on how to read a scorecard, click [here](#).

Route 83 Shoulder Improvements - Segment 2

App Id: 1100

From the intersection of Rt. 460 west on Rt. 83 approximately 1.13 miles to railroad trestle. Approximate starting STA 1.13 to STA 1.68 being 0.55 miles.

Project Location..... Buchanan County  
SMART SCALE Area Type..... D  
Submitting Entity..... Buchanan County  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... Locality  
Eligible Funding Program(s)..... District Grant  
VTrans Need..... Safety: PSI Data and Geometric Issue  
( [Click for details](#) )



**0.6**

SMART SCALE  
SCORE

**#326** OF 404 STATEWIDE

**#19** OF 42 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$15,564,000**

Total Project Cost..... **\$15,564,000**

Project Benefit..... **0.9**

Project Benefit / Total Cost..... **0.6**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 0.0<br>persons                            | 0.0<br>person hrs.             | 6.7<br>EPDO                           | 698.3<br>EPDO / 100M VMT                 | 0.1<br>jobs per resident   | 0.1<br>jobs per resident                                 | 0.0<br>adjusted users                           | 0.0<br>thousand adj sq. ft.                                | 0.0<br>thousand adj daily tons | 361,856.4<br>adj. buffer time index    | 0.0<br>adjusted points           | 0.8<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.0                                       | 0.0                            | 2.0                                   | 3.6                                      | 0.0                        | 0.0                                                      | 0.0                                             | 0.0                                                        | 0.0                            | 0.0                                    | 0.0                              | 1.6                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.0                                       |                                | 2.8                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.8                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 10%                                       |                                | 30%                                   |                                          | 15%                        |                                                          |                                                 | 35%                                                        |                                |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.8                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.1                              |                                                          |                                                      |
| Project Benefit                                                | 0.9                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$15,564,000                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 0.6                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

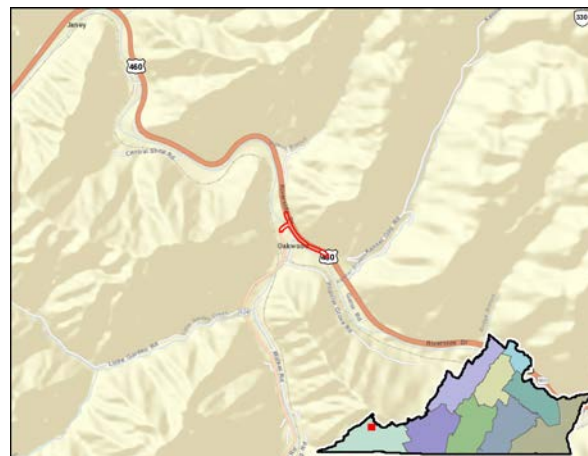
For more information on how to read a scorecard, click [here](#).

US 460 at Garden Creek Rd Safety Improvements

App Id: 1107

Modifications to east and west bound lanes of Route 460 being east intersection with Route 624. Alterations to extend 0.2 miles of Route 460.

Project Location..... Buchanan County  
SMART SCALE Area Type..... D  
Submitting Entity..... Buchanan County  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... Locality  
Eligible Funding Program(s)..... Both  
VTrans Need..... Heartland Corridor CoSS  
( Click for details )



**0.2**

SMART SCALE  
SCORE

**#373** OF 404 STATEWIDE

**#31** OF 42 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$8,363,000**

Total Project Cost..... **\$8,363,000**

Project Benefit..... **0.2**

Project Benefit / Total Cost..... **0.2**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 0.0<br>persons                            | 0.0<br>person hrs.             | 1.2<br>EPDO                           | 157.2<br>EPDO / 100M VMT                 | 0.0<br>jobs per resident   | 0.0<br>jobs per resident                                 | 0.0<br>adjusted users                           | 0.0<br>thousand adj sq. ft.                                | 0.0<br>thousand adj daily tons | 0.0<br>adj. buffer time index          | 0.0<br>adjusted points           | 0.2<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.0                                       | 0.0                            | 0.4                                   | 0.8                                      | 0.0                        | 0.0                                                      | 0.0                                             | 0.0                                                        | 0.0                            | 0.0                                    | 0.0                              | 0.3                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.0                                       |                                | 0.6                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.2                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 10%                                       |                                | 30%                                   |                                          | 15%                        |                                                          |                                                 | 35%                                                        |                                |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.2                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.0                              |                                                          |                                                      |
| Project Benefit                                                | 0.2                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$8,363,000                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 0.2                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

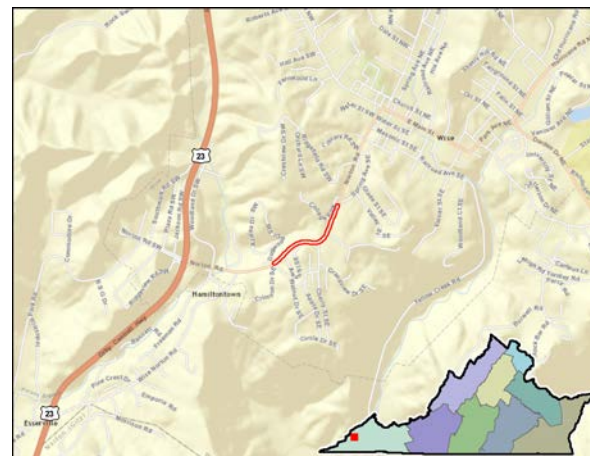
For more information on how to read a scorecard, click [here](#).

US Route 23 Business (Norton Road) Reconstruction - Phase 2

App Id: 1151

This project improves safety by providing 4 travel lanes, a continuous center turn lane, bicycle and pedestrian accommodations; and provides opportunity for economic development by providing access to vacant property in a designated growth area.

Project Location..... Wise  
SMART SCALE Area Type..... D  
Submitting Entity..... Wise Town  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... District Grant  
VTrans Need..... Town of Wise UDA  
( Click for details )



**0.3**

SMART SCALE  
SCORE

**#360** OF 404 STATEWIDE

**#27** OF 42 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$11,006,000**

Total Project Cost..... **\$11,006,000**

Project Benefit..... **0.3**

Project Benefit / Total Cost..... **0.3**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                    |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted             | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 9.0<br>persons                            | 0.4<br>person hrs.             | 3.3<br>EPDO                           | 163.0<br>EPDO / 100M VMT                 | 0.5<br>jobs per resident   | 0.6<br>jobs per resident                                 | 13.5<br>adjusted users                          | 0.0<br>thousand adj sq. ft.                                | 2,496.2<br>thousand adj daily tons | 951,712.4<br>adj. buffer time index    | 17.9<br>adjusted points          | 0.3<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.1                                       | 0.0                            | 1.0                                   | 0.8                                      | 0.0                        | 0.0                                                      | 0.1                                             | 0.0                                                        | 0.1                                | 0.1                                    | 0.1                              | 0.6                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.0                                       |                                | 0.9                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                    |                                        | 0.3                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 10%                                       |                                | 30%                                   |                                          | 15%                        |                                                          |                                                 | 35%                                                        |                                    |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.3                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                    |                                        | 0.0                              |                                                          |                                                      |
| Project Benefit                                                | 0.3                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$11,006,000                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 0.3                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

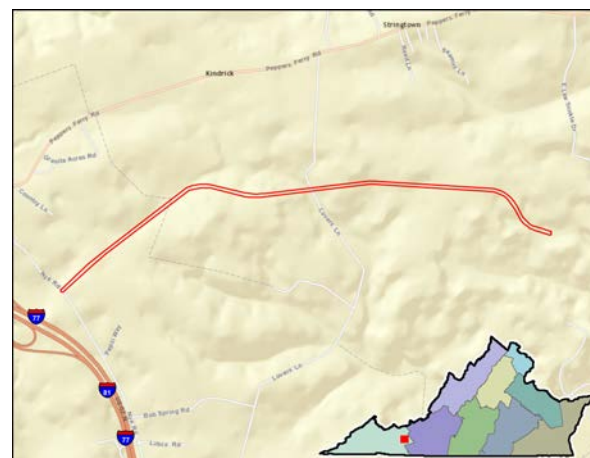
For more information on how to read a scorecard, click [here](#).

Progress Park Connector Road

App Id: 1340

2.26 mile connector road from 1210 acre Progress Park to Nye Road. Starting near the 232 acre (165 acres graded) rail served mega-site, the new road, providing safe, efficient access, will run west to Nye Road which provides access to I-77 & I-81.

Project Location..... Multiple  
SMART SCALE Area Type..... D  
Submitting Entity..... Wythe County  
Preliminary Engineering..... Underway  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... Both  
VTrans Need..... West Mountain Corridor CoSS  
( Click for details )



**0.0**

SMART SCALE  
SCORE

**#403** OF 404 STATEWIDE

**#42** OF 42 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$17,722,000**

Total Project Cost..... **\$20,049,000**

Project Benefit..... **0.0**

Project Benefit / Total Cost..... **0.0**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 0.0<br>persons                            | 0.0<br>person hrs.             | 0.0<br>EPDO                           | 0.0<br>EPDO / 100M VMT                   | 0.0<br>jobs per resident   | 0.0<br>jobs per resident                                 | 0.0<br>adjusted users                           | 0.0<br>thousand adj sq. ft.                                | 0.0<br>thousand adj daily tons | 0.0<br>adj. buffer time index          | 0.0<br>adjusted points           | 0.0<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.0                                       | 0.0                            | 0.0                                   | 0.0                                      | 0.0                        | 0.0                                                      | 0.0                                             | 0.0                                                        | 0.0                            | 0.0                                    | 0.0                              | 0.0                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.0                                       |                                | 0.0                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.0                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 10%                                       |                                | 30%                                   |                                          | 15%                        |                                                          |                                                 | 35%                                                        |                                |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.0                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.0                              |                                                          |                                                      |
| Project Benefit                                                | 0.0                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$17,722,000                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 0.0                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |



# PROJECT SCORECARD

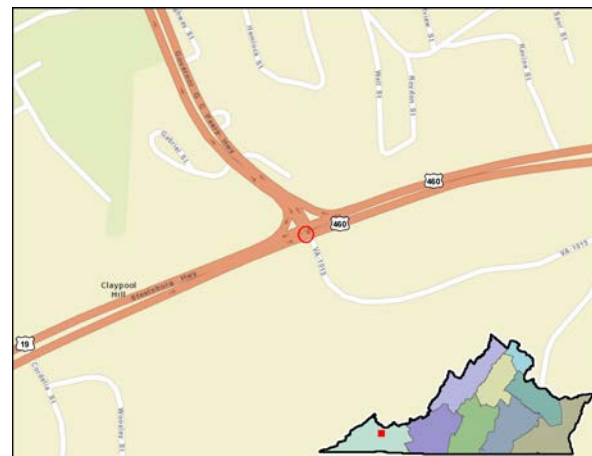
For more information on how to read a scorecard, click [here](#).

US 460 at US 19 Claypool Hill Intersection Improvements

App Id: 1413

This project would modify the existing intersection to solve congestion and safety issues along US Route 460 westbound, as well as US Route 460 eastbound at the intersection with US Route 19 in Claypool Hill, Virginia.

Project Location..... Tazewell County  
 SMART SCALE Area Type..... D  
 Submitting Entity..... Tazewell County  
 Preliminary Engineering..... Not Started  
 Right of Way..... Not Started  
 Construction..... Not Started  
 Expenditures to Date..... N/A  
 Key Fund Sources..... N/A  
 Administered By..... VDOT  
 Eligible Funding Program(s)..... Both  
 VTrans Need..... Heartland Corridor CoSs  
 ( Click for details )



**0.3**

SMART SCALE  
SCORE

**#358** OF 404 STATEWIDE

**#26** OF 42 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$6,156,000**

Total Project Cost..... **\$6,156,000**

Project Benefit..... **0.2**

Project Benefit / Total Cost..... **0.3**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                     |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|-------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted              | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 0.0<br>persons                            | 43.6<br>person hrs.            | 0.3<br>EPDO                           | 24.6<br>EPDO / 100M VMT                  | 0.0<br>jobs per resident   | 0.0<br>jobs per resident                                 | 0.0<br>adjusted users                           | 0.0<br>thousand adj sq. ft.                                | 18,544.5<br>thousand adj daily tons | 604,479.8<br>adj. buffer time index    | 0.0<br>adjusted points           | 0.2<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.0                                       | 1.3                            | 0.1                                   | 0.1                                      | 0.0                        | 0.0                                                      | 0.0                                             | 0.0                                                        | 1.1                                 | 0.0                                    | 0.0                              | 0.4                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                 | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.7                                       |                                | 0.1                                   |                                          | 0.0                        |                                                          |                                                 | 0.2                                                        |                                     |                                        | 0.2                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 10%                                       |                                | 30%                                   |                                          | 15%                        |                                                          |                                                 | 35%                                                        |                                     |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.1                                       |                                | 0.0                                   |                                          | 0.0                        |                                                          |                                                 | 0.1                                                        |                                     |                                        | 0.0                              |                                                          |                                                      |
| Project Benefit                                                | 0.2                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$6,156,000                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 0.3                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

For more information on how to read a scorecard, click [here](#).

State Route 746 Extension to College Avenue

App Id: 1441

Construction of a new two-lane roadway that will extend State Route 746 a length of approximately 0.13 miles. This improvement will help address safety, reliability and congestion issues from three areas: College Avenue, Leatherwood Lane and US 460.

Project Location..... Bluefield  
SMART SCALE Area Type..... D  
Submitting Entity..... Bluefield Town  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... District Grant  
VTrans Need..... Safety: PSI Data and Operation Issue  
( [Click for details](#) )



**1.6**

SMART SCALE  
SCORE

**#249** OF 404 STATEWIDE

**#10** OF 42 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$3,941,490**

Total Project Cost..... **\$3,941,490**

Project Benefit..... **0.6**

Project Benefit / Total Cost..... **1.6**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                  |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|----------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted           | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 503.0<br>persons                          | 209.0<br>person hrs.           | 0.0<br>EPDO                           | 0.0<br>EPDO / 100M VMT                   | 0.0<br>jobs per resident   | 0.0<br>jobs per resident                                 | 0.0<br>adjusted users                           | 0.0<br>thousand adj sq. ft.                                | 442.3<br>thousand adj daily tons | 0.0<br>adj. buffer time index          | 0.0<br>adjusted points           | 0.5<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 5.0                                       | 6.4                            | 0.0                                   | 0.0                                      | 0.0                        | 0.0                                                      | 0.0                                             | 0.0                                                        | 0.0                              | 0.0                                    | 0.0                              | 1.1                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                              | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 5.7                                       |                                | 0.0                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                  |                                        | 0.5                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 10%                                       |                                | 30%                                   |                                          | 15%                        |                                                          |                                                 | 35%                                                        |                                  |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.6                                       |                                | 0.0                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                  |                                        | 0.1                              |                                                          |                                                      |
| Project Benefit                                                | 0.6                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                  |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$3,941,490                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                  |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 1.6                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                  |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

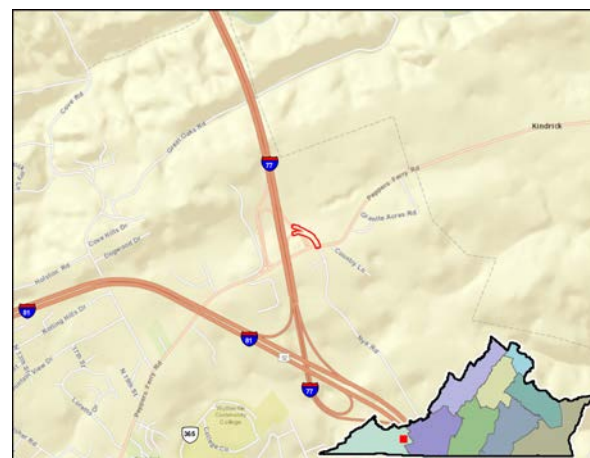
For more information on how to read a scorecard, click [here](#).

I77 Exit 41 Interchange Modifications

App Id: 1574

The I77 Exit 41 provides access to the Town's Community Center/Meeting Center, Community College, Wythe Co Progress Park, truck stops, restaurants & motels. The proposed project will improve traffic flow from I77, improve access, & increase safety.

Project Location..... Wytheville  
SMART SCALE Area Type..... D  
Submitting Entity..... Wytheville Town  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... Both  
VTrans Need..... West Mountain Corridor CoSS  
( Click for details )



**0.4**

SMART SCALE  
SCORE

**#345** OF 404 STATEWIDE

**#22** OF 42 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$10,028,000**

Total Project Cost..... **\$10,028,000**

Project Benefit..... **0.4**

Project Benefit / Total Cost..... **0.4**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                    |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted             | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 0.0<br>persons                            | 0.1<br>person hrs.             | 1.4<br>EPDO                           | 402.1<br>EPDO / 100M VMT                 | 0.0<br>jobs per resident   | 0.0<br>jobs per resident                                 | 0.0<br>adjusted users                           | 0.0<br>thousand adj sq. ft.                                | 2,246.6<br>thousand adj daily tons | 282,546.3<br>adj. buffer time index    | 4.5<br>adjusted points           | 0.4<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.0                                       | 0.0                            | 0.4                                   | 2.1                                      | 0.0                        | 0.0                                                      | 0.0                                             | 0.0                                                        | 0.1                                | 0.0                                    | 0.0                              | 0.7                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.0                                       |                                | 1.3                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                    |                                        | 0.4                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 10%                                       |                                | 30%                                   |                                          | 15%                        |                                                          |                                                 | 35%                                                        |                                    |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.4                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                    |                                        | 0.0                              |                                                          |                                                      |
| Project Benefit                                                | 0.4                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$10,028,000                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 0.4                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

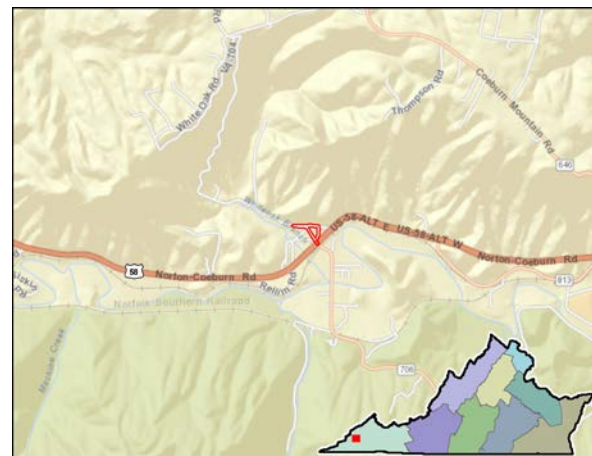
For more information on how to read a scorecard, click [here](#).

US58 at Tacoma Mountain Realignment

App Id: 1587

This project is the first phase of reconstructing the corridor between Wise and US58 to allow for safer/efficient truck traffic through geometric improvements and roadway enhancements.

Project Location..... Wise County  
SMART SCALE Area Type..... D  
Submitting Entity..... Wise County  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... District Grant  
VTrans Need..... Safety: PSI Data and Geometric Issue  
( [Click for details](#) )



**1.0**

SMART SCALE  
SCORE

**#286** OF 404 STATEWIDE

**#12** OF 42 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$5,361,000**

Total Project Cost..... **\$5,361,000**

Project Benefit..... **0.5**

Project Benefit / Total Cost..... **1.0**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                    |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted             | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 0.0<br>persons                            | 0.0<br>person hrs.             | 2.1<br>EPDO                           | 474.8<br>EPDO / 100M VMT                 | 0.0<br>jobs per resident   | 0.0<br>jobs per resident                                 | 0.0<br>adjusted users                           | 0.0<br>thousand adj sq. ft.                                | 1,111.0<br>thousand adj daily tons | 141,979.7<br>adj. buffer time index    | 0.0<br>adjusted points           | 0.4<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.0                                       | 0.0                            | 0.6                                   | 2.5                                      | 0.0                        | 0.0                                                      | 0.0                                             | 0.0                                                        | 0.1                                | 0.0                                    | 0.0                              | 0.9                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.0                                       |                                | 1.5                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                    |                                        | 0.4                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 10%                                       |                                | 30%                                   |                                          | 15%                        |                                                          |                                                 | 35%                                                        |                                    |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.5                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                    |                                        | 0.0                              |                                                          |                                                      |
| Project Benefit                                                | 0.5                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$5,361,000                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 1.0                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |



# PROJECT SCORECARD

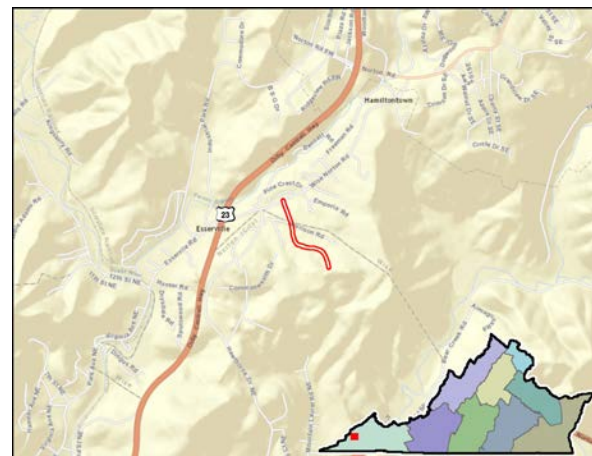
For more information on how to read a scorecard, click [here](#).

Central High School Road

App Id: 1588

This project will create the main access to the new Central High School complex and bypass the current access through a big box shopping center.

Project Location..... Wise County  
SMART SCALE Area Type..... D  
Submitting Entity..... Wise County  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... District Grant  
VTrans Need..... Safety: Geometric and Access Issue  
( Click for details )



**0.0**

SMART SCALE  
SCORE

**#395** OF 404 STATEWIDE

**#38** OF 42 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$9,264,000**

Total Project Cost..... **\$9,264,000**

Project Benefit..... **0.0**

Project Benefit / Total Cost..... **0.0**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 3.4<br>persons                            | 0.0<br>person hrs.             | 0.0<br>EPDO                           | 0.0<br>EPDO / 100M VMT                   | 0.0<br>jobs per resident   | 0.0<br>jobs per resident                                 | 16.9<br>adjusted users                          | 0.0<br>thousand adj sq. ft.                                | 0.0<br>thousand adj daily tons | 0.0<br>adj. buffer time index          | 10.2<br>adjusted points          | 0.0<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.0                                       | 0.0                            | 0.0                                   | 0.0                                      | 0.0                        | 0.0                                                      | 0.1                                             | 0.0                                                        | 0.0                            | 0.0                                    | 0.1                              | 0.0                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.0                                       |                                | 0.0                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.0                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 10%                                       |                                | 30%                                   |                                          | 15%                        |                                                          |                                                 | 35%                                                        |                                |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.0                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.0                              |                                                          |                                                      |
| Project Benefit                                                | 0.0                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$9,264,000                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 0.0                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

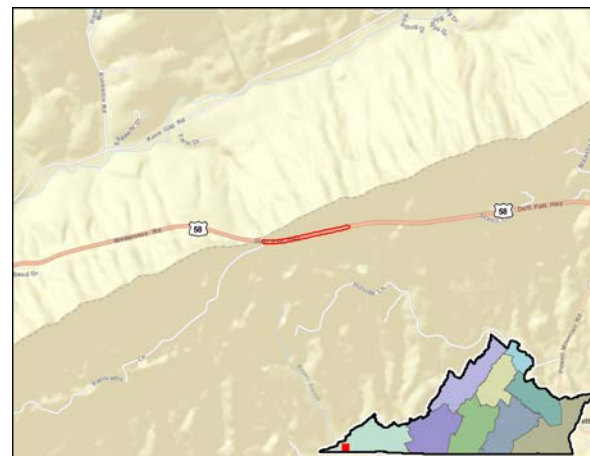
For more information on how to read a scorecard, click [here](#).

Route 58 Climbing Lane (Partial)

App Id: 1589

This project will construct 1000LF of truck climbing lane to address significant safety concerns along a corridor of statewide significance.

Project Location..... Scott County  
SMART SCALE Area Type..... D  
Submitting Entity..... Scott County  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... Both  
VTrans Need..... Southside Corridor CoSS  
( Click for details )



**0.1**

SMART SCALE  
SCORE

**#389** OF 404 STATEWIDE

**#36** OF 42 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$6,804,000**

Total Project Cost..... **\$6,804,000**

Project Benefit..... **0.1**

Project Benefit / Total Cost..... **0.1**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 0.0<br>persons                            | 0.0<br>person hrs.             | 0.2<br>EPDO                           | 71.5<br>EPDO / 100M VMT                  | 0.0<br>jobs per resident   | 0.0<br>jobs per resident                                 | 0.0<br>adjusted users                           | 0.0<br>thousand adj sq. ft.                                | 0.0<br>thousand adj daily tons | 127,316.1<br>adj. buffer time index    | 0.0<br>adjusted points           | 0.1<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.0                                       | 0.0                            | 0.1                                   | 0.4                                      | 0.0                        | 0.0                                                      | 0.0                                             | 0.0                                                        | 0.0                            | 0.0                                    | 0.0                              | 0.1                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.0                                       |                                | 0.2                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.1                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 10%                                       |                                | 30%                                   |                                          | 15%                        |                                                          |                                                 | 35%                                                        |                                |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.1                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.0                              |                                                          |                                                      |
| Project Benefit                                                | 0.1                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$6,804,000                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 0.1                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

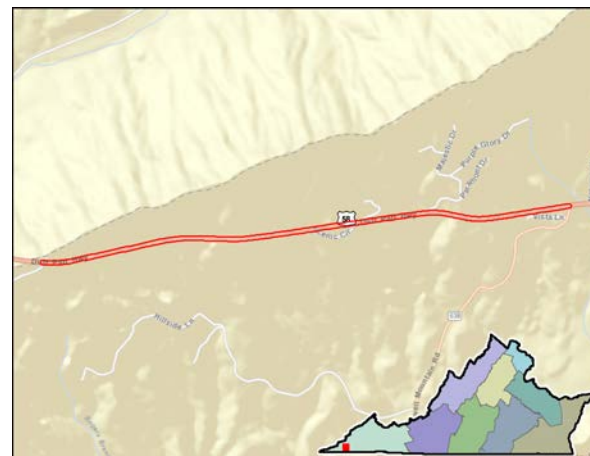
For more information on how to read a scorecard, click [here](#).

Route 58 Climbing Lane (Complete)

App Id: 1590

This project will construct a truck climbing lane to address significant safety concerns along a corridor of statewide significance.

Project Location..... Scott County  
SMART SCALE Area Type..... D  
Submitting Entity..... Scott County  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... Both  
VTrans Need..... Southside Corridor CoSS  
( [Click for details](#) )



**0.5**

SMART SCALE  
SCORE

**#334** OF 404 STATEWIDE

**#21** OF 42 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$37,911,000**

Total Project Cost..... **\$37,911,000**

Project Benefit..... **2.0**

Project Benefit / Total Cost..... **0.5**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 0.0<br>persons                            | 0.0<br>person hrs.             | 24.6<br>EPDO                          | 860.0<br>EPDO / 100M VMT                 | 0.0<br>jobs per resident   | 0.0<br>jobs per resident                                 | 0.0<br>adjusted users                           | 0.0<br>thousand adj sq. ft.                                | 0.0<br>thousand adj daily tons | 2,284,877.0<br>adj. buffer time index  | 0.0<br>adjusted points           | 1.7<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.0                                       | 0.0                            | 7.5                                   | 4.5                                      | 0.0                        | 0.0                                                      | 0.0                                             | 0.0                                                        | 0.0                            | 0.2                                    | 0.0                              | 3.3                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.0                                       |                                | 6.0                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 1.7                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 10%                                       |                                | 30%                                   |                                          | 15%                        |                                                          |                                                 | 35%                                                        |                                |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 1.8                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.2                              |                                                          |                                                      |
| Project Benefit                                                | 2.0                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$37,911,000                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 0.5                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

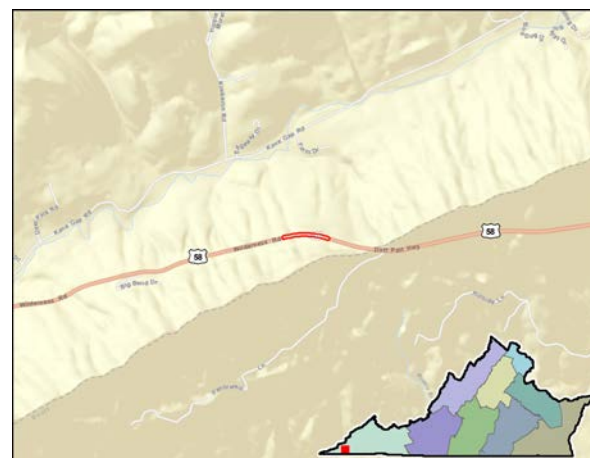
For more information on how to read a scorecard, click [here](#).

Route 58 Truck Climbing Lane Phase II

App Id: 1591

This project will construct approximately 1,000LF of truck climbing lane on US 58 to improve safety, congestion and accessibility.

Project Location..... Lee County  
SMART SCALE Area Type..... D  
Submitting Entity..... Lee County  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... Both  
VTrans Need..... Southside Corridor CoSS  
( Click for details )



**0.9**

SMART SCALE  
SCORE

**#293** OF 404 STATEWIDE

**#14** OF 42 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$5,319,700**

Total Project Cost..... **\$5,319,700**

Project Benefit..... **0.5**

Project Benefit / Total Cost..... **0.9**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 0.0<br>persons                            | 0.0<br>person hrs.             | 0.8<br>EPDO                           | 503.8<br>EPDO / 100M VMT                 | 0.0<br>jobs per resident   | 0.0<br>jobs per resident                                 | 0.0<br>adjusted users                           | 0.0<br>thousand adj sq. ft.                                | 0.0<br>thousand adj daily tons | 60,338.8<br>adj. buffer time index     | 0.0<br>adjusted points           | 0.4<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.0                                       | 0.0                            | 0.2                                   | 2.6                                      | 0.0                        | 0.0                                                      | 0.0                                             | 0.0                                                        | 0.0                            | 0.0                                    | 0.0                              | 0.7                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.0                                       |                                | 1.4                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.4                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 10%                                       |                                | 30%                                   |                                          | 15%                        |                                                          |                                                 | 35%                                                        |                                |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.4                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.0                              |                                                          |                                                      |
| Project Benefit                                                | 0.5                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$5,319,700                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 0.9                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |



# PROJECT SCORECARD

For more information on how to read a scorecard, click [here](#).

US421 Roadway Enhancements

App Id: 1593

The proposed project will directly address significant safety issues with a major curve on US421 in Lee County.

Project Location..... Lee County  
SMART SCALE Area Type..... D  
Submitting Entity..... Lee County  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... District Grant  
VTrans Need..... Safety: Geometric and Operation Issue  
( [Click for details](#) )



**0.0**

SMART SCALE  
SCORE

**#398** OF 404 STATEWIDE

**#41** OF 42 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$5,003,000**

Total Project Cost..... **\$5,003,000**

Project Benefit..... **0.0**

Project Benefit / Total Cost..... **0.0**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 0.0<br>persons                            | 0.0<br>person hrs.             | 0.0<br>EPDO                           | 0.0<br>EPDO / 100M VMT                   | 0.1<br>jobs per resident   | 0.1<br>jobs per resident                                 | 0.0<br>adjusted users                           | 0.0<br>thousand adj sq. ft.                                | 0.0<br>thousand adj daily tons | 44,080.3<br>adj. buffer time index     | 0.0<br>adjusted points           | 0.0<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.0                                       | 0.0                            | 0.0                                   | 0.0                                      | 0.0                        | 0.0                                                      | 0.0                                             | 0.0                                                        | 0.0                            | 0.0                                    | 0.0                              | 0.0                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.0                                       |                                | 0.0                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.0                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 10%                                       |                                | 30%                                   |                                          | 15%                        |                                                          |                                                 | 35%                                                        |                                |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.0                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.0                              |                                                          |                                                      |
| Project Benefit                                                | 0.0                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$5,003,000                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 0.0                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |



# PROJECT SCORECARD

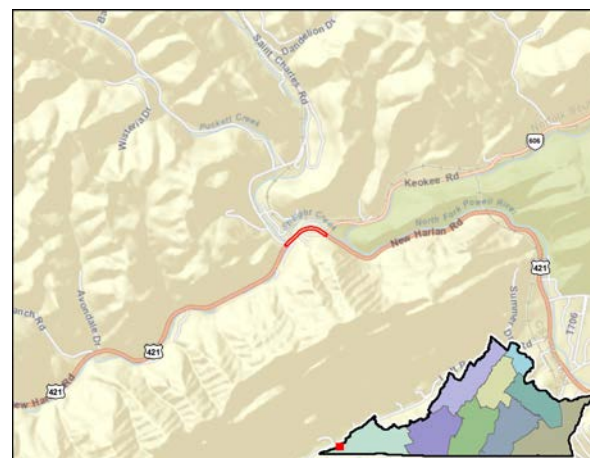
For more information on how to read a scorecard, click [here](#).

US421 Intersection Improvements

App Id: 1594

The project will alleviate several significant safety issues on US421 and the intersection with SR 606.

Project Location..... Lee County  
SMART SCALE Area Type..... D  
Submitting Entity..... Lee County  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... District Grant  
VTrans Need..... Safety: Geometric and Operation Issue  
( [Click for details](#) )



**0.3**

SMART SCALE  
SCORE

**#354** OF 404 STATEWIDE

**#24** OF 42 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$5,142,000**

Total Project Cost..... **\$5,142,000**

Project Benefit..... **0.2**

Project Benefit / Total Cost..... **0.3**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 0.0<br>persons                            | 0.0<br>person hrs.             | 0.8<br>EPDO                           | 165.7<br>EPDO / 100M VMT                 | 0.0<br>jobs per resident   | 0.0<br>jobs per resident                                 | 0.0<br>adjusted users                           | 0.0<br>thousand adj sq. ft.                                | 0.0<br>thousand adj daily tons | 134,703.3<br>adj. buffer time index    | 0.0<br>adjusted points           | 0.2<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.0                                       | 0.0                            | 0.2                                   | 0.9                                      | 0.0                        | 0.0                                                      | 0.0                                             | 0.0                                                        | 0.0                            | 0.0                                    | 0.0                              | 0.3                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.0                                       |                                | 0.5                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.2                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 10%                                       |                                | 30%                                   |                                          | 15%                        |                                                          |                                                 | 35%                                                        |                                |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.2                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.0                              |                                                          |                                                      |
| Project Benefit                                                | 0.2                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$5,142,000                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 0.3                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

For more information on how to read a scorecard, click [here](#).

French Moore Jr. Boulevard Extension

App Id: 1596

Urban roadway extension creating an alternate route to I-81 and US 11, alternate access to Virginia Highlands Community College and Higher Education Center, and promotion of economic development on adjacent properties

Project Location..... Abingdon Town  
SMART SCALE Area Type..... D  
Submitting Entity..... Abingdon Town  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... Both  
VTrans Need..... Crescent Corridor CoSS  
( [Click for details](#) )



**0.4**

SMART SCALE  
SCORE

**#348** OF 404 STATEWIDE

**#23** OF 42 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$36,701,000**

Total Project Cost..... **\$36,701,000**

Project Benefit..... **1.4**

Project Benefit / Total Cost..... **0.4**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 917.7<br>persons                          | 380.0<br>person hrs.           | 0.0<br>EPDO                           | 0.0<br>EPDO / 100M VMT                   | 7.4<br>jobs per resident   | 7.7<br>jobs per resident                                 | 5.5<br>adjusted users                           | 298,375.0<br>thousand adj sq. ft.                          | 0.0<br>thousand adj daily tons | 398,390.8<br>adj. buffer time index    | 7.4<br>adjusted points           | 1.2<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 9.1                                       | 11.7                           | 0.0                                   | 0.0                                      | 0.3                        | 0.3                                                      | 0.0                                             | 1.1                                                        | 0.0                            | 0.0                                    | 0.0                              | 2.4                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 10.4                                      |                                | 0.0                                   |                                          | 0.2                        |                                                          |                                                 | 0.6                                                        |                                |                                        | 1.2                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 10%                                       |                                | 30%                                   |                                          | 15%                        |                                                          |                                                 | 35%                                                        |                                |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 1.0                                       |                                | 0.0                                   |                                          | 0.0                        |                                                          |                                                 | 0.2                                                        |                                |                                        | 0.1                              |                                                          |                                                      |
| Project Benefit                                                | 1.4                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$36,701,000                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 0.4                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

For more information on how to read a scorecard, click here.

Widen US 11 between Hillman Hwy and Empire Dr

App Id: 1602

Project widens section of US 11/Lee Hwy from 3-lane to a 5-lane typical section (4 travel lanes and a center two-way left-turn lane (TWLTL)) to improve traffic operations, and access management and safety by reducing entrances and conflict points

Project Location..... Abingdon Town  
SMART SCALE Area Type..... D  
Submitting Entity..... Abingdon Town  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... Both  
VTrans Need..... Crescent Corridor CoSS  
( Click for details )



**0.6**

SMART SCALE  
SCORE

**#328** OF 404 STATEWIDE

**#20** OF 42 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$13,367,000**

Total Project Cost..... **\$13,367,000**

Project Benefit..... **0.8**

Project Benefit / Total Cost..... **0.6**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                    |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted             | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 14.9<br>persons                           | 3.2<br>person hrs.             | 2.4<br>EPDO                           | 65.5<br>EPDO / 100M VMT                  | 5.8<br>jobs per resident   | 6.1<br>jobs per resident                                 | 22.3<br>adjusted users                          | 597,356.0<br>thousand adj sq. ft.                          | 5,727.6<br>thousand adj daily tons | 1,773,227.9<br>adj. buffer time index  | 29.8<br>adjusted points          | 0.7<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.1                                       | 0.1                            | 0.7                                   | 0.3                                      | 0.2                        | 0.2                                                      | 0.2                                             | 2.1                                                        | 0.3                                | 0.1                                    | 0.2                              | 1.3                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.1                                       |                                | 0.5                                   |                                          | 0.2                        |                                                          |                                                 | 1.4                                                        |                                    |                                        | 0.7                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 10%                                       |                                | 30%                                   |                                          | 15%                        |                                                          |                                                 | 35%                                                        |                                    |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.2                                   |                                          | 0.0                        |                                                          |                                                 | 0.5                                                        |                                    |                                        | 0.1                              |                                                          |                                                      |
| Project Benefit                                                | 0.8                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$13,367,000                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 0.6                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |



# PROJECT SCORECARD

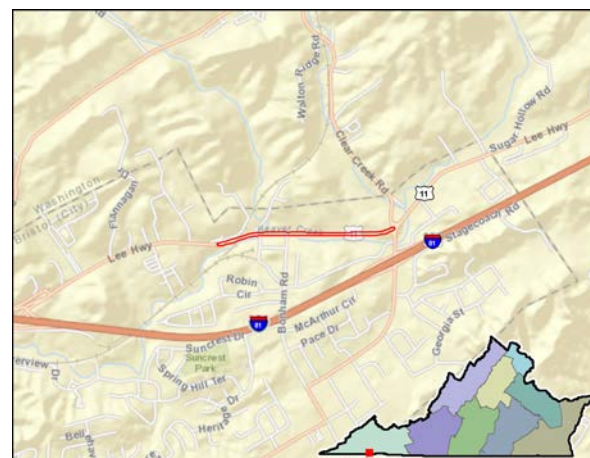
For more information on how to read a scorecard, click [here](#).

US 11 Widening Phase 3 Alexis to Old Airport Road

App Id: 1603

The City of Bristol Virginia is proposing to widen Lee Highway (US 11) beginning at Alexis Drive and ending at Old Airport Road. This project will connect one recently widened section to another that received Smart Scale funding in Fiscal Year 2016.

Project Location..... Bristol  
SMART SCALE Area Type..... D  
Submitting Entity..... Bristol City  
Preliminary Engineering..... Underway  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... Locality  
Eligible Funding Program(s)..... Both  
VTrans Need..... Crescent Corridor CoSS  
( Click for details )



**1.0**

SMART SCALE  
SCORE

**#284** OF 404 STATEWIDE

**#11** OF 42 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$21,242,000**

Total Project Cost..... **\$21,242,000**

Project Benefit..... **2.1**

Project Benefit / Total Cost..... **1.0**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                    |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted             | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 20.9<br>persons                           | 15.2<br>person hrs.            | 12.4<br>EPDO                          | 293.7<br>EPDO / 100M VMT                 | 3.5<br>jobs per resident   | 3.3<br>jobs per resident                                 | 104.6<br>adjusted users                         | 1,241,575.0<br>thousand adj sq. ft.                        | 7,181.9<br>thousand adj daily tons | 10,383,636.0<br>adj. buffer time index | 104.6<br>adjusted points         | 1.8<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.2                                       | 0.5                            | 3.8                                   | 1.5                                      | 0.1                        | 0.1                                                      | 0.7                                             | 4.4                                                        | 0.4                                | 0.8                                    | 0.6                              | 3.5                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.3                                       |                                | 2.6                                   |                                          | 0.2                        |                                                          |                                                 | 2.9                                                        |                                    |                                        | 2.0                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 10%                                       |                                | 30%                                   |                                          | 15%                        |                                                          |                                                 | 35%                                                        |                                    |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.8                                   |                                          | 0.0                        |                                                          |                                                 | 1.0                                                        |                                    |                                        | 0.2                              |                                                          |                                                      |
| Project Benefit                                                | 2.1                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$21,242,000                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 1.0                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |



# PROJECT SCORECARD

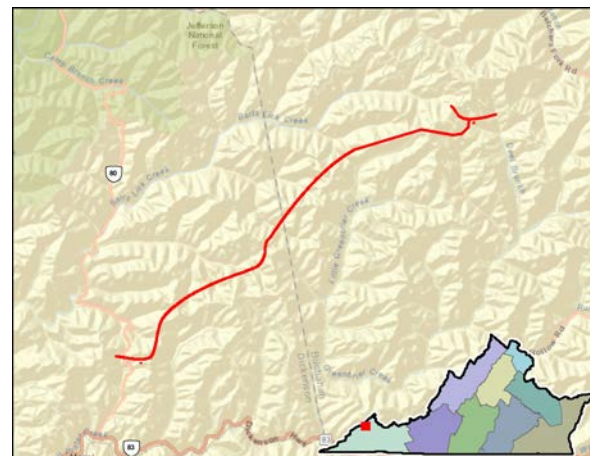
For more information on how to read a scorecard, click here.

Coalfields Expressway (Rte 121) - Doe Branch

App Id: 1606

Design and Construction to complete the Doe Branch section of the Coalfields Expressway/Corridor Q.

Project Location..... Multiple  
SMART SCALE Area Type..... D  
Submitting Entity..... Cumberland Plateau Planning District  
Commission  
Preliminary Engineering..... Underway  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... High Priority  
VTrans Need..... Heartland Corridor CoSS  
( Click for details )



**0.3**

SMART SCALE  
SCORE

**#370** OF 404 STATEWIDE

**#30** OF 42 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$155,871,170**

Total Project Cost..... **\$155,871,170**

Project Benefit..... **4.0**

Project Benefit / Total Cost..... **0.3**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 170.2<br>persons                          | 63.0<br>person hrs.            | 72.4<br>EPDO                          | 129.7<br>EPDO / 100M VMT                 | 1.0<br>jobs per resident   | 1.0<br>jobs per resident                                 | 76.8<br>adjusted users                          | 0.0<br>thousand adj sq. ft.                                | 0.0<br>thousand adj daily tons | 13,777,841.9<br>adj. buffer time index | 627.7<br>adjusted points         | 1.2<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 1.7                                       | 1.9                            | 22.0                                  | 0.7                                      | 0.0                        | 0.0                                                      | 0.5                                             | 0.0                                                        | 0.0                            | 1.0                                    | 3.7                              | 2.4                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 1.8                                       |                                | 11.4                                  |                                          | 0.1                        |                                                          |                                                 | 0.2                                                        |                                |                                        | 3.0                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 10%                                       |                                | 30%                                   |                                          | 15%                        |                                                          |                                                 | 35%                                                        |                                |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.2                                       |                                | 3.4                                   |                                          | 0.0                        |                                                          |                                                 | 0.1                                                        |                                |                                        | 0.3                              |                                                          |                                                      |
| Project Benefit                                                | 4.0                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$155,871,170                             |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 0.3                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

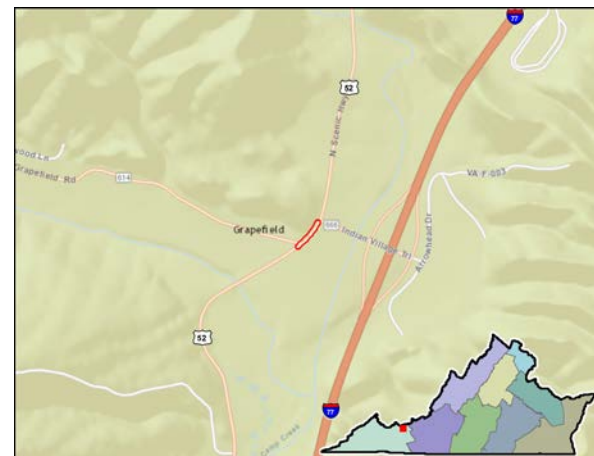
For more information on how to read a scorecard, click [here](#).

US Route 52 Intersection Safety Enhancements

App Id: 1607

US Route 52 Intersection Safety Enhancements

Project Location..... Bland County  
 SMART SCALE Area Type..... D  
 Submitting Entity..... Bland County  
 Preliminary Engineering..... Not Started  
 Right of Way..... Not Started  
 Construction..... Not Started  
 Expenditures to Date..... N/A  
 Key Fund Sources..... N/A  
 Administered By..... VDOT  
 Eligible Funding Program(s)..... Both  
 VTrans Need..... West Mountain Corridor CoSS  
 ( [Click for details](#) )



**0.6**

SMART SCALE  
SCORE

**#321** OF 404 STATEWIDE

**#18** OF 42 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$3,868,000**

Total Project Cost..... **\$3,868,000**

Project Benefit..... **0.2**

Project Benefit / Total Cost..... **0.6**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 1.9<br>persons                            | 0.0<br>person hrs.             | 0.0<br>EPDO                           | 0.0<br>EPDO / 100M VMT                   | 0.0<br>jobs per resident   | 0.0<br>jobs per resident                                 | 2.8<br>adjusted users                           | 298,800.0<br>thousand adj sq. ft.                          | 0.0<br>thousand adj daily tons | 69,803.0<br>adj. buffer time index     | 3.7<br>adjusted points           | 0.2<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.0                                       | 0.0                            | 0.0                                   | 0.0                                      | 0.0                        | 0.0                                                      | 0.0                                             | 1.1                                                        | 0.0                            | 0.0                                    | 0.0                              | 0.4                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.0                                       |                                | 0.0                                   |                                          | 0.0                        |                                                          |                                                 | 0.6                                                        |                                |                                        | 0.2                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 10%                                       |                                | 30%                                   |                                          | 15%                        |                                                          |                                                 | 35%                                                        |                                |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.0                                   |                                          | 0.0                        |                                                          |                                                 | 0.2                                                        |                                |                                        | 0.0                              |                                                          |                                                      |
| Project Benefit                                                | 0.2                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$3,868,000                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 0.6                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

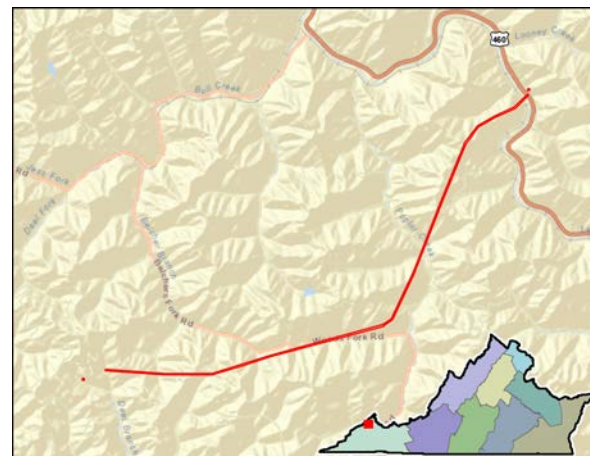
For more information on how to read a scorecard, click here.

Coalfields Expressway Rte 121/460 Poplar Creek Phase B

App Id: 1616

Design and construction for the Phase B of the US 460 portion of Corridor Q.

Project Location..... Buchanan County  
SMART SCALE Area Type..... D  
Submitting Entity..... Cumberland Plateau Planning District  
Commission  
Preliminary Engineering..... Underway  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... High Priority  
VTrans Need..... Heartland Corridor CoSS  
( Click for details )



**0.1**

SMART SCALE  
SCORE

**#390** OF 404 STATEWIDE

**#37** OF 42 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$214,265,100**

Total Project Cost..... **\$214,265,100**

Project Benefit..... **1.8**

Project Benefit / Total Cost..... **0.1**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 166.2<br>persons                          | 61.0<br>person hrs.            | 30.6<br>EPDO                          | 34.8<br>EPDO / 100M VMT                  | 0.0<br>jobs per resident   | 0.0<br>jobs per resident                                 | 76.8<br>adjusted users                          | 0.0<br>thousand adj sq. ft.                                | 0.0<br>thousand adj daily tons | 3,129,824.8<br>adj. buffer time index  | 76.1<br>adjusted points          | 1.2<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 1.6                                       | 1.9                            | 9.3                                   | 0.2                                      | 0.0                        | 0.0                                                      | 0.5                                             | 0.0                                                        | 0.0                            | 0.2                                    | 0.4                              | 2.4                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 1.8                                       |                                | 4.8                                   |                                          | 0.1                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 1.4                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 10%                                       |                                | 30%                                   |                                          | 15%                        |                                                          |                                                 | 35%                                                        |                                |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.2                                       |                                | 1.4                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.1                              |                                                          |                                                      |
| Project Benefit                                                | 1.8                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$214,265,100                             |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 0.1                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

For more information on how to read a scorecard, click [here](#).

Intersection Improvements to US 11 at Old Airport Road

App Id: 1620

This project will decrease the cross slope of the intersection of Lee Highway (US 11) and Old Airport Road. The result will be increased safety

Project Location..... Bristol  
SMART SCALE Area Type..... D  
Submitting Entity..... Bristol City  
Preliminary Engineering..... Not Needed  
Right of Way..... Not Needed  
Construction..... Not Needed  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... Locality  
Eligible Funding Program(s)..... Both  
VTrans Need..... Crescent Corridor CoSS  
( Click for details )



**5.4**

SMART SCALE  
SCORE

**#131** OF 404 STATEWIDE

**#2** OF 42 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$3,279,000**

Total Project Cost..... **\$3,279,000**

Project Benefit..... **1.8**

Project Benefit / Total Cost..... **5.4**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                    |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted             | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 0.0<br>persons                            | 105.0<br>person hrs.           | 4.4<br>EPDO                           | 384.3<br>EPDO / 100M VMT                 | 6.6<br>jobs per resident   | 6.8<br>jobs per resident                                 | 0.0<br>adjusted users                           | 1,241,575.0<br>thousand adj sq. ft.                        | 4,550.9<br>thousand adj daily tons | 560,071.8<br>adj. buffer time index    | 0.0<br>adjusted points           | 1.5<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.0                                       | 3.2                            | 1.3                                   | 2.0                                      | 0.3                        | 0.3                                                      | 0.0                                             | 4.4                                                        | 0.3                                | 0.0                                    | 0.0                              | 3.0                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 1.6                                       |                                | 1.7                                   |                                          | 0.2                        |                                                          |                                                 | 2.7                                                        |                                    |                                        | 1.5                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 10%                                       |                                | 30%                                   |                                          | 15%                        |                                                          |                                                 | 35%                                                        |                                    |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.2                                       |                                | 0.5                                   |                                          | 0.0                        |                                                          |                                                 | 0.9                                                        |                                    |                                        | 0.2                              |                                                          |                                                      |
| Project Benefit                                                | 1.8                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$3,279,000                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 5.4                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |



# PROJECT SCORECARD

For more information on how to read a scorecard, click here.

US 11 at US 19 Intersection Improvements

App Id: 1633

Project re-configures the intersection of US 11 and US 19 to better serve the primary traffic movements, alleviating congestion and improving the preferred route for truck traffic traveling from I-81 to US 19.

Project Location..... Abingdon Town  
SMART SCALE Area Type..... D  
Submitting Entity..... Abingdon Town  
Preliminary Engineering..... Not Started  
Right of Way..... Not Needed  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... Both  
VTrans Need..... Crescent Corridor CoSS  
( Click for details )



**1.7**

SMART SCALE  
SCORE

**#239** OF 404 STATEWIDE

**#9** OF 42 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$1,704,000**

Total Project Cost..... **\$1,704,000**

Project Benefit..... **0.3**

Project Benefit / Total Cost..... **1.7**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                    |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted             | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 0.0<br>persons                            | 60.3<br>person hrs.            | 0.5<br>EPDO                           | 62.6<br>EPDO / 100M VMT                  | 18.5<br>jobs per resident  | 18.5<br>jobs per resident                                | 0.0<br>adjusted users                           | 0.0<br>thousand adj sq. ft.                                | 4,388.5<br>thousand adj daily tons | 496,658.4<br>adj. buffer time index    | 0.0<br>adjusted points           | 0.3<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.0                                       | 1.9                            | 0.2                                   | 0.3                                      | 0.7                        | 0.7                                                      | 0.0                                             | 0.0                                                        | 0.3                                | 0.0                                    | 0.0                              | 0.5                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.9                                       |                                | 0.2                                   |                                          | 0.6                        |                                                          |                                                 | 0.1                                                        |                                    |                                        | 0.2                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 10%                                       |                                | 30%                                   |                                          | 15%                        |                                                          |                                                 | 35%                                                        |                                    |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.1                                       |                                | 0.1                                   |                                          | 0.1                        |                                                          |                                                 | 0.0                                                        |                                    |                                        | 0.0                              |                                                          |                                                      |
| Project Benefit                                                | 0.3                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$1,704,000                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 1.7                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

For more information on how to read a scorecard, click [here](#).

US 58 ALT/US 19 Access Management Improvements

App Id: 1635

The proposed project consists of implementing access management strategies along US 58 ALT/US 19 between Chantilly Way to Public Safety Drive in Washington County, Virginia.

Project Location..... Washington County  
SMART SCALE Area Type..... D  
Submitting Entity..... Washington County  
Preliminary Engineering..... Not Started  
Right of Way..... Not Needed  
Construction..... Not Needed  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... Both  
VTrans Need..... Bristol Regional Network  
( Click for details )



**0.9**

SMART SCALE  
SCORE

**#288** OF 404 STATEWIDE

**#13** OF 42 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$4,006,000**

Total Project Cost..... **\$4,006,000**

Project Benefit..... **0.4**

Project Benefit / Total Cost..... **0.9**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                     |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|-------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted              | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 0.0<br>persons                            | 4.0<br>person hrs.             | 3.2<br>EPDO                           | 122.2<br>EPDO / 100M VMT                 | 4.2<br>jobs per resident   | 4.2<br>jobs per resident                                 | 0.0<br>adjusted users                           | 0.0<br>thousand adj sq. ft.                                | 16,894.3<br>thousand adj daily tons | 2,001,287.8<br>adj. buffer time index  | 0.0<br>adjusted points           | 0.3<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.0                                       | 0.1                            | 1.0                                   | 0.6                                      | 0.2                        | 0.2                                                      | 0.0                                             | 0.0                                                        | 1.0                                 | 0.1                                    | 0.0                              | 0.6                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                 | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.1                                       |                                | 0.8                                   |                                          | 0.1                        |                                                          |                                                 | 0.2                                                        |                                     |                                        | 0.3                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 10%                                       |                                | 30%                                   |                                          | 15%                        |                                                          |                                                 | 35%                                                        |                                     |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.2                                   |                                          | 0.0                        |                                                          |                                                 | 0.1                                                        |                                     |                                        | 0.0                              |                                                          |                                                      |
| Project Benefit                                                | 0.4                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$4,006,000                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 0.9                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

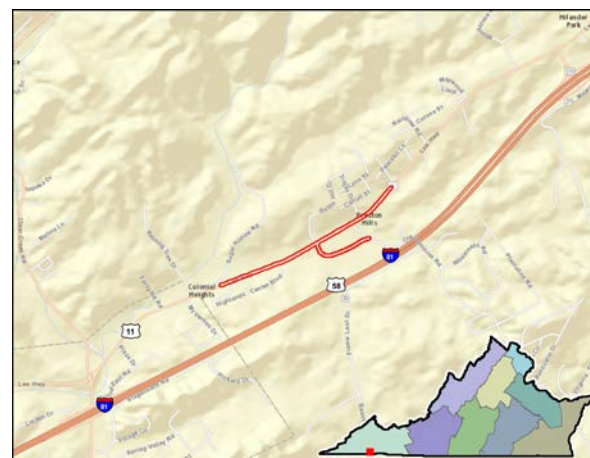
For more information on how to read a scorecard, click here.

Widen US 11 between Highlands Shopping Center to BVU

App Id: 1637

Project proposes to widen approximately 0.8 miles of US 11 from the existing four-lane section currently completing construction in front of the Highlands Shopping center (W Highlands Blvd) to approximately 400 ft west of Prestonwood Drive (BVU).

Project Location..... Washington County  
SMART SCALE Area Type..... D  
Submitting Entity..... Washington County  
Preliminary Engineering..... Underway  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... Both  
VTrans Need..... Crescent Corridor CoSS  
( Click for details )



**0.3**

SMART SCALE  
SCORE

**#366** OF 404 STATEWIDE

**#29** OF 42 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$40,267,308**

Total Project Cost..... **\$42,738,000**

Project Benefit..... **1.2**

Project Benefit / Total Cost..... **0.3**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                    |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted             | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 10.8<br>persons                           | 1.7<br>person hrs.             | 8.2<br>EPDO                           | 352.9<br>EPDO / 100M VMT                 | 0.4<br>jobs per resident   | 0.4<br>jobs per resident                                 | 32.4<br>adjusted users                          | 481,250.0<br>thousand adj sq. ft.                          | 2,522.2<br>thousand adj daily tons | 2,338,136.3<br>adj. buffer time index  | 43.2<br>adjusted points          | 1.0<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.1                                       | 0.1                            | 2.5                                   | 1.8                                      | 0.0                        | 0.0                                                      | 0.2                                             | 1.7                                                        | 0.1                                | 0.2                                    | 0.3                              | 1.9                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.1                                       |                                | 2.2                                   |                                          | 0.1                        |                                                          |                                                 | 1.1                                                        |                                    |                                        | 1.1                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 10%                                       |                                | 30%                                   |                                          | 15%                        |                                                          |                                                 | 35%                                                        |                                    |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.6                                   |                                          | 0.0                        |                                                          |                                                 | 0.4                                                        |                                    |                                        | 0.1                              |                                                          |                                                      |
| Project Benefit                                                | 1.2                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$40,267,308                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 0.3                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

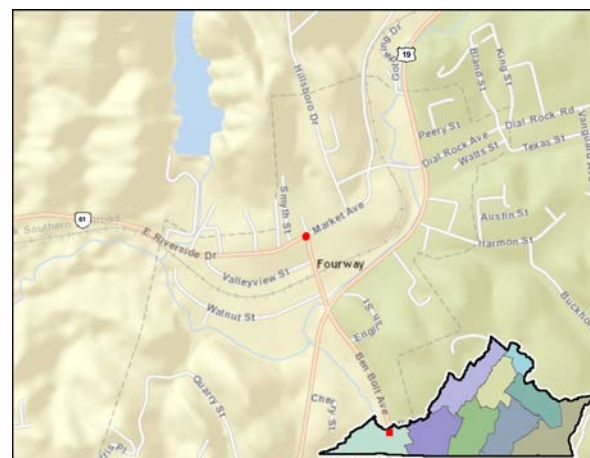
For more information on how to read a scorecard, click [here](#).

Market St and East Riverside Dr Intersection Improvements

App Id: 1638

This project greatly improves safety issues at the intersection, storm water drainage issues that presently are making vehicular and pedestrian travel extremely hazardous, and sediment and erosion issues.

Project Location..... Tazewell  
SMART SCALE Area Type..... D  
Submitting Entity..... Tazewell Town  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... District Grant  
VTrans Need..... Safety: Geometric and Operation Issue  
( [Click for details](#) )



**0.8**

SMART SCALE  
SCORE

**#304** OF 404 STATEWIDE

**#15** OF 42 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$4,113,000**

Total Project Cost..... **\$4,113,000**

Project Benefit..... **0.3**

Project Benefit / Total Cost..... **0.8**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 0.0<br>persons                            | 0.0<br>person hrs.             | 1.1<br>EPDO                           | 306.3<br>EPDO / 100M VMT                 | 0.0<br>jobs per resident   | 0.0<br>jobs per resident                                 | 0.0<br>adjusted users                           | 0.0<br>thousand adj sq. ft.                                | 0.0<br>thousand adj daily tons | 287,416.2<br>adj. buffer time index    | 0.0<br>adjusted points           | 0.2<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.0                                       | 0.0                            | 0.3                                   | 1.6                                      | 0.0                        | 0.0                                                      | 0.0                                             | 0.0                                                        | 0.0                            | 0.0                                    | 0.0                              | 0.4                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.0                                       |                                | 1.0                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.2                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 10%                                       |                                | 30%                                   |                                          | 15%                        |                                                          |                                                 | 35%                                                        |                                |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.3                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.0                              |                                                          |                                                      |
| Project Benefit                                                | 0.3                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$4,113,000                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 0.8                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |



# PROJECT SCORECARD

For more information on how to read a scorecard, click [here](#).

I-81 Exit 35 (State Route 107) Interchange Modifications

App Id: 1644

Interchange Modifications include the addition of left turn off ramp lanes and left turn lanes underneath the overpass. This improvement will allow unimpeded traffic in the north-south direction and improve safety of the vehicles from the off ramps.

Project Location..... Smyth County  
SMART SCALE Area Type..... D  
Submitting Entity..... Smyth County  
Preliminary Engineering..... Not Started  
Right of Way..... Not Needed  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... Both  
VTrans Need..... Bristol Regional Network  
( [Click for details](#) )



**3.7**

SMART SCALE  
SCORE

**#153** OF 404 STATEWIDE

**#5** OF 42 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$2,516,000**

Total Project Cost..... **\$2,516,000**

Project Benefit..... **0.9**

Project Benefit / Total Cost..... **3.7**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 0.0<br>persons                            | 18.8<br>person hrs.            | 0.6<br>EPDO                           | 84.9<br>EPDO / 100M VMT                  | 7.8<br>jobs per resident   | 8.3<br>jobs per resident                                 | 0.0<br>adjusted users                           | 937,500.0<br>thousand adj sq. ft.                          | 0.0<br>thousand adj daily tons | 481,626.1<br>adj. buffer time index    | 0.0<br>adjusted points           | 0.6<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.0                                       | 0.6                            | 0.2                                   | 0.4                                      | 0.3                        | 0.3                                                      | 0.0                                             | 3.3                                                        | 0.0                            | 0.0                                    | 0.0                              | 1.3                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.3                                       |                                | 0.3                                   |                                          | 0.2                        |                                                          |                                                 | 2.0                                                        |                                |                                        | 0.6                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 10%                                       |                                | 30%                                   |                                          | 15%                        |                                                          |                                                 | 35%                                                        |                                |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.1                                   |                                          | 0.0                        |                                                          |                                                 | 0.7                                                        |                                |                                        | 0.1                              |                                                          |                                                      |
| Project Benefit                                                | 0.9                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$2,516,000                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 3.7                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

For more information on how to read a scorecard, click [here](#).

US 11 at Railroad Drive Intersection Improvements

App Id: 1645

This projects adds dedicated left- and right-turn lanes to the intersection of US 11 at Railroad Dr with the intent of addressing safety and operational concerns associated with this intersection and the adjacent at-grade railroad crossing.

Project Location..... Smyth County  
SMART SCALE Area Type..... D  
Submitting Entity..... Smyth County  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... Both  
VTrans Need..... Crescent Corridor CoSS  
( [Click for details](#) )



**4.3**

SMART SCALE  
SCORE

**#143** OF 404 STATEWIDE

**#3** OF 42 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$2,783,000**

Total Project Cost..... **\$2,783,000**

Project Benefit..... **1.2**

Project Benefit / Total Cost..... **4.3**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 0.0<br>persons                            | 0.0<br>person hrs.             | 2.7<br>EPDO                           | 1,242.2<br>EPDO / 100M VMT               | 0.0<br>jobs per resident   | 0.0<br>jobs per resident                                 | 0.0<br>adjusted users                           | 0.0<br>thousand adj sq. ft.                                | 0.0<br>thousand adj daily tons | 46,123.8<br>adj. buffer time index     | 0.0<br>adjusted points           | 1.0<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.0                                       | 0.0                            | 0.8                                   | 6.4                                      | 0.0                        | 0.0                                                      | 0.0                                             | 0.0                                                        | 0.0                            | 0.0                                    | 0.0                              | 2.0                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.0                                       |                                | 3.6                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 1.0                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 10%                                       |                                | 30%                                   |                                          | 15%                        |                                                          |                                                 | 35%                                                        |                                |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 1.1                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.1                              |                                                          |                                                      |
| Project Benefit                                                | 1.2                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$2,783,000                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 4.3                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

For more information on how to read a scorecard, click [here](#).

US 11 at SR 107 Intersection Improvements (No Radius)

App Id: 1646

This project improves the southbound approach to the intersection of US 11 at State Route (SR) 107 by adding back-to-back left turn lanes.

Project Location..... Smyth County  
SMART SCALE Area Type..... D  
Submitting Entity..... Smyth County  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... Both  
VTrans Need..... Crescent Corridor CoSS  
( Click for details )



**3.9**

SMART SCALE  
SCORE

**#147** OF 404 STATEWIDE

**#4** OF 42 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$2,347,000**

Total Project Cost..... **\$2,347,000**

Project Benefit..... **0.9**

Project Benefit / Total Cost..... **3.9**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 0.0<br>persons                            | 16.8<br>person hrs.            | 0.5<br>EPDO                           | 118.0<br>EPDO / 100M VMT                 | 1.2<br>jobs per resident   | 1.3<br>jobs per resident                                 | 0.0<br>adjusted users                           | 937,500.0<br>thousand adj sq. ft.                          | 0.0<br>thousand adj daily tons | 350,009.1<br>adj. buffer time index    | 0.0<br>adjusted points           | 0.6<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.0                                       | 0.5                            | 0.1                                   | 0.6                                      | 0.0                        | 0.1                                                      | 0.0                                             | 3.3                                                        | 0.0                            | 0.0                                    | 0.0                              | 1.2                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.3                                       |                                | 0.4                                   |                                          | 0.0                        |                                                          |                                                 | 2.0                                                        |                                |                                        | 0.6                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 10%                                       |                                | 30%                                   |                                          | 15%                        |                                                          |                                                 | 35%                                                        |                                |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.1                                   |                                          | 0.0                        |                                                          |                                                 | 0.7                                                        |                                |                                        | 0.1                              |                                                          |                                                      |
| Project Benefit                                                | 0.9                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$2,347,000                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 3.9                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

For more information on how to read a scorecard, click [here](#).

US 11 at SR 107 Intersection Improvements (with Radius)

App Id: 1647

This project improves the southbound approach to the intersection of US 11 at State Route (SR) 107 by adding back-to-back left turn lanes.

Project Location..... Smyth County  
SMART SCALE Area Type..... D  
Submitting Entity..... Smyth County  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... Both  
VTrans Need..... Crescent Corridor CoSS  
( [Click for details](#) )



**3.0**

SMART SCALE  
SCORE

**#180** OF 404 STATEWIDE

**#6** OF 42 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$3,042,000**

Total Project Cost..... **\$3,042,000**

Project Benefit..... **0.9**

Project Benefit / Total Cost..... **3.0**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 0.0<br>persons                            | 16.8<br>person hrs.            | 0.5<br>EPDO                           | 118.0<br>EPDO / 100M VMT                 | 1.2<br>jobs per resident   | 1.3<br>jobs per resident                                 | 0.0<br>adjusted users                           | 937,500.0<br>thousand adj sq. ft.                          | 0.0<br>thousand adj daily tons | 350,009.1<br>adj. buffer time index    | 0.0<br>adjusted points           | 0.6<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.0                                       | 0.5                            | 0.1                                   | 0.6                                      | 0.0                        | 0.1                                                      | 0.0                                             | 3.3                                                        | 0.0                            | 0.0                                    | 0.0                              | 1.2                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.3                                       |                                | 0.4                                   |                                          | 0.0                        |                                                          |                                                 | 2.0                                                        |                                |                                        | 0.6                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 10%                                       |                                | 30%                                   |                                          | 15%                        |                                                          |                                                 | 35%                                                        |                                |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.1                                   |                                          | 0.0                        |                                                          |                                                 | 0.7                                                        |                                |                                        | 0.1                              |                                                          |                                                      |
| Project Benefit                                                | 0.9                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$3,042,000                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 3.0                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |



# PROJECT SCORECARD

For more information on how to read a scorecard, click [here](#).

Widen US 11 between Exit 13 to Abingdon Town Limits

App Id: 1649

This project proposes to widen approximately 2.1 miles of US 11 from the intersection of Providence Road (which provides direct access to I-81 via Exit 13) to the existing 4-lane section located near the western limits of the Town of Abingdon.

Project Location..... Multiple  
SMART SCALE Area Type..... D  
Submitting Entity..... Washington County  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... Both  
VTrans Need..... Crescent Corridor CoSS  
( [Click for details](#) )



**0.1**

SMART SCALE  
SCORE

**#387** OF 404 STATEWIDE

**#35** OF 42 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$42,820,000**

Total Project Cost..... **\$42,820,000**

Project Benefit..... **0.5**

Project Benefit / Total Cost..... **0.1**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                    |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted             | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 9.7<br>persons                            | 1.2<br>person hrs.             | 5.2<br>EPDO                           | 141.1<br>EPDO / 100M VMT                 | 5.8<br>jobs per resident   | 5.7<br>jobs per resident                                 | 29.0<br>adjusted users                          | 16,200.0<br>thousand adj sq. ft.                           | 3,100.2<br>thousand adj daily tons | 2,475,149.0<br>adj. buffer time index  | 38.7<br>adjusted points          | 0.4<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.1                                       | 0.0                            | 1.6                                   | 0.7                                      | 0.2                        | 0.2                                                      | 0.2                                             | 0.1                                                        | 0.2                                | 0.2                                    | 0.2                              | 0.8                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.1                                       |                                | 1.2                                   |                                          | 0.2                        |                                                          |                                                 | 0.1                                                        |                                    |                                        | 0.5                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 10%                                       |                                | 30%                                   |                                          | 15%                        |                                                          |                                                 | 35%                                                        |                                    |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.3                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                    |                                        | 0.1                              |                                                          |                                                      |
| Project Benefit                                                | 0.5                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$42,820,000                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 0.1                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

For more information on how to read a scorecard, click [here](#).

Route 80 Project 1

App Id: 1673

Route 80 Climbing Lanes - through the doubles

Project Location..... Russell County  
SMART SCALE Area Type..... D  
Submitting Entity..... Russell County  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... District Grant  
VTrans Need..... Safety: Geometric and Operation Issue  
( [Click for details](#) )



**0.0**

SMART SCALE  
SCORE

**#397** OF 404 STATEWIDE

**#40** OF 42 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$7,401,000**

Total Project Cost..... **\$7,401,000**

Project Benefit..... **0.0**

Project Benefit / Total Cost..... **0.0**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 0.0<br>persons                            | 0.0<br>person hrs.             | 0.0<br>EPDO                           | 0.0<br>EPDO / 100M VMT                   | 0.0<br>jobs per resident   | 0.0<br>jobs per resident                                 | 0.0<br>adjusted users                           | 0.0<br>thousand adj sq. ft.                                | 0.0<br>thousand adj daily tons | 241,652.6<br>adj. buffer time index    | 0.0<br>adjusted points           | 0.0<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.0                                       | 0.0                            | 0.0                                   | 0.0                                      | 0.0                        | 0.0                                                      | 0.0                                             | 0.0                                                        | 0.0                            | 0.0                                    | 0.0                              | 0.0                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.0                                       |                                | 0.0                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.0                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 10%                                       |                                | 30%                                   |                                          | 15%                        |                                                          |                                                 | 35%                                                        |                                |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.0                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.0                              |                                                          |                                                      |
| Project Benefit                                                | 0.0                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$7,401,000                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 0.0                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

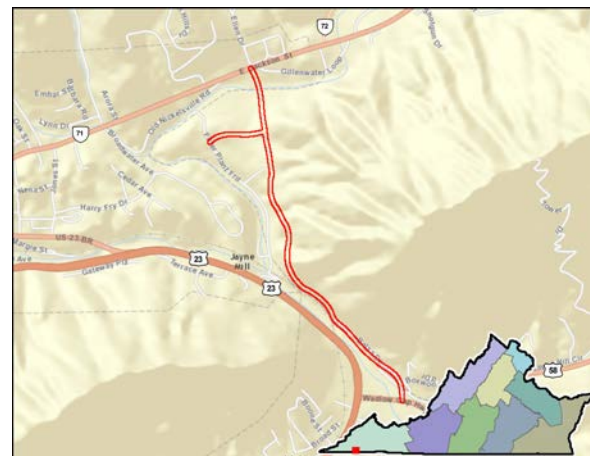
For more information on how to read a scorecard, click [here](#).

Moccasin Gap Bypass

App Id: 1677

This project will alleviate traffic pressure/congestion on US23 BUS and give alternative route in case of RR/train derailment with a 50+ mile detour on US23.

Project Location..... Scott County  
SMART SCALE Area Type..... D  
Submitting Entity..... Scott County  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... Both  
VTrans Need..... Southside Corridor CoSS  
( Click for details )



**0.3**

SMART SCALE  
SCORE

**#361** OF 404 STATEWIDE

**#28** OF 42 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$46,811,000**

Total Project Cost..... **\$46,811,000**

Project Benefit..... **1.4**

Project Benefit / Total Cost..... **0.3**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                    |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted             | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 1,052.0<br>persons                        | 438.0<br>person hrs.           | 0.0<br>EPDO                           | 0.0<br>EPDO / 100M VMT                   | 20.6<br>jobs per resident  | 21.6<br>jobs per resident                                | 0.0<br>adjusted users                           | 0.0<br>thousand adj sq. ft.                                | 5,027.8<br>thousand adj daily tons | 5,550,735.4<br>adj. buffer time index  | 0.0<br>adjusted points           | 0.7<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 10.4                                      | 13.5                           | 0.0                                   | 0.0                                      | 0.8                        | 0.8                                                      | 0.0                                             | 0.0                                                        | 0.3                                | 0.4                                    | 0.0                              | 1.4                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 11.9                                      |                                | 0.0                                   |                                          | 0.6                        |                                                          |                                                 | 0.1                                                        |                                    |                                        | 0.7                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 10%                                       |                                | 30%                                   |                                          | 15%                        |                                                          |                                                 | 35%                                                        |                                    |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 1.2                                       |                                | 0.0                                   |                                          | 0.1                        |                                                          |                                                 | 0.0                                                        |                                    |                                        | 0.1                              |                                                          |                                                      |
| Project Benefit                                                | 1.4                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$46,811,000                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 0.3                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

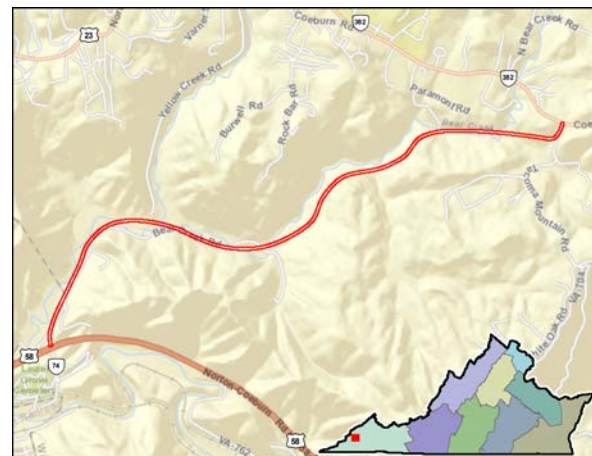
For more information on how to read a scorecard, click [here](#).

Innovation Highway

App Id: 1685

This project will provide critical access from US58 to the Lonesome Pine Regional Business & Technology Park and Lonesome Pine Airport and eliminate an over 12 mile drive through downtown Wise.

Project Location..... Wise County  
SMART SCALE Area Type..... D  
Submitting Entity..... Wise County  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... District Grant  
VTrans Need..... Safety: PSI Data and Geometric Issue  
( [Click for details](#) )



**0.2**

SMART SCALE  
SCORE

**#377** OF 404 STATEWIDE

**#32** OF 42 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$77,749,000**

Total Project Cost..... **\$77,749,000**

Project Benefit..... **1.6**

Project Benefit / Total Cost..... **0.2**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                    |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted             | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 658.0<br>persons                          | 274.0<br>person hrs.           | 14.2<br>EPDO                          | 34.0<br>EPDO / 100M VMT                  | 6.5<br>jobs per resident   | 6.7<br>jobs per resident                                 | 0.0<br>adjusted users                           | 0.0<br>thousand adj sq. ft.                                | 2,310.6<br>thousand adj daily tons | 2,119,171.8<br>adj. buffer time index  | 0.0<br>adjusted points           | 1.4<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 6.5                                       | 8.4                            | 4.3                                   | 0.2                                      | 0.2                        | 0.3                                                      | 0.0                                             | 0.0                                                        | 0.1                                | 0.2                                    | 0.0                              | 2.7                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 7.5                                       |                                | 2.3                                   |                                          | 0.2                        |                                                          |                                                 | 0.1                                                        |                                    |                                        | 1.3                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 10%                                       |                                | 30%                                   |                                          | 15%                        |                                                          |                                                 | 35%                                                        |                                    |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.7                                       |                                | 0.7                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                    |                                        | 0.1                              |                                                          |                                                      |
| Project Benefit                                                | 1.6                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$77,749,000                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 0.2                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |



# PROJECT SCORECARD

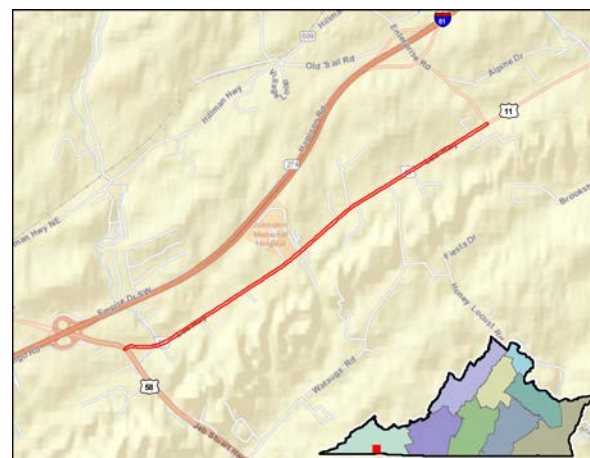
For more information on how to read a scorecard, click [here](#).

Widen US 11 between US 58 to Enterprise Rd (SR 704)

App Id: 1686

This project proposes to widen approximately 2.6 miles of US 11 from a location immediately east of the US 58 intersection to the west to the Enterprise Road (SR 704) intersection to the east, which provides direct access to I-81 via Exit 22.

Project Location..... Washington County  
SMART SCALE Area Type..... D  
Submitting Entity..... Washington County  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... Both  
VTrans Need..... Crescent Corridor CoSS  
( Click for details )



**0.7**

SMART SCALE  
SCORE

**#310** OF 404 STATEWIDE

**#16** OF 42 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$28,754,000**

Total Project Cost..... **\$28,754,000**

Project Benefit..... **2.1**

Project Benefit / Total Cost..... **0.7**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                    |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted             | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 0.0<br>persons                            | 0.0<br>person hrs.             | 21.8<br>EPDO                          | 471.7<br>EPDO / 100M VMT                 | 0.2<br>jobs per resident   | 0.2<br>jobs per resident                                 | 0.0<br>adjusted users                           | 654,899.0<br>thousand adj sq. ft.                          | 1,961.7<br>thousand adj daily tons | 4,191,389.2<br>adj. buffer time index  | 0.0<br>adjusted points           | 1.8<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.0                                       | 0.0                            | 6.6                                   | 2.4                                      | 0.0                        | 0.0                                                      | 0.0                                             | 2.3                                                        | 0.1                                | 0.3                                    | 0.0                              | 3.5                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.0                                       |                                | 4.5                                   |                                          | 0.0                        |                                                          |                                                 | 1.5                                                        |                                    |                                        | 1.7                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 10%                                       |                                | 30%                                   |                                          | 15%                        |                                                          |                                                 | 35%                                                        |                                    |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 1.4                                   |                                          | 0.0                        |                                                          |                                                 | 0.5                                                        |                                    |                                        | 0.2                              |                                                          |                                                      |
| Project Benefit                                                | 2.1                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$28,754,000                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 0.7                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

For more information on how to read a scorecard, click [here](#).

Widen US 11 between BVU to Exit 13

App Id: 1687

This project proposes to widen approximately 4.4 miles of US 11 from location beginning 400 ft west of the Prestonwood Dr (BVU Authority) intersection in the west to F-310 intersection in the east, which provides access to I-81 via Exits 10 and 13

Project Location..... Washington County  
SMART SCALE Area Type..... D  
Submitting Entity..... Washington County  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... Both  
VTrans Need..... Crescent Corridor CoSS  
( Click for details )



**0.2**

SMART SCALE  
SCORE

**#379** OF 404 STATEWIDE

**#33** OF 42 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$116,473,000**

Total Project Cost..... **\$116,473,000**

Project Benefit..... **2.4**

Project Benefit / Total Cost..... **0.2**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                    |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted             | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 11.3<br>persons                           | 6.6<br>person hrs.             | 32.6<br>EPDO                          | 240.9<br>EPDO / 100M VMT                 | 7.7<br>jobs per resident   | 7.1<br>jobs per resident                                 | 33.9<br>adjusted users                          | 386,950.0<br>thousand adj sq. ft.                          | 5,184.6<br>thousand adj daily tons | 19,729,624.3<br>adj. buffer time index | 45.2<br>adjusted points          | 2.0<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.1                                       | 0.2                            | 9.9                                   | 1.2                                      | 0.3                        | 0.3                                                      | 0.2                                             | 1.4                                                        | 0.3                                | 1.4                                    | 0.3                              | 4.0                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.2                                       |                                | 5.6                                   |                                          | 0.3                        |                                                          |                                                 | 1.2                                                        |                                    |                                        | 2.1                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 10%                                       |                                | 30%                                   |                                          | 15%                        |                                                          |                                                 | 35%                                                        |                                    |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 1.7                                   |                                          | 0.0                        |                                                          |                                                 | 0.4                                                        |                                    |                                        | 0.2                              |                                                          |                                                      |
| Project Benefit                                                | 2.4                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$116,473,000                             |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 0.2                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

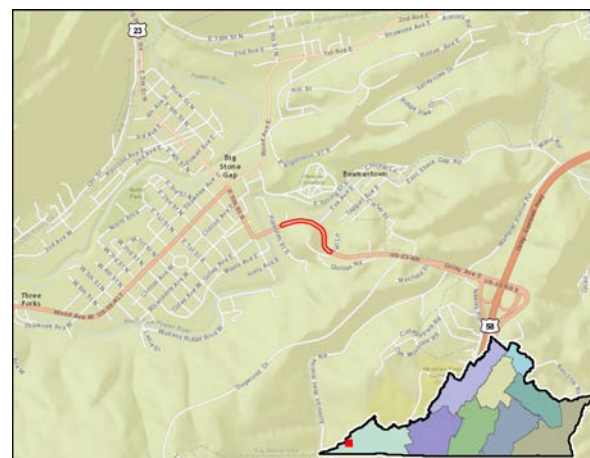
For more information on how to read a scorecard, click [here](#).

Gilley Avenue Corridor Safety Improvements

App Id: 1689

The improvements are to: increase the shoulder on the eastbound lane of Gilley Avenue to six feet; overlay existing pavement; and increase available sight distances by reducing obstructions by cutting back embankment slopes and removing vegetation.

Project Location..... Big Stone Gap  
SMART SCALE Area Type..... D  
Submitting Entity..... Big Stone Gap Town  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... District Grant  
VTrans Need..... Safety: PSI Data and Geometric Issue  
( [Click for details](#) )



**2.6**

SMART SCALE  
SCORE

**#193** OF 404 STATEWIDE

**#7** OF 42 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$3,330,000**

Total Project Cost..... **\$3,330,000**

Project Benefit..... **0.9**

Project Benefit / Total Cost..... **2.6**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 0.0<br>persons                            | 0.0<br>person hrs.             | 4.6<br>EPDO                           | 768.0<br>EPDO / 100M VMT                 | 1.0<br>jobs per resident   | 1.0<br>jobs per resident                                 | 0.0<br>adjusted users                           | 0.0<br>thousand adj sq. ft.                                | 0.0<br>thousand adj daily tons | 0.0<br>adj. buffer time index          | 0.0<br>adjusted points           | 0.7<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.0                                       | 0.0                            | 1.4                                   | 4.0                                      | 0.0                        | 0.0                                                      | 0.0                                             | 0.0                                                        | 0.0                            | 0.0                                    | 0.0                              | 1.4                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.0                                       |                                | 2.7                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.7                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 10%                                       |                                | 30%                                   |                                          | 15%                        |                                                          |                                                 | 35%                                                        |                                |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.8                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.1                              |                                                          |                                                      |
| Project Benefit                                                | 0.9                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$3,330,000                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 2.6                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |



# PROJECT SCORECARD

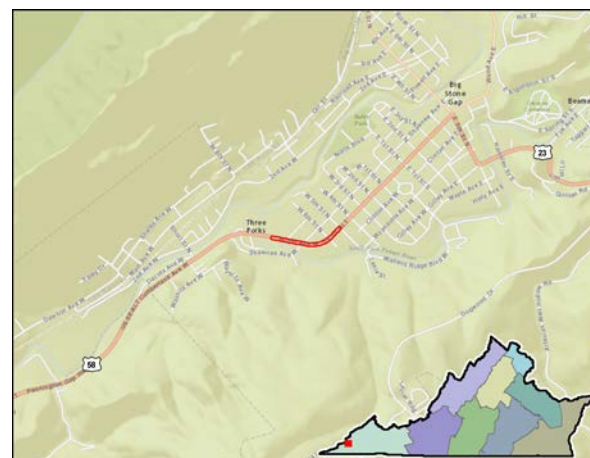
For more information on how to read a scorecard, click [here](#).

US 58 ALT between Shawnee Ave to 5th Street Access Management

App Id: 1692

The proposed project widens US 58 ALT to a three lane typical section to serve other intermittent site access driveways along the corridor, and will also address existing management issues along this section of roadway .

Project Location..... Big Stone Gap  
SMART SCALE Area Type..... D  
Submitting Entity..... Big Stone Gap Town  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... District Grant  
VTrans Need..... Safety: Geometric and Access Issue  
( [Click for details](#) )



**0.2**

SMART SCALE  
SCORE

**#383** OF 404 STATEWIDE

**#34** OF 42 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$5,908,000**

Total Project Cost..... **\$5,908,000**

Project Benefit..... **0.1**

Project Benefit / Total Cost..... **0.2**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 0.0<br>persons                            | 0.0<br>person hrs.             | 0.5<br>EPDO                           | 80.3<br>EPDO / 100M VMT                  | 0.1<br>jobs per resident   | 0.1<br>jobs per resident                                 | 0.0<br>adjusted users                           | 0.0<br>thousand adj sq. ft.                                | 0.0<br>thousand adj daily tons | 180,380.3<br>adj. buffer time index    | 0.0<br>adjusted points           | 0.1<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.0                                       | 0.0                            | 0.2                                   | 0.4                                      | 0.0                        | 0.0                                                      | 0.0                                             | 0.0                                                        | 0.0                            | 0.0                                    | 0.0                              | 0.2                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.0                                       |                                | 0.3                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.1                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 10%                                       |                                | 30%                                   |                                          | 15%                        |                                                          |                                                 | 35%                                                        |                                |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.1                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.0                              |                                                          |                                                      |
| Project Benefit                                                | 0.1                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$5,908,000                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 0.2                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |



# PROJECT SCORECARD

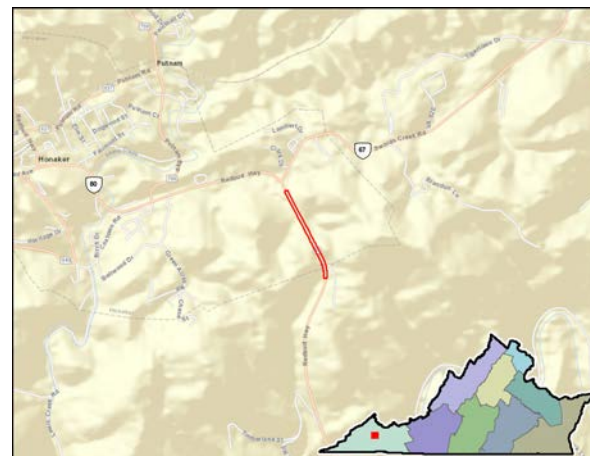
For more information on how to read a scorecard, click [here](#).

Route 80 Project 2

App Id: 1703

Route 80 Climbing lanes - Project 2

Project Location..... Russell County  
 SMART SCALE Area Type..... D  
 Submitting Entity..... Russell County  
 Preliminary Engineering..... Not Started  
 Right of Way..... Not Started  
 Construction..... Not Started  
 Expenditures to Date..... N/A  
 Key Fund Sources..... N/A  
 Administered By..... VDOT  
 Eligible Funding Program(s)..... District Grant  
 VTrans Need..... Safety: Crash History and Geometric Issue  
 ( Click for details )



**0.0**

SMART SCALE  
SCORE

**#396** OF 404 STATEWIDE

**#39** OF 42 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$6,249,000**

Total Project Cost..... **\$6,249,000**

Project Benefit..... **0.0**

Project Benefit / Total Cost..... **0.0**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 0.0<br>persons                            | 0.0<br>person hrs.             | 0.0<br>EPDO                           | 0.0<br>EPDO / 100M VMT                   | 0.1<br>jobs per resident   | 0.1<br>jobs per resident                                 | 0.0<br>adjusted users                           | 0.0<br>thousand adj sq. ft.                                | 0.0<br>thousand adj daily tons | 286,611.0<br>adj. buffer time index    | 0.0<br>adjusted points           | 0.0<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.0                                       | 0.0                            | 0.0                                   | 0.0                                      | 0.0                        | 0.0                                                      | 0.0                                             | 0.0                                                        | 0.0                            | 0.0                                    | 0.0                              | 0.0                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.0                                       |                                | 0.0                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.0                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 10%                                       |                                | 30%                                   |                                          | 15%                        |                                                          |                                                 | 35%                                                        |                                |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.0                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.0                              |                                                          |                                                      |
| Project Benefit                                                | 0.0                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$6,249,000                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 0.0                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

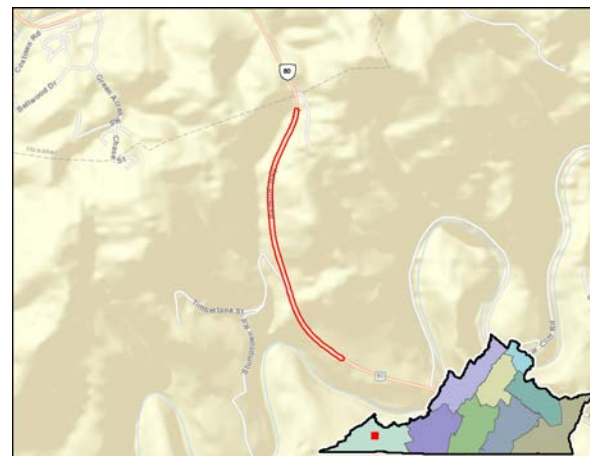
For more information on how to read a scorecard, click here.

Route 80 Project 3

App Id: 1704

Route 80 Climbing Lanes - Project 3

Project Location..... Russell County  
SMART SCALE Area Type..... D  
Submitting Entity..... Russell County  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... District Grant  
VTrans Need..... Safety: Crash History and Geometric Issue  
( Click for details )



**0.7**

SMART SCALE  
SCORE

**#312** OF 404 STATEWIDE

**#17** OF 42 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$12,517,000**

Total Project Cost..... **\$12,517,000**

Project Benefit..... **0.9**

Project Benefit / Total Cost..... **0.7**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 0.0<br>persons                            | 0.0<br>person hrs.             | 10.0<br>EPDO                          | 447.9<br>EPDO / 100M VMT                 | 0.4<br>jobs per resident   | 0.4<br>jobs per resident                                 | 0.0<br>adjusted users                           | 0.0<br>thousand adj sq. ft.                                | 0.0<br>thousand adj daily tons | 913,530.4<br>adj. buffer time index    | 0.0<br>adjusted points           | 0.7<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.0                                       | 0.0                            | 3.0                                   | 2.3                                      | 0.0                        | 0.0                                                      | 0.0                                             | 0.0                                                        | 0.0                            | 0.1                                    | 0.0                              | 1.3                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.0                                       |                                | 2.7                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.7                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 10%                                       |                                | 30%                                   |                                          | 15%                        |                                                          |                                                 | 35%                                                        |                                |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.8                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.1                              |                                                          |                                                      |
| Project Benefit                                                | 0.9                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$12,517,000                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 0.7                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

For more information on how to read a scorecard, click [here](#).

US 11/19 at SR 140 (Jonesboro Rd) Intersection Improvements

App Id: 1712

This project improves the operational conditions at the intersection and connects and coordinates this signalized intersection with the signalized intersection of Jonesboro Road at VHCC Drive, which is located approximately 400 feet to the south.

Project Location..... Abingdon Town  
SMART SCALE Area Type..... D  
Submitting Entity..... Abingdon Town  
Preliminary Engineering..... Not Started  
Right of Way..... Not Needed  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... Both  
VTrans Need..... Crescent Corridor CoSS  
( Click for details )



**2.0**

SMART SCALE  
SCORE

**#231** OF 404 STATEWIDE

**#8** OF 42 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$1,113,000**

Total Project Cost..... **\$1,113,000**

Project Benefit..... **0.2**

Project Benefit / Total Cost..... **2.0**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 0.0<br>persons                            | 0.0<br>person hrs.             | 2.2<br>EPDO                           | 113.4<br>EPDO / 100M VMT                 | 0.0<br>jobs per resident   | 0.0<br>jobs per resident                                 | 0.0<br>adjusted users                           | 0.0<br>thousand adj sq. ft.                                | 0.0<br>thousand adj daily tons | 1,465,214.9<br>adj. buffer time index  | 0.0<br>adjusted points           | 0.2<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.0                                       | 0.0                            | 0.7                                   | 0.6                                      | 0.0                        | 0.0                                                      | 0.0                                             | 0.0                                                        | 0.0                            | 0.1                                    | 0.0                              | 0.4                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.0                                       |                                | 0.6                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.2                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 10%                                       |                                | 30%                                   |                                          | 15%                        |                                                          |                                                 | 35%                                                        |                                |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.2                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.0                              |                                                          |                                                      |
| Project Benefit                                                | 0.2                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$1,113,000                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 2.0                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

For more information on how to read a scorecard, click here.

US 11 at SR 16 Intersection Improvements

App Id: 1731

US 11 at SR 16 Intersection Improvements

Project Location..... Marion Town  
SMART SCALE Area Type..... D  
Submitting Entity..... Marion Town  
Preliminary Engineering..... Not Needed  
Right of Way..... Not Needed  
Construction..... Not Needed  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... Both  
VTrans Need..... Crescent Corridor CoSS  
( Click for details )



**8.5**

SMART SCALE  
SCORE

**#89**

OF 404 STATEWIDE

**#1**

OF 42 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$942,000**

Total Project Cost..... **\$942,000**

Project Benefit..... **0.8**

Project Benefit / Total Cost..... **8.5**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 13.2<br>persons                           | 0.5<br>person hrs.             | 3.9<br>EPDO                           | 702.6<br>EPDO / 100M VMT                 | 0.0<br>jobs per resident   | 0.0<br>jobs per resident                                 | 19.8<br>adjusted users                          | 0.0<br>thousand adj sq. ft.                                | 0.0<br>thousand adj daily tons | 905,503.9<br>adj. buffer time index    | 26.4<br>adjusted points          | 0.6<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.1                                       | 0.0                            | 1.2                                   | 3.6                                      | 0.0                        | 0.0                                                      | 0.1                                             | 0.0                                                        | 0.0                            | 0.1                                    | 0.2                              | 1.1                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.1                                       |                                | 2.4                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.6                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 10%                                       |                                | 30%                                   |                                          | 15%                        |                                                          |                                                 | 35%                                                        |                                |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.7                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.1                              |                                                          |                                                      |
| Project Benefit                                                | 0.8                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$942,000                                 |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 8.5                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |



## CULPEPER DISTRICT

## CULPEPER DISTRICT

| App # | Project Name                                                 | District Rank | State Rank | Smart Score | Page # |
|-------|--------------------------------------------------------------|---------------|------------|-------------|--------|
| 1403  | Route 20/649 Intersection Improvements                       | 1             | 65         | 12.0        | 02-27  |
| 1404  | Route 151/US 250 Intersection Improvements                   | 2             | 79         | 9.7         | 02-28  |
| 1167  | Route 670 Connector Road                                     | 3             | 88         | 8.6         | 02-11  |
| 1080  | Barracks Road at Emmet Street Intersection Improvements      | 4             | 90         | 8.5         | 02-07  |
| 1356  | Route 601 Low-Speed Curve Realignment #2                     | 5             | 93         | 8.4         | 02-18  |
| 1398  | Exit 118 WB I64/NB Route29                                   | 6             | 95         | 7.8         | 02-26  |
| 1408  | Rio Mills Rd/Berkmar Dr Extended Connection                  | 7             | 112        | 6.8         | 02-31  |
| 1386  | Exit 124 (Interstate 64)                                     | 8             | 115        | 6.5         | 02-23  |
| 1162  | Route 208-522 Intersection Improvements                      | 9             | 116        | 6.4         | 02-10  |
| 1267  | Broadview Avenue Access Management Improvements              | 10            | 120        | 6.2         | 02-15  |
| 1079  | West Main Street Streetscape                                 | 11            | 121        | 6.1         | 02-06  |
| 1380  | Improve Intersection of Frost w/Broadview-W.Shirley Avenues  | 12            | 135        | 5.2         | 02-21  |
| 1405  | Route 240/US 250 Intersection Improvements                   | 13            | 146        | 4.1         | 02-29  |
| 1516  | Meeting St Extended                                          | 14            | 157        | 3.6         | 02-34  |
| 1378  | Route 208 Upgrade UPC104110                                  | 15            | 159        | 3.5         | 02-20  |
| 1028  | Rt 28 & Schoolhouse Road (Rt 661) Intersection Improvements  | 16            | 176        | 3.1         | 02-02  |
| 1406  | US 250/Radford Lane Roundabout                               | 17            | 214        | 2.2         | 02-30  |
| 1392  | Lewis & Clarke Dr Extension to Innovation Dr/Airport Rd      | 18            | 223        | 2.0         | 02-25  |
| 1355  | Route 601 Low-Speed Curve Realignment #1                     | 19            | 225        | 2.0         | 02-17  |
| 1385  | Free Bridge Congestion Relief                                | 20            | 227        | 2.0         | 02-22  |
| 1160  | Route 15-33 Intersection Improvements                        | 21            | 233        | 1.9         | 02-08  |
| 1337  | Route 600/618 Intersection Improvements                      | 22            | 248        | 1.6         | 02-16  |
| 1237  | Rt. 229 & Rt. 640 Intersection Improvements                  | 23            | 265        | 1.3         | 02-13  |
| 1161  | Route 15-22 Intersection Improvements                        | 24            | 269        | 1.2         | 02-09  |
| 1032  | Route 29 NB Corridor Safety Improvements                     | 25            | 275        | 1.1         | 02-05  |
| 1387  | Interstate 64 - Exit 118                                     | 26            | 290        | 0.9         | 02-24  |
| 1490  | Route 522 / Route 20 Roundabout                              | 27            | 294        | 0.9         | 02-33  |
| 1168  | Rt. 15/29 Business Widening Including Pedestrian/Bike Access | 28            | 301        | 0.8         | 02-12  |
| 1023  | Whiting Road Railroad Crossing                               | 29            | 308        | 0.7         | 02-01  |
| 1477  | Route 22/208 Safety Improvements                             | 30            | 309        | 0.7         | 02-32  |
| 1031  | Route 28 & Route 603/616 Roundabout                          | 31            | 331        | 0.5         | 02-04  |
| 1551  | Rogues Road Sections 1-4                                     | 32            | 338        | 0.5         | 02-35  |
| 1264  | Rt. 663/Stevensburg Rd. Shoulder & Safety Improvements       | 33            | 343        | 0.4         | 02-14  |
| 1030  | Rogues Road (Rt. 602) Reconstruction                         | 34            | 351        | 0.4         | 02-03  |
| 1377  | Route 208 Safety Improvements East of route 652              | 35            | 365        | 0.3         | 02-19  |

# PROJECT SCORECARD

For more information on how to read a scorecard, click [here](#).

Whiting Road Railroad Crossing

App Id: 1023

Construct the missing section of Whiting Road (Rt. 622) across the Norfolk-Southern Railway for access as the 17/66 Industrial Park develops in the designated growth area of the Marshall Service District.

Project Location..... Fauquier County  
SMART SCALE Area Type..... C  
Submitting Entity..... Fauquier County  
Preliminary Engineering..... Underway  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... \$163,971  
Key Fund Sources..... Fed-State Disc  
Administered By..... VDOT  
Eligible Funding Program(s)..... District Grant  
VTrans Need..... Marshall Service District  
( Click for details )



**0.7**

SMART SCALE  
SCORE

**#308** OF 404 STATEWIDE

**#29** OF 35 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$1,318,500**

Total Project Cost..... **\$2,045,000**

Project Benefit..... **0.1**

Project Benefit / Total Cost..... **0.5**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 41.0<br>persons                           | 20.0<br>person hrs.            | 0.0<br>EPDO                           | 0.0<br>EPDO / 100M VMT                   | 0.0<br>jobs per resident   | 0.0<br>jobs per resident                                 | 0.0<br>adjusted users                           | 21,453.0<br>thousand adj sq. ft.                           | 0.0<br>thousand adj daily tons | 0.0<br>adj. buffer time index          | 0.0<br>adjusted points           | 0.1<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.4                                       | 0.6                            | 0.0                                   | 0.0                                      | 0.0                        | 0.0                                                      | 0.0                                             | 0.1                                                        | 0.0                            | 0.0                                    | 0.0                              | 0.2                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.5                                       |                                | 0.0                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.1                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 25%                                   |                                          | 25%                        |                                                          |                                                 | 25%                                                        |                                |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.1                                       |                                | 0.0                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.0                              |                                                          |                                                      |
| Project Benefit                                                | 0.1                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$1,318,500                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 0.7                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

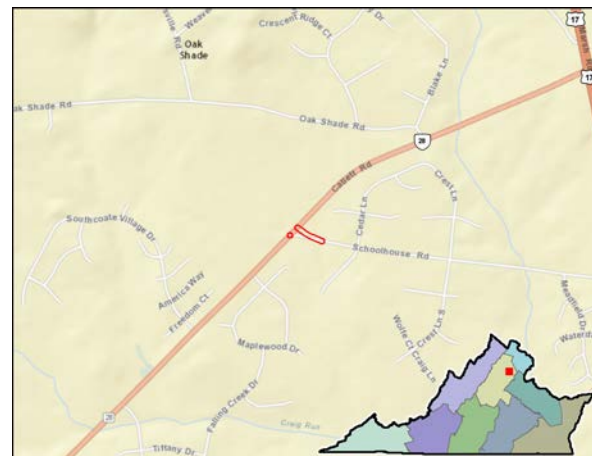
For more information on how to read a scorecard, click [here](#).

Rt 28 & Schoolhouse Road (Rt 661) Intersection Improvements

App Id: 1028

Improve the safety at the intersection of Route 28 and Schoolhouse Road (Route 661) by realigning Schoolhouse Road at its intersection with Route 28. This intersection is ranked #15 in the district based on its crash rate.

Project Location..... Fauquier County  
SMART SCALE Area Type..... C  
Submitting Entity..... Fauquier County  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... Both  
VTrans Need..... Seminole Corridor CoSS  
( Click for details )



**3.1**

SMART SCALE  
SCORE

**#176** OF 404 STATEWIDE

**#16** OF 35 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$5,150,000**

Total Project Cost..... **\$5,150,000**

Project Benefit..... **1.6**

Project Benefit / Total Cost..... **3.1**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 0.0<br>persons                            | 0.1<br>person hrs.             | 4.2<br>EPDO                           | 1,763.9<br>EPDO / 100M VMT               | 0.0<br>jobs per resident   | 0.0<br>jobs per resident                                 | 0.0<br>adjusted users                           | 293,050.0<br>thousand adj sq. ft.                          | 0.0<br>thousand adj daily tons | 0.0<br>adj. buffer time index          | 0.0<br>adjusted points           | 1.3<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.0                                       | 0.0                            | 1.3                                   | 9.1                                      | 0.0                        | 0.0                                                      | 0.0                                             | 1.0                                                        | 0.0                            | 0.0                                    | 0.0                              | 2.6                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.0                                       |                                | 5.2                                   |                                          | 0.0                        |                                                          |                                                 | 0.6                                                        |                                |                                        | 1.3                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 25%                                   |                                          | 25%                        |                                                          |                                                 | 25%                                                        |                                |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 1.3                                   |                                          | 0.0                        |                                                          |                                                 | 0.2                                                        |                                |                                        | 0.1                              |                                                          |                                                      |
| Project Benefit                                                | 1.6                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$5,150,000                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 3.1                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |



# PROJECT SCORECARD

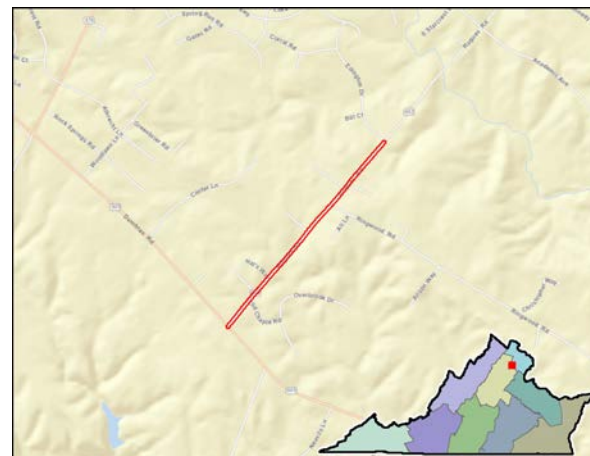
For more information on how to read a scorecard, click [here](#).

Rogues Road (Rt. 602) Reconstruction

App Id: 1030

Reconstruct Rogues Road (Rt. 602) from Dumfries Rd (Rt. 605) to Edington Dr (Rt. 1653). The intersection of Rogues Rd and Dumfries Rd is ranked #19 in the Culpeper District & the section of Rogues Rd between Route 669 & Kettle Run is ranked #25.

Project Location..... Fauquier County  
SMART SCALE Area Type..... C  
Submitting Entity..... Fauquier County  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... District Grant  
VTrans Need..... New Baltimore Service District  
( [Click for details](#) )



**0.4**

SMART SCALE  
SCORE

**#351** OF 404 STATEWIDE

**#34** OF 35 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$12,500,000**

Total Project Cost..... **\$12,500,000**

Project Benefit..... **0.5**

Project Benefit / Total Cost..... **0.4**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 0.0<br>persons                            | 0.0<br>person hrs.             | 5.6<br>EPDO                           | 203.8<br>EPDO / 100M VMT                 | 2.0<br>jobs per resident   | 2.0<br>jobs per resident                                 | 0.0<br>adjusted users                           | 113,020.8<br>thousand adj sq. ft.                          | 0.0<br>thousand adj daily tons | 0.0<br>adj. buffer time index          | 0.0<br>adjusted points           | 0.3<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.0                                       | 0.0                            | 1.7                                   | 1.1                                      | 0.1                        | 0.1                                                      | 0.0                                             | 0.4                                                        | 0.0                            | 0.0                                    | 0.0                              | 0.7                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.0                                       |                                | 1.4                                   |                                          | 0.1                        |                                                          |                                                 | 0.2                                                        |                                |                                        | 0.3                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 25%                                   |                                          | 25%                        |                                                          |                                                 | 25%                                                        |                                |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.3                                   |                                          | 0.0                        |                                                          |                                                 | 0.1                                                        |                                |                                        | 0.0                              |                                                          |                                                      |
| Project Benefit                                                | 0.5                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$12,500,000                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 0.4                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

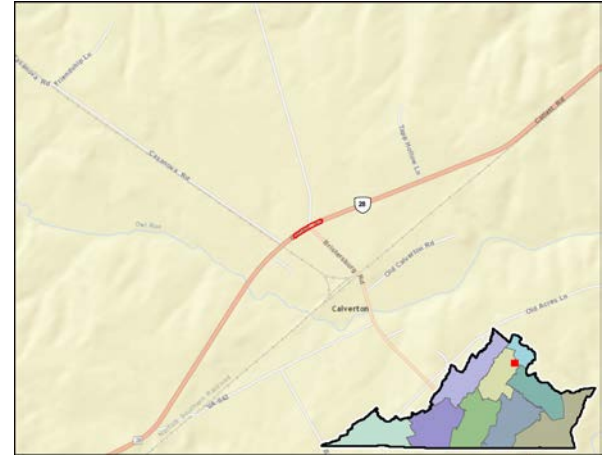
For more information on how to read a scorecard, click [here](#).

Route 28 & Route 603/616 Roundabout

App Id: 1031

Realign Routes 603 and 616 and construct a roundabout at their intersection with Route 28.

Project Location..... Fauquier County  
SMART SCALE Area Type..... C  
Submitting Entity..... Fauquier County  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... District Grant  
VTrans Need..... Calverton Service District  
( Click for details )



**0.5**

SMART SCALE  
SCORE

**#331** OF 404 STATEWIDE

**#31** OF 35 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$7,420,000**

Total Project Cost..... **\$7,420,000**

Project Benefit..... **0.4**

Project Benefit / Total Cost..... **0.5**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 16.2<br>persons                           | 0.0<br>person hrs.             | 1.6<br>EPDO                           | 415.9<br>EPDO / 100M VMT                 | 0.0<br>jobs per resident   | 0.0<br>jobs per resident                                 | 48.5<br>adjusted users                          | 0.0<br>thousand adj sq. ft.                                | 0.0<br>thousand adj daily tons | 190,653.8<br>adj. buffer time index    | 64.7<br>adjusted points          | 0.3<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.2                                       | 0.0                            | 0.5                                   | 2.2                                      | 0.0                        | 0.0                                                      | 0.3                                             | 0.0                                                        | 0.0                            | 0.0                                    | 0.4                              | 0.5                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.1                                       |                                | 1.3                                   |                                          | 0.1                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.5                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 25%                                   |                                          | 25%                        |                                                          |                                                 | 25%                                                        |                                |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.3                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.0                              |                                                          |                                                      |
| Project Benefit                                                | 0.4                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$7,420,000                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 0.5                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

For more information on how to read a scorecard, click [here](#).

Route 29 NB Corridor Safety Improvements

App Id: 1032

Correct the vertical alignment of US 29 NB just south of Vint Hill Road (Rt. 215) to improve sight distance and address safety issues. The intersection of US 29 and Route 215 has the highest crash rate in the Culpeper District due to the hills.

Project Location..... Fauquier County  
SMART SCALE Area Type..... C  
Submitting Entity..... Fauquier County  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... Both  
VTrans Need..... Seminole Corridor CoSS  
( Click for details )



**1.1**

SMART SCALE  
SCORE

**#275** OF 404 STATEWIDE

**#25** OF 35 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$6,700,000**

Total Project Cost..... **\$6,700,000**

Project Benefit..... **0.7**

Project Benefit / Total Cost..... **1.1**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 0.0<br>persons                            | 0.0<br>person hrs.             | 10.1<br>EPDO                          | 342.4<br>EPDO / 100M VMT                 | 0.0<br>jobs per resident   | 0.0<br>jobs per resident                                 | 0.0<br>adjusted users                           | 142,763.2<br>thousand adj sq. ft.                          | 0.0<br>thousand adj daily tons | 1,281,036.3<br>adj. buffer time index  | 0.0<br>adjusted points           | 0.5<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.0                                       | 0.0                            | 3.1                                   | 1.8                                      | 0.0                        | 0.0                                                      | 0.0                                             | 0.5                                                        | 0.0                            | 0.1                                    | 0.0                              | 1.0                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.0                                       |                                | 2.4                                   |                                          | 0.0                        |                                                          |                                                 | 0.3                                                        |                                |                                        | 0.5                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 25%                                   |                                          | 25%                        |                                                          |                                                 | 25%                                                        |                                |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.6                                   |                                          | 0.0                        |                                                          |                                                 | 0.1                                                        |                                |                                        | 0.0                              |                                                          |                                                      |
| Project Benefit                                                | 0.7                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$6,700,000                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 1.1                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

For more information on how to read a scorecard, click [here](#).

West Main Street Streetscape

App Id: 1079

West Main Street provides a critical transportation linkage between the University of Virginia and the City's Downtown. A community-focused design process has yielded solutions that improve the safety, efficiency, and aesthetic of the street.

Project Location..... Charlottesville  
SMART SCALE Area Type..... B  
Submitting Entity..... Charlottesville City  
Preliminary Engineering..... Underway  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... Locality  
Eligible Funding Program(s)..... District Grant  
VTrans Need..... Charlottesville UDA  
( Click for details )



**6.1**

SMART SCALE  
SCORE

**#121** OF 404 STATEWIDE

**#11** OF 35 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$18,297,920**

Total Project Cost..... **\$29,968,420**

Project Benefit..... **11.2**

Project Benefit / Total Cost..... **3.8**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 44.7<br>persons                           | 0.0<br>person hrs.             | 8.4<br>EPDO                           | 95.6<br>EPDO / 100M VMT                  | 0.0<br>jobs per resident   | 0.0<br>jobs per resident                                 | 223.7<br>adjusted users                         | 2,859,500.0<br>thousand adj sq. ft.                        | 0.0<br>thousand adj daily tons | 3,039,028.8<br>adj. buffer time index  | 223.7<br>adjusted points         | 8.5<br>scaled points                                     | 98,590.0<br>adjusted jobs & pop.                     |
| Normalized Measure Value (0-100)                               | 0.4                                       | 0.0                            | 2.6                                   | 0.5                                      | 0.0                        | 0.0                                                      | 1.5                                             | 10.1                                                       | 0.0                            | 0.2                                    | 1.3                              | 16.6                                                     | 87.1                                                 |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 0.2                                       |                                | 1.5                                   |                                          | 0.3                        |                                                          |                                                 | 6.1                                                        |                                |                                        | 8.9                              |                                                          | 87.1                                                 |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 20%                                   |                                          | 25%                        |                                                          |                                                 | 20%                                                        |                                |                                        | 10%                              |                                                          | 10%                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.3                                   |                                          | 0.1                        |                                                          |                                                 | 1.2                                                        |                                |                                        | 0.9                              |                                                          | 8.7                                                  |
| Project Benefit                                                | 11.2                                      |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$18,297,920                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 6.1                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |



# PROJECT SCORECARD

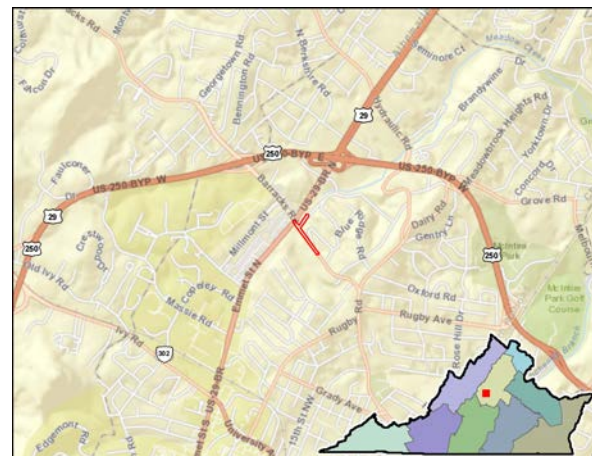
For more information on how to read a scorecard, click here.

Barracks Road at Emmet Street Intersection Improvements

App Id: 1080

Right turn lanes will be added to northbound Emmet St (Rt 29) and westbound Barracks Rd, bike/ped improvements and improvements to existing transit facilities.

Project Location..... Charlottesville  
SMART SCALE Area Type..... B  
Submitting Entity..... Charlottesville City  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... Locality  
Eligible Funding Program(s)..... Both  
VTrans Need..... Seminole Corridor CoSS  
( Click for details )



**8.5**

SMART SCALE  
SCORE

**#90**

OF 404 STATEWIDE

**#4**

OF 35 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$8,640,866**

Total Project Cost..... **\$8,640,866**

Project Benefit..... **7.3**

Project Benefit / Total Cost..... **8.5**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                    |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted             | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 37.2<br>persons                           | 7.5<br>person hrs.             | 10.4<br>EPDO                          | 197.7<br>EPDO / 100M VMT                 | 2.2<br>jobs per resident   | 2.4<br>jobs per resident                                 | 186.0<br>adjusted users                         | 74,749.5<br>thousand adj sq. ft.                           | 4,785.6<br>thousand adj daily tons | 5,753,470.9<br>adj. buffer time index  | 186.0<br>adjusted points         | 6.3<br>scaled points                                     | 68,620.6<br>adjusted jobs & pop.                     |
| Normalized Measure Value (0-100)                               | 0.4                                       | 0.2                            | 3.2                                   | 1.0                                      | 0.1                        | 0.1                                                      | 1.3                                             | 0.3                                                        | 0.3                                | 0.4                                    | 1.1                              | 12.2                                                     | 60.6                                                 |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 0.3                                       |                                | 2.1                                   |                                          | 0.3                        |                                                          |                                                 | 0.3                                                        |                                    |                                        | 6.7                              |                                                          | 60.6                                                 |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 20%                                   |                                          | 25%                        |                                                          |                                                 | 20%                                                        |                                    |                                        | 10%                              |                                                          | 10%                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.4                                   |                                          | 0.1                        |                                                          |                                                 | 0.1                                                        |                                    |                                        | 0.7                              |                                                          | 6.1                                                  |
| Project Benefit                                                | 7.3                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$8,640,866                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 8.5                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

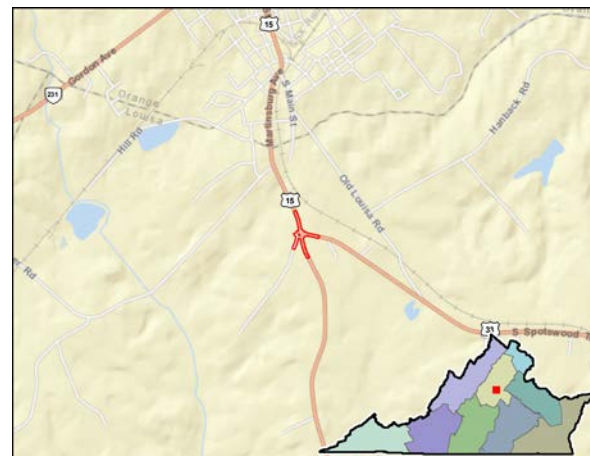
For more information on how to read a scorecard, click [here](#).

Route 15-33 Intersection Improvements

App Id: 1160

The project will reconstruct the intersection of Route 15/33 as a roundabout

Project Location..... Louisa County  
 SMART SCALE Area Type..... C  
 Submitting Entity..... Louisa County  
 Preliminary Engineering..... Not Started  
 Right of Way..... Not Started  
 Construction..... Not Started  
 Expenditures to Date..... N/A  
 Key Fund Sources..... N/A  
 Administered By..... VDOT  
 Eligible Funding Program(s)..... District Grant  
 VTrans Need..... Safety: PSI Data and Geometric Issue  
 ( [Click for details](#) )



**1.9**

SMART SCALE  
SCORE

**#233** OF 404 STATEWIDE

**#21** OF 35 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$5,600,000**

Total Project Cost..... **\$5,600,000**

Project Benefit..... **1.1**

Project Benefit / Total Cost..... **1.9**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 61.5<br>persons                           | 7.2<br>person hrs.             | 4.0<br>EPDO                           | 1,121.5<br>EPDO / 100M VMT               | 0.0<br>jobs per resident   | 0.0<br>jobs per resident                                 | 4.5<br>adjusted users                           | 0.0<br>thousand adj sq. ft.                                | 0.0<br>thousand adj daily tons | 83,171.8<br>adj. buffer time index     | 106.1<br>adjusted points         | 0.9<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.6                                       | 0.2                            | 1.2                                   | 5.8                                      | 0.0                        | 0.0                                                      | 0.0                                             | 0.0                                                        | 0.0                            | 0.0                                    | 0.6                              | 1.8                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.4                                       |                                | 3.5                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 1.2                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 25%                                   |                                          | 25%                        |                                                          |                                                 | 25%                                                        |                                |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.1                                       |                                | 0.9                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.1                              |                                                          |                                                      |
| Project Benefit                                                | 1.1                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$5,600,000                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 1.9                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

For more information on how to read a scorecard, click [here](#).

Route 15-22 Intersection Improvements

App Id: 1161

The project will reconstruct the intersection of Route 15/22 as a roundabout

Project Location..... Louisa County  
 SMART SCALE Area Type..... C  
 Submitting Entity..... Louisa County  
 Preliminary Engineering..... Not Started  
 Right of Way..... Not Started  
 Construction..... Not Started  
 Expenditures to Date..... N/A  
 Key Fund Sources..... N/A  
 Administered By..... VDOT  
 Eligible Funding Program(s)..... District Grant  
 VTrans Need..... Safety: PSI Data and Geometric Issue  
 ( [Click for details](#) )



**1.2**

SMART SCALE  
SCORE

**#269** OF 404 STATEWIDE

**#24** OF 35 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$8,500,000**

Total Project Cost..... **\$8,500,000**

Project Benefit..... **1.0**

Project Benefit / Total Cost..... **1.2**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 0.0<br>persons                            | 0.0<br>person hrs.             | 7.8<br>EPDO                           | 1,026.9<br>EPDO / 100M VMT               | 0.0<br>jobs per resident   | 0.0<br>jobs per resident                                 | 0.0<br>adjusted users                           | 0.0<br>thousand adj sq. ft.                                | 0.0<br>thousand adj daily tons | 148,109.8<br>adj. buffer time index    | 0.0<br>adjusted points           | 0.8<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.0                                       | 0.0                            | 2.4                                   | 5.3                                      | 0.0                        | 0.0                                                      | 0.0                                             | 0.0                                                        | 0.0                            | 0.0                                    | 0.0                              | 1.6                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.0                                       |                                | 3.8                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.8                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 25%                                   |                                          | 25%                        |                                                          |                                                 | 25%                                                        |                                |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 1.0                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.1                              |                                                          |                                                      |
| Project Benefit                                                | 1.0                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$8,500,000                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 1.2                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

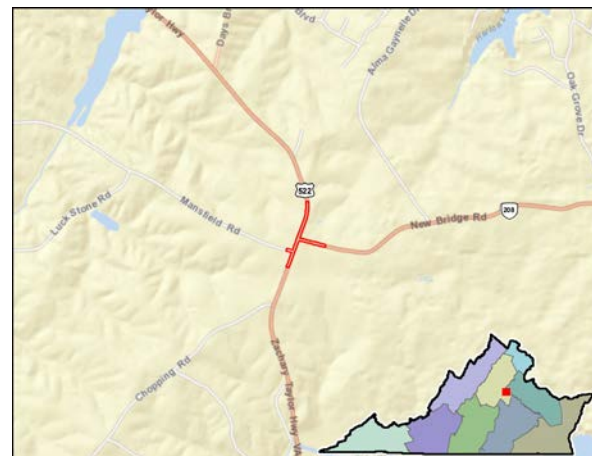
For more information on how to read a scorecard, click [here](#).

Route 208-522 Intersection Improvements

App Id: 1162

The project will reconstruct the intersection of Route 208/522 as a roundabout

Project Location..... Louisa County  
SMART SCALE Area Type..... C  
Submitting Entity..... Louisa County  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... District Grant  
VTrans Need..... Safety: PSI Data and Geometric Issue  
( Click for details )



**6.4**

SMART SCALE  
SCORE

**#116** OF 404 STATEWIDE

**#9** OF 35 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$5,400,000**

Total Project Cost..... **\$5,400,000**

Project Benefit..... **3.4**

Project Benefit / Total Cost..... **6.4**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 14.4<br>persons                           | 2.8<br>person hrs.             | 10.4<br>EPDO                          | 4,157.4<br>EPDO / 100M VMT               | 0.0<br>jobs per resident   | 0.0<br>jobs per resident                                 | 43.2<br>adjusted users                          | 43,500.0<br>thousand adj sq. ft.                           | 0.0<br>thousand adj daily tons | 55,734.8<br>adj. buffer time index     | 57.6<br>adjusted points          | 3.0<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.1                                       | 0.1                            | 3.2                                   | 21.5                                     | 0.0                        | 0.0                                                      | 0.3                                             | 0.2                                                        | 0.0                            | 0.0                                    | 0.3                              | 5.8                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.1                                       |                                | 12.3                                  |                                          | 0.1                        |                                                          |                                                 | 0.1                                                        |                                |                                        | 3.1                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 25%                                   |                                          | 25%                        |                                                          |                                                 | 25%                                                        |                                |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 3.1                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.3                              |                                                          |                                                      |
| Project Benefit                                                | 3.4                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$5,400,000                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 6.4                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |



# PROJECT SCORECARD

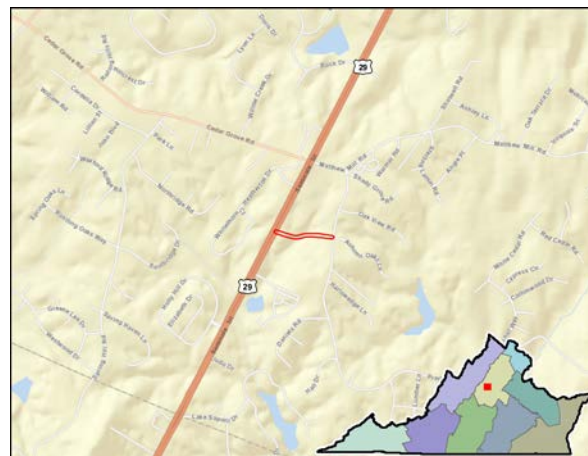
For more information on how to read a scorecard, click [here](#).

Route 670 Connector Road

App Id: 1167

Connector road from Route 670 to Route 29 to address congestion and safety issues. The design for the Route 607 improvements take this proposed connector road into consideration.

Project Location..... Greene County  
SMART SCALE Area Type..... C  
Submitting Entity..... Greene County  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... District Grant  
VTrans Need..... Corner Store UDA  
( Click for details )



**8.6**

SMART SCALE  
SCORE

**#88**

OF 404 STATEWIDE

**#3**

OF 35 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$5,400,000**

Total Project Cost..... **\$5,400,000**

Project Benefit..... **4.6**

Project Benefit / Total Cost..... **8.6**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                    |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted             | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 1,788.0<br>persons                        | 744.0<br>person hrs.           | 30.5<br>EPDO                          | 108.5<br>EPDO / 100M VMT                 | 0.4<br>jobs per resident   | 0.5<br>jobs per resident                                 | 0.0<br>adjusted users                           | 32,247.3<br>thousand adj sq. ft.                           | 7,423.7<br>thousand adj daily tons | 999,718.9<br>adj. buffer time index    | 0.0<br>adjusted points           | 3.4<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 17.6                                      | 22.9                           | 9.3                                   | 0.6                                      | 0.0                        | 0.0                                                      | 0.0                                             | 0.1                                                        | 0.4                                | 0.1                                    | 0.0                              | 6.6                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 20.3                                      |                                | 4.9                                   |                                          | 0.0                        |                                                          |                                                 | 0.2                                                        |                                    |                                        | 3.3                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 25%                                   |                                          | 25%                        |                                                          |                                                 | 25%                                                        |                                    |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 3.0                                       |                                | 1.2                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                    |                                        | 0.3                              |                                                          |                                                      |
| Project Benefit                                                | 4.6                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$5,400,000                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 8.6                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

For more information on how to read a scorecard, click [here](#).

Rt. 15/29 Business Widening Including Pedestrian/Bike Access

App Id: 1168

Rt. 15/29 Business Widening to Include 10ft. shared access path

Project Location..... Culpeper County  
SMART SCALE Area Type..... C  
Submitting Entity..... Culpeper County  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... District Grant  
VTrans Need..... Safety: PSI Data and Geometric Issue  
( [Click for details](#) )



**0.8**

SMART SCALE  
SCORE

**#301** OF 404 STATEWIDE

**#28** OF 35 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$32,000,000**

Total Project Cost..... **\$32,000,000**

Project Benefit..... **2.4**

Project Benefit / Total Cost..... **0.8**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 13.0<br>persons                           | 0.0<br>person hrs.             | 41.5<br>EPDO                          | 778.6<br>EPDO / 100M VMT                 | 0.2<br>jobs per resident   | 0.2<br>jobs per resident                                 | 39.1<br>adjusted users                          | 172,875.0<br>thousand adj sq. ft.                          | 0.0<br>thousand adj daily tons | 5,988,506.2<br>adj. buffer time index  | 52.1<br>adjusted points          | 2.1<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.1                                       | 0.0                            | 12.6                                  | 4.0                                      | 0.0                        | 0.0                                                      | 0.3                                             | 0.6                                                        | 0.0                            | 0.4                                    | 0.3                              | 4.1                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.1                                       |                                | 8.3                                   |                                          | 0.1                        |                                                          |                                                 | 0.5                                                        |                                |                                        | 2.2                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 25%                                   |                                          | 25%                        |                                                          |                                                 | 25%                                                        |                                |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 2.1                                   |                                          | 0.0                        |                                                          |                                                 | 0.1                                                        |                                |                                        | 0.2                              |                                                          |                                                      |
| Project Benefit                                                | 2.4                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$32,000,000                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 0.8                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

For more information on how to read a scorecard, click [here](#).

Rt. 229 & Rt. 640 Intersection Improvements

App Id: 1237

Rt. 229 & Rt. 640 Intersection Improvements to include left turn lane onto Rt. 640 and modifications to existing right turn lane along Rt. 229.

Project Location..... Culpeper County  
SMART SCALE Area Type..... C  
Submitting Entity..... Culpeper County  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... District Grant  
VTrans Need..... Safety: PSI Data and Geometric Issue  
( [Click for details](#) )



**1.3**

SMART SCALE  
SCORE

**#265** OF 404 STATEWIDE

**#23** OF 35 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$4,550,000**

Total Project Cost..... **\$4,550,000**

Project Benefit..... **0.6**

Project Benefit / Total Cost..... **1.3**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 0.0<br>persons                            | 0.1<br>person hrs.             | 1.5<br>EPDO                           | 748.7<br>EPDO / 100M VMT                 | 0.0<br>jobs per resident   | 0.0<br>jobs per resident                                 | 0.0<br>adjusted users                           | 0.0<br>thousand adj sq. ft.                                | 0.0<br>thousand adj daily tons | 16,809.2<br>adj. buffer time index     | 0.0<br>adjusted points           | 0.5<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.0                                       | 0.0                            | 0.5                                   | 3.9                                      | 0.0                        | 0.0                                                      | 0.0                                             | 0.0                                                        | 0.0                            | 0.0                                    | 0.0                              | 1.0                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.0                                       |                                | 2.2                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.5                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 25%                                   |                                          | 25%                        |                                                          |                                                 | 25%                                                        |                                |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.5                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.0                              |                                                          |                                                      |
| Project Benefit                                                | 0.6                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$4,550,000                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 1.3                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

For more information on how to read a scorecard, click here.

Rt. 663/Stevensburg Rd. Shoulder & Safety Improvements

App Id: 1264

Rt. 663 - Shoulder and other safety improvements from Rt. 3 to Rt. 666

Project Location..... Culpeper County  
SMART SCALE Area Type..... C  
Submitting Entity..... Culpeper County  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... District Grant  
VTrans Need..... Safety: PSI Data and Geometric Issue  
( Click for details )



**0.4**

SMART SCALE  
SCORE

**#343** OF 404 STATEWIDE

**#33** OF 35 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$15,000,000**

Total Project Cost..... **\$15,000,000**

Project Benefit..... **0.7**

Project Benefit / Total Cost..... **0.4**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                    |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted             | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 0.0<br>persons                            | 0.0<br>person hrs.             | 6.0<br>EPDO                           | 587.0<br>EPDO / 100M VMT                 | 1.0<br>jobs per resident   | 1.0<br>jobs per resident                                 | 0.0<br>adjusted users                           | 0.0<br>thousand adj sq. ft.                                | 1,128.2<br>thousand adj daily tons | 0.0<br>adj. buffer time index          | 0.0<br>adjusted points           | 0.4<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.0                                       | 0.0                            | 1.8                                   | 3.0                                      | 0.0                        | 0.0                                                      | 0.0                                             | 0.0                                                        | 0.1                                | 0.0                                    | 0.0                              | 0.8                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.0                                       |                                | 2.4                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                    |                                        | 0.4                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 25%                                   |                                          | 25%                        |                                                          |                                                 | 25%                                                        |                                    |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.6                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                    |                                        | 0.0                              |                                                          |                                                      |
| Project Benefit                                                | 0.7                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$15,000,000                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 0.4                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |



# PROJECT SCORECARD

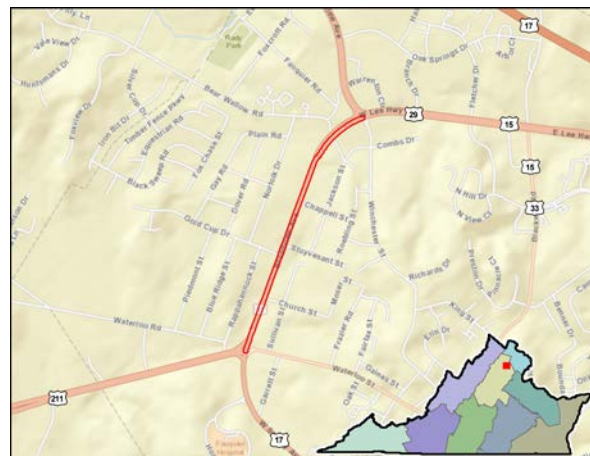
For more information on how to read a scorecard, click [here](#).

Broadview Avenue Access Management Improvements

App Id: 1267

Improvements to Broadview Avenue for access management and safer turning movements in and out of properties along this corridor, to include bike lanes for an alternate mode of transportation, and to enhance economic infill and redevelopment.

Project Location..... Warrenton  
 SMART SCALE Area Type..... C  
 Submitting Entity..... Warrenton Town  
 Preliminary Engineering..... Underway  
 Right of Way..... Not Started  
 Construction..... Not Started  
 Expenditures to Date..... \$677,457  
 Key Fund Sources..... Fed-State Disc  
 Administered By..... VDOT  
 Eligible Funding Program(s)..... Both  
 VTrans Need..... Coastal Corridor CoSS  
 ( Click for details )



**6.2**

SMART SCALE  
SCORE

**#120** OF 404 STATEWIDE

**#10** OF 35 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$2,590,000**

Total Project Cost..... **\$4,640,000**

Project Benefit..... **1.6**

Project Benefit / Total Cost..... **3.5**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 32.1<br>persons                           | 0.0<br>person hrs.             | 19.5<br>EPDO                          | 208.0<br>EPDO / 100M VMT                 | 12.0<br>jobs per resident  | 12.4<br>jobs per resident                                | 96.3<br>adjusted users                          | 731,124.0<br>thousand adj sq. ft.                          | 0.0<br>thousand adj daily tons | 8,950,927.4<br>adj. buffer time index  | 128.4<br>adjusted points         | 1.3<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.3                                       | 0.0                            | 5.9                                   | 1.1                                      | 0.5                        | 0.5                                                      | 0.7                                             | 2.6                                                        | 0.0                            | 0.7                                    | 0.7                              | 2.6                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.2                                       |                                | 3.5                                   |                                          | 0.5                        |                                                          |                                                 | 1.7                                                        |                                |                                        | 1.7                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 25%                                   |                                          | 25%                        |                                                          |                                                 | 25%                                                        |                                |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.9                                   |                                          | 0.1                        |                                                          |                                                 | 0.4                                                        |                                |                                        | 0.2                              |                                                          |                                                      |
| Project Benefit                                                | 1.6                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$2,590,000                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 6.2                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

For more information on how to read a scorecard, click [here](#).

Route 600/618 Intersection Improvements

App Id: 1337

Project will add a left turn lane on Route 600 and improve approach sight distance on Route 618

Project Location..... Fluvanna County  
SMART SCALE Area Type..... C  
Submitting Entity..... Fluvanna County  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... District Grant  
VTrans Need..... Lake Monticello Growth Area  
( [Click for details](#) )



**1.6**

SMART SCALE  
SCORE

**#248** OF 404 STATEWIDE

**#22** OF 35 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$3,150,000**

Total Project Cost..... **\$3,150,000**

Project Benefit..... **0.5**

Project Benefit / Total Cost..... **1.6**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 0.0<br>persons                            | 1.0<br>person hrs.             | 3.9<br>EPDO                           | 483.5<br>EPDO / 100M VMT                 | 0.0<br>jobs per resident   | 0.0<br>jobs per resident                                 | 0.0<br>adjusted users                           | 0.0<br>thousand adj sq. ft.                                | 0.0<br>thousand adj daily tons | 0.0<br>adj. buffer time index          | 0.0<br>adjusted points           | 0.4<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.0                                       | 0.0                            | 1.2                                   | 2.5                                      | 0.0                        | 0.0                                                      | 0.0                                             | 0.0                                                        | 0.0                            | 0.0                                    | 0.0                              | 0.8                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.0                                       |                                | 1.8                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.4                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 25%                                   |                                          | 25%                        |                                                          |                                                 | 25%                                                        |                                |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.5                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.0                              |                                                          |                                                      |
| Project Benefit                                                | 0.5                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$3,150,000                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 1.6                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

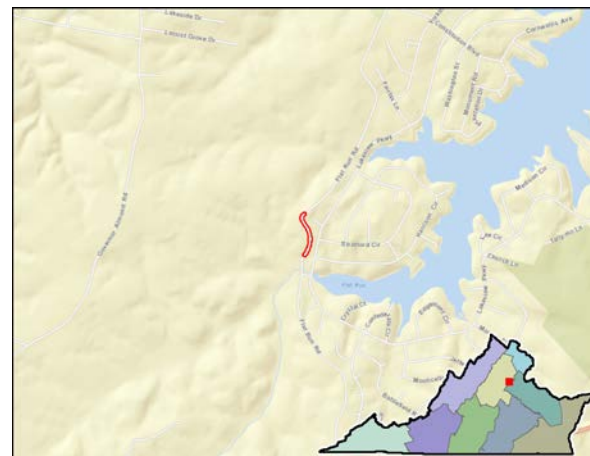
For more information on how to read a scorecard, click [here](#).

Route 601 Low-Speed Curve Realignment #1

App Id: 1355

This project will realign the southernmost low-speed (10-mph) curve on a major collector road known as Flat Run Road (Route 601).

Project Location..... Orange County  
SMART SCALE Area Type..... C  
Submitting Entity..... Orange County  
Preliminary Engineering..... Not Started  
Right of Way..... Not Needed  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... District Grant  
VTrans Need..... Germanna-Wilderness Designated Growth Area  
( [Click for details](#) )



**2.0**

SMART SCALE  
SCORE

**#225** OF 404 STATEWIDE

**#19** OF 35 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$3,500,000**

Total Project Cost..... **\$3,500,000**

Project Benefit..... **0.7**

Project Benefit / Total Cost..... **2.0**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 0.0<br>persons                            | 0.0<br>person hrs.             | 0.9<br>EPDO                           | 844.0<br>EPDO / 100M VMT                 | 0.0<br>jobs per resident   | 0.0<br>jobs per resident                                 | 0.0<br>adjusted users                           | 137,083.3<br>thousand adj sq. ft.                          | 0.0<br>thousand adj daily tons | 0.0<br>adj. buffer time index          | 0.0<br>adjusted points           | 0.6<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.0                                       | 0.0                            | 0.3                                   | 4.4                                      | 0.0                        | 0.0                                                      | 0.0                                             | 0.5                                                        | 0.0                            | 0.0                                    | 0.0                              | 1.1                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.0                                       |                                | 2.3                                   |                                          | 0.0                        |                                                          |                                                 | 0.3                                                        |                                |                                        | 0.5                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 25%                                   |                                          | 25%                        |                                                          |                                                 | 25%                                                        |                                |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.6                                   |                                          | 0.0                        |                                                          |                                                 | 0.1                                                        |                                |                                        | 0.1                              |                                                          |                                                      |
| Project Benefit                                                | 0.7                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$3,500,000                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 2.0                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

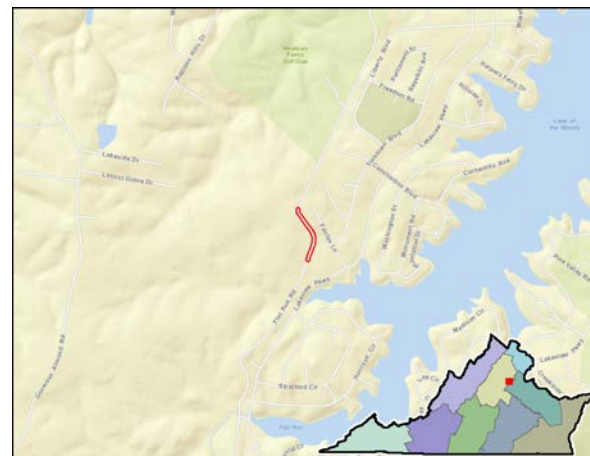
For more information on how to read a scorecard, click [here](#).

Route 601 Low-Speed Curve Realignment #2

App Id: 1356

This project will realign the northernmost low-speed (15 mph) curve on a major collector road known as Flat Run Road (Route 601).

Project Location..... Orange County  
SMART SCALE Area Type..... C  
Submitting Entity..... Orange County  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... District Grant  
VTrans Need..... Germanna-Wilderness Designated Growth Area  
( [Click for details](#) )



**8.4**

SMART SCALE  
SCORE

**#93**

OF 404 STATEWIDE

**#5**

OF 35 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$1,400,000**

Total Project Cost..... **\$1,400,000**

Project Benefit..... **1.2**

Project Benefit / Total Cost..... **8.4**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 0.0<br>persons                            | 0.0<br>person hrs.             | 1.8<br>EPDO                           | 1,554.8<br>EPDO / 100M VMT               | 0.0<br>jobs per resident   | 0.0<br>jobs per resident                                 | 0.0<br>adjusted users                           | 0.0<br>thousand adj sq. ft.                                | 0.0<br>thousand adj daily tons | 0.0<br>adj. buffer time index          | 0.0<br>adjusted points           | 1.0<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.0                                       | 0.0                            | 0.5                                   | 8.0                                      | 0.0                        | 0.0                                                      | 0.0                                             | 0.0                                                        | 0.0                            | 0.0                                    | 0.0                              | 1.9                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.0                                       |                                | 4.3                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 1.0                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 25%                                   |                                          | 25%                        |                                                          |                                                 | 25%                                                        |                                |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 1.1                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.1                              |                                                          |                                                      |
| Project Benefit                                                | 1.2                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$1,400,000                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 8.4                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |



# PROJECT SCORECARD

For more information on how to read a scorecard, click [here](#).

Route 208 Safety Improvements East of route 652

App Id: 1377

Safety improvements along route 208 from the intersection at route 652 and the intersection at Lake Front Drive.

Project Location..... Louisa County  
SMART SCALE Area Type..... C  
Submitting Entity..... Louisa County  
Preliminary Engineering..... Underway  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... \$826,244  
Key Fund Sources..... Safety  
Administered By..... VDOT  
Eligible Funding Program(s)..... District Grant  
VTrans Need..... Safety: PSI Data and Geometric Issue  
( [Click for details](#) )



**0.3**

SMART SCALE  
SCORE

**#365** OF 404 STATEWIDE

**#35** OF 35 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$7,900,000**

Total Project Cost..... **\$9,000,000**

Project Benefit..... **0.2**

Project Benefit / Total Cost..... **0.3**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 0.0<br>persons                            | 0.0<br>person hrs.             | 2.8<br>EPDO                           | 97.0<br>EPDO / 100M VMT                  | 2.0<br>jobs per resident   | 1.9<br>jobs per resident                                 | 0.0<br>adjusted users                           | 43,500.0<br>thousand adj sq. ft.                           | 0.0<br>thousand adj daily tons | 736,859.3<br>adj. buffer time index    | 0.0<br>adjusted points           | 0.2<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.0                                       | 0.0                            | 0.9                                   | 0.5                                      | 0.1                        | 0.1                                                      | 0.0                                             | 0.2                                                        | 0.0                            | 0.1                                    | 0.0                              | 0.4                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.0                                       |                                | 0.7                                   |                                          | 0.1                        |                                                          |                                                 | 0.1                                                        |                                |                                        | 0.2                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 25%                                   |                                          | 25%                        |                                                          |                                                 | 25%                                                        |                                |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.2                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.0                              |                                                          |                                                      |
| Project Benefit                                                | 0.2                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$7,900,000                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 0.3                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

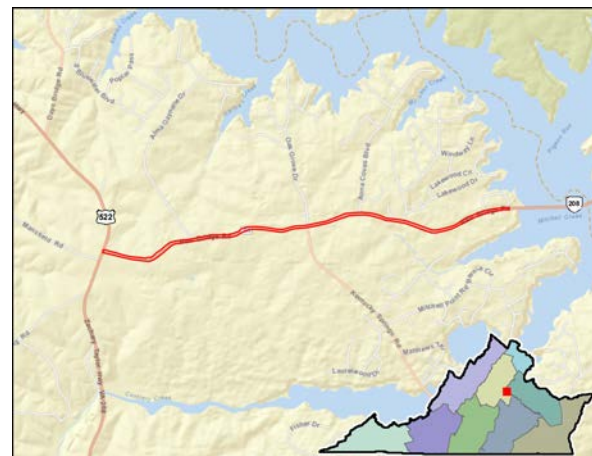
For more information on how to read a scorecard, click [here](#).

Route 208 Upgrade UPC104110

App Id: 1378

Provides safety improvements along Route 208 from the intersection at Route 522 and the new bridge.

Project Location..... Louisa County  
SMART SCALE Area Type..... C  
Submitting Entity..... Louisa County  
Preliminary Engineering..... Underway  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... \$826,244  
Key Fund Sources..... Safety  
Administered By..... VDOT  
Eligible Funding Program(s)..... District Grant  
VTrans Need..... Safety: PSI Data and Geometric Issue  
( Click for details )



**3.5**

SMART SCALE  
SCORE

**#159** OF 404 STATEWIDE

**#15** OF 35 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$14,100,000**

Total Project Cost..... **\$15,200,000**

Project Benefit..... **5.0**

Project Benefit / Total Cost..... **3.3**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                    |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted             | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 0.0<br>persons                            | 0.0<br>person hrs.             | 12.6<br>EPDO                          | 214.1<br>EPDO / 100M VMT                 | 9.9<br>jobs per resident   | 10.2<br>jobs per resident                                | 0.0<br>adjusted users                           | 7,261,916.7<br>thousand adj sq. ft.                        | 4,800.5<br>thousand adj daily tons | 3,078,313.2<br>adj. buffer time index  | 0.0<br>adjusted points           | 4.3<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.0                                       | 0.0                            | 3.8                                   | 1.1                                      | 0.4                        | 0.4                                                      | 0.0                                             | 25.8                                                       | 0.3                                | 0.2                                    | 0.0                              | 8.3                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.0                                       |                                | 2.5                                   |                                          | 0.3                        |                                                          |                                                 | 15.6                                                       |                                    |                                        | 4.1                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 25%                                   |                                          | 25%                        |                                                          |                                                 | 25%                                                        |                                    |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.6                                   |                                          | 0.1                        |                                                          |                                                 | 3.9                                                        |                                    |                                        | 0.4                              |                                                          |                                                      |
| Project Benefit                                                | 5.0                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$14,100,000                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 3.5                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

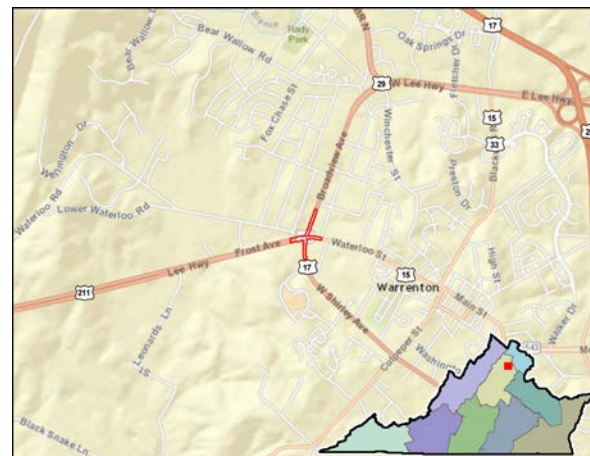
For more information on how to read a scorecard, click here.

Improve Intersection of Frost w/Broadview-W.Shirley Avenues

App Id: 1380

Intersection improvements to signalized intersection with dedicated turn lane movements to improve traffic flow and pedestrian crossing safety.

Project Location..... Warrenton  
 SMART SCALE Area Type..... C  
 Submitting Entity..... Warrenton Town  
 Preliminary Engineering..... Underway  
 Right of Way..... Not Started  
 Construction..... Not Started  
 Expenditures to Date..... \$677,457  
 Key Fund Sources..... Fed-State Disc  
 Administered By..... VDOT  
 Eligible Funding Program(s)..... Both  
 VTrans Need..... Coastal Corridor CoSS  
 ( Click for details )



**5.2**

SMART SCALE  
SCORE

**#135** OF 404 STATEWIDE

**#12** OF 35 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$2,823,878**

Total Project Cost..... **\$4,000,000**

Project Benefit..... **1.5**

Project Benefit / Total Cost..... **3.6**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                    |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted             | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 88.7<br>persons                           | 245.2<br>person hrs.           | 6.5<br>EPDO                           | 284.8<br>EPDO / 100M VMT                 | 2.4<br>jobs per resident   | 2.3<br>jobs per resident                                 | 266.0<br>adjusted users                         | 68,625.0<br>thousand adj sq. ft.                           | 6,144.6<br>thousand adj daily tons | 5,408,164.4<br>adj. buffer time index  | 354.7<br>adjusted points         | 1.1<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.9                                       | 7.5                            | 2.0                                   | 1.5                                      | 0.1                        | 0.1                                                      | 1.8                                             | 0.2                                                        | 0.4                                | 0.4                                    | 2.1                              | 2.1                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 4.2                                       |                                | 1.7                                   |                                          | 0.4                        |                                                          |                                                 | 0.3                                                        |                                    |                                        | 2.1                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 25%                                   |                                          | 25%                        |                                                          |                                                 | 25%                                                        |                                    |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.6                                       |                                | 0.4                                   |                                          | 0.1                        |                                                          |                                                 | 0.1                                                        |                                    |                                        | 0.2                              |                                                          |                                                      |
| Project Benefit                                                | 1.5                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$2,823,878                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 5.2                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |



# PROJECT SCORECARD

For more information on how to read a scorecard, click [here](#).

Free Bridge Congestion Relief

App Id: 1385

This project would increase capacity on "Free Bridge" (US 250), to reduce congestion by providing additional east-west capacity on Free Bridge and through the intersections at 20 and High Street.

Project Location..... Multiple  
SMART SCALE Area Type..... B  
Submitting Entity..... Charlottesville-Albemarle Metropolitan  
Planning Organization  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... High Priority  
VTrans Need..... East-West CoSS  
( [Click for details](#) )



**2.0**

SMART SCALE  
SCORE

**#227** OF 404 STATEWIDE

**#20** OF 35 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$45,761,730**

Total Project Cost..... **\$45,761,730**

Project Benefit..... **9.1**

Project Benefit / Total Cost..... **2.0**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                    |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted             | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 539.5<br>persons                          | 900.7<br>person hrs.           | 12.5<br>EPDO                          | 95.1<br>EPDO / 100M VMT                  | 51.5<br>jobs per resident  | 53.8<br>jobs per resident                                | 1,125.0<br>adjusted users                       | 148,400.0<br>thousand adj sq. ft.                          | 6,323.1<br>thousand adj daily tons | 39,558,070.0<br>adj. buffer time index | 1,125.0<br>adjusted points       | 7.8<br>scaled points                                     | 47,333.5<br>adjusted jobs & pop.                     |
| Normalized Measure Value (0-100)                               | 5.3                                       | 27.7                           | 3.8                                   | 0.5                                      | 2.0                        | 2.0                                                      | 7.7                                             | 0.5                                                        | 0.4                                | 2.9                                    | 6.6                              | 15.1                                                     | 41.8                                                 |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 16.5                                      |                                | 2.1                                   |                                          | 3.1                        |                                                          |                                                 | 1.0                                                        |                                    |                                        | 10.9                             |                                                          | 41.8                                                 |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 20%                                   |                                          | 25%                        |                                                          |                                                 | 20%                                                        |                                    |                                        | 10%                              |                                                          | 10%                                                  |
| Weighted Factor Value                                          | 2.5                                       |                                | 0.4                                   |                                          | 0.8                        |                                                          |                                                 | 0.2                                                        |                                    |                                        | 1.1                              |                                                          | 4.2                                                  |
| Project Benefit                                                | 9.1                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$45,761,730                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 2.0                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |



# PROJECT SCORECARD

For more information on how to read a scorecard, click [here](#).

Exit 124 (Interstate 64)

App Id: 1386

This project includes low-cost retrofits to the existing interchange, to improve congestion and safety. Improvements include a divergent diamond on US 250.

Project Location..... Albemarle County  
SMART SCALE Area Type..... B  
Submitting Entity..... Charlottesville-Albemarle Metropolitan Planning Organization  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... High Priority  
VTrans Need..... East-West CoSS  
( Click for details )



**6.5**

SMART SCALE  
SCORE

**#115** OF 404 STATEWIDE

**#8** OF 35 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$18,400,000**

Total Project Cost..... **\$18,400,000**

Project Benefit..... **11.9**

Project Benefit / Total Cost..... **6.5**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                     |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|-------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted              | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 5,626.9<br>persons                        | 444.2<br>person hrs.           | 114.1<br>EPDO                         | 2,554.2<br>EPDO / 100M VMT               | 54.1<br>jobs per resident  | 55.2<br>jobs per resident                                | 0.0<br>adjusted users                           | 47,223.2<br>thousand adj sq. ft.                           | 26,905.1<br>thousand adj daily tons | 10,037,388.0<br>adj. buffer time index | 0.0<br>adjusted points           | 10.3<br>scaled points                                    | 4,888.0<br>adjusted jobs & pop.                      |
| Normalized Measure Value (0-100)                               | 55.5                                      | 13.7                           | 34.7                                  | 13.2                                     | 2.1                        | 2.1                                                      | 0.0                                             | 0.2                                                        | 1.6                                 | 0.7                                    | 0.0                              | 20.0                                                     | 4.3                                                  |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                 | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 34.6                                      |                                | 24.0                                  |                                          | 1.7                        |                                                          |                                                 | 0.6                                                        |                                     |                                        | 10.0                             |                                                          | 4.3                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 20%                                   |                                          | 25%                        |                                                          |                                                 | 20%                                                        |                                     |                                        | 10%                              |                                                          | 10%                                                  |
| Weighted Factor Value                                          | 5.2                                       |                                | 4.8                                   |                                          | 0.4                        |                                                          |                                                 | 0.1                                                        |                                     |                                        | 1.0                              |                                                          | 0.4                                                  |
| Project Benefit                                                | 11.9                                      |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$18,400,000                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 6.5                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

For more information on how to read a scorecard, click [here](#).

Interstate 64 - Exit 118

App Id: 1387

This project includes scaled-down improvements from the 2015 application. It will include elimination of a ramp, to mitigate weaving, and include a new left turn on US29 for southbound traffic onto I-64.

Project Location..... Albemarle County  
SMART SCALE Area Type..... B  
Submitting Entity..... Charlottesville-Albemarle Metropolitan Planning Organization  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... High Priority  
VTrans Need..... Charlottesville/Albemarle Regional Network  
( Click for details )



**0.9**

SMART SCALE  
SCORE

**#290** OF 404 STATEWIDE

**#26** OF 35 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$6,775,000**

Total Project Cost..... **\$6,775,000**

Project Benefit..... **0.6**

Project Benefit / Total Cost..... **0.9**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                      |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted               | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 0.0<br>persons                            | 0.0<br>person hrs.             | 4.4<br>EPDO                           | 183.1<br>EPDO / 100M VMT                 | 3.1<br>jobs per resident   | 3.1<br>jobs per resident                                 | 0.0<br>adjusted users                           | 100,000.0<br>thousand adj sq. ft.                          | 106,333.1<br>thousand adj daily tons | 365,238.0<br>adj. buffer time index    | 0.0<br>adjusted points           | 0.5<br>scaled points                                     | 0.0<br>adjusted jobs & pop.                          |
| Normalized Measure Value (0-100)                               | 0.0                                       | 0.0                            | 1.3                                   | 0.9                                      | 0.1                        | 0.1                                                      | 0.0                                             | 0.4                                                        | 6.3                                  | 0.0                                    | 0.0                              | 1.0                                                      | 0.0                                                  |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                  | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 0.0                                       |                                | 1.1                                   |                                          | 0.1                        |                                                          |                                                 | 1.5                                                        |                                      |                                        | 0.5                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 20%                                   |                                          | 25%                        |                                                          |                                                 | 20%                                                        |                                      |                                        | 10%                              |                                                          | 10%                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.2                                   |                                          | 0.0                        |                                                          |                                                 | 0.3                                                        |                                      |                                        | 0.1                              |                                                          | 0.0                                                  |
| Project Benefit                                                | 0.6                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                      |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$6,775,000                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                      |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 0.9                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                      |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

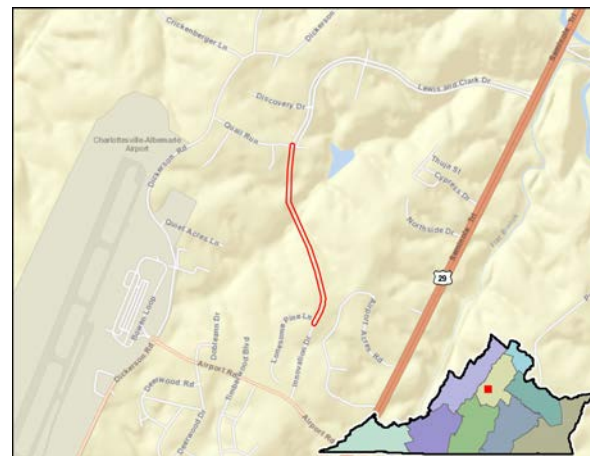
For more information on how to read a scorecard, click [here](#).

Lewis & Clarke Dr Extension to Innovation Dr/Airport Rd

App Id: 1392

Project would construct a new roadway extension from the existing Lewis & Clarke Dr at Quail Run to Innovation Dr/Airport Rd.

Project Location..... Albemarle County  
SMART SCALE Area Type..... B  
Submitting Entity..... Albemarle County  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... Both  
VTrans Need..... Charlottesville/Albemarle Regional Network  
( [Click for details](#) )



**2.0**

SMART SCALE  
SCORE

**#223** OF 404 STATEWIDE

**#18** OF 35 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$11,000,000**

Total Project Cost..... **\$11,000,000**

Project Benefit..... **2.3**

Project Benefit / Total Cost..... **2.0**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                     |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|-------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted              | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 40.4<br>persons                           | 13.0<br>person hrs.            | 0.0<br>EPDO                           | 0.0<br>EPDO / 100M VMT                   | 2.8<br>jobs per resident   | 2.8<br>jobs per resident                                 | 22.1<br>adjusted users                          | 2,799,848.4<br>thousand adj sq. ft.                        | 12,174.8<br>thousand adj daily tons | 6,046,266.0<br>adj. buffer time index  | 29.5<br>adjusted points          | 1.9<br>scaled points                                     | 8,254.2<br>adjusted jobs & pop.                      |
| Normalized Measure Value (0-100)                               | 0.4                                       | 0.4                            | 0.0                                   | 0.0                                      | 0.1                        | 0.1                                                      | 0.2                                             | 9.9                                                        | 0.7                                 | 0.4                                    | 0.2                              | 3.8                                                      | 7.3                                                  |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                 | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 0.4                                       |                                | 0.0                                   |                                          | 0.1                        |                                                          |                                                 | 6.2                                                        |                                     |                                        | 2.0                              |                                                          | 7.3                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 20%                                   |                                          | 25%                        |                                                          |                                                 | 20%                                                        |                                     |                                        | 10%                              |                                                          | 10%                                                  |
| Weighted Factor Value                                          | 0.1                                       |                                | 0.0                                   |                                          | 0.0                        |                                                          |                                                 | 1.2                                                        |                                     |                                        | 0.2                              |                                                          | 0.7                                                  |
| Project Benefit                                                | 2.3                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$11,000,000                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 2.0                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

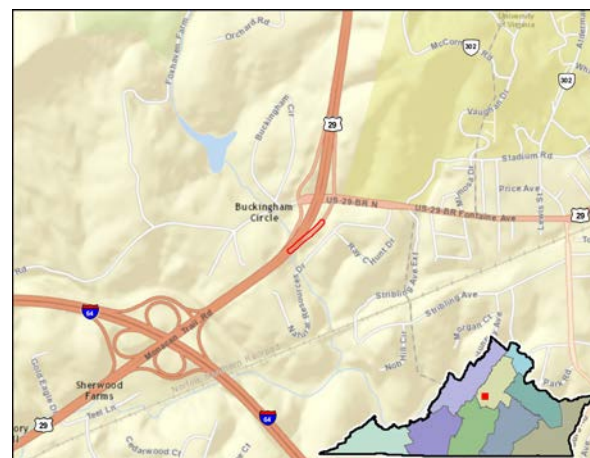
For more information on how to read a scorecard, click here.

Exit 118 WB I64/NB Route29

App Id: 1398

This project calls for improvements to the westbound lane at Exit 118 of I-64 and the northbound lane of US29, to address weave issues at the off ramp terminal.

Project Location..... Albemarle County  
SMART SCALE Area Type..... B  
Submitting Entity..... Charlottesville-Albemarle Metropolitan Planning Organization  
Preliminary Engineering..... Not Started  
Right of Way..... Not Needed  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... High Priority  
VTrans Need..... Charlottesville/Albemarle Regional Network  
( Click for details )



**7.8**

SMART SCALE  
SCORE

**#95**

OF 404 STATEWIDE

**#6**

OF 35 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$2,900,000**

Total Project Cost..... **\$2,900,000**

Project Benefit..... **2.3**

Project Benefit / Total Cost..... **7.8**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                      |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted               | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 108.2<br>persons                          | 0.0<br>person hrs.             | 0.0<br>EPDO                           | 0.0<br>EPDO / 100M VMT                   | 2.6<br>jobs per resident   | 2.6<br>jobs per resident                                 | 0.0<br>adjusted users                           | 100,000.0<br>thousand adj sq. ft.                          | 143,269.2<br>thousand adj daily tons | 51,703.3<br>adj. buffer time index     | 0.0<br>adjusted points           | 1.9<br>scaled points                                     | 17,963.8<br>adjusted jobs & pop.                     |
| Normalized Measure Value (0-100)                               | 1.1                                       | 0.0                            | 0.0                                   | 0.0                                      | 0.1                        | 0.1                                                      | 0.0                                             | 0.4                                                        | 8.5                                  | 0.0                                    | 0.0                              | 3.8                                                      | 15.9                                                 |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                  | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 0.5                                       |                                | 0.0                                   |                                          | 0.1                        |                                                          |                                                 | 1.9                                                        |                                      |                                        | 1.9                              |                                                          | 15.9                                                 |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 20%                                   |                                          | 25%                        |                                                          |                                                 | 20%                                                        |                                      |                                        | 10%                              |                                                          | 10%                                                  |
| Weighted Factor Value                                          | 0.1                                       |                                | 0.0                                   |                                          | 0.0                        |                                                          |                                                 | 0.4                                                        |                                      |                                        | 0.2                              |                                                          | 1.6                                                  |
| Project Benefit                                                | 2.3                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                      |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$2,900,000                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                      |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 7.8                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                      |                                        |                                  |                                                          |                                                      |



# PROJECT SCORECARD

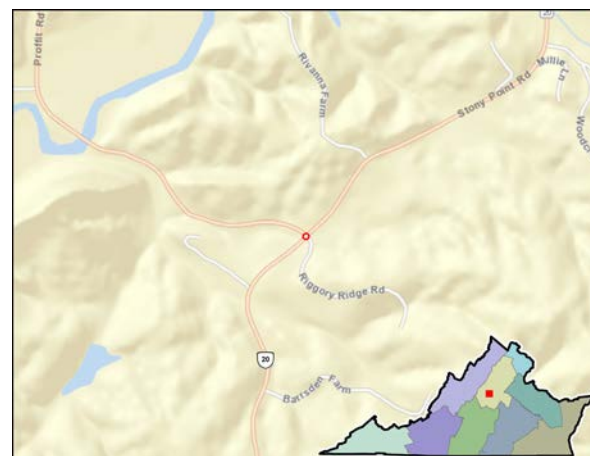
For more information on how to read a scorecard, click [here](#).

Route 20/649 Intersection Improvements

App Id: 1403

Project would reconstruct the intersection of Routes 20 (Stony Point Road) and 649 (Profit Road) to address safety at this high traffic intersection through installation of turn lanes at to accommodate the high turning movements.

Project Location..... Albemarle County  
SMART SCALE Area Type..... C  
Submitting Entity..... Albemarle County  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... Both  
VTrans Need..... Charlottesville/Albemarle Regional Network  
( Click for details )



**12.0**

SMART SCALE  
SCORE

**#65**

OF 404 STATEWIDE

**#1**

OF 35 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$4,000,000**

Total Project Cost..... **\$4,000,000**

Project Benefit..... **4.8**

Project Benefit / Total Cost..... **12.0**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 280.6<br>persons                          | 96.6<br>person hrs.            | 18.5<br>EPDO                          | 4,279.2<br>EPDO / 100M VMT               | 83.3<br>jobs per resident  | 87.9<br>jobs per resident                                | 0.0<br>adjusted users                           | 0.0<br>thousand adj sq. ft.                                | 0.0<br>thousand adj daily tons | 129,692.0<br>adj. buffer time index    | 0.0<br>adjusted points           | 2.6<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 2.8                                       | 3.0                            | 5.6                                   | 22.2                                     | 3.2                        | 3.3                                                      | 0.0                                             | 0.0                                                        | 0.0                            | 0.0                                    | 0.0                              | 5.0                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 2.9                                       |                                | 13.9                                  |                                          | 2.6                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 2.5                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 25%                                   |                                          | 25%                        |                                                          |                                                 | 25%                                                        |                                |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.4                                       |                                | 3.5                                   |                                          | 0.6                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.3                              |                                                          |                                                      |
| Project Benefit                                                | 4.8                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$4,000,000                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 12.0                                      |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

For more information on how to read a scorecard, click [here](#).

Route 151/US 250 Intersection Improvements

App Id: 1404

Project would reconstruct the intersection of US 250 and Route 151 to address safety at this high traffic intersection through installation of a roundabout.

Project Location..... Albemarle County  
SMART SCALE Area Type..... C  
Submitting Entity..... Albemarle County  
Preliminary Engineering..... Underway  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... \$7,586  
Key Fund Sources..... Safety  
Administered By..... VDOT  
Eligible Funding Program(s)..... Both  
VTrans Need..... East-West CoSS  
( Click for details )



**9.7**

SMART SCALE  
SCORE

**#79**

OF 404 STATEWIDE

**#2**

OF 35 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$4,750,000**

Total Project Cost..... **\$5,800,000**

Project Benefit..... **4.6**

Project Benefit / Total Cost..... **7.9**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 289.9<br>persons                          | 187.7<br>person hrs.           | 28.8<br>EPDO                          | 3,027.3<br>EPDO / 100M VMT               | 72.8<br>jobs per resident  | 73.5<br>jobs per resident                                | 0.0<br>adjusted users                           | 33,333.3<br>thousand adj sq. ft.                           | 0.0<br>thousand adj daily tons | 670,877.5<br>adj. buffer time index    | 0.0<br>adjusted points           | 3.3<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 2.9                                       | 5.8                            | 8.8                                   | 15.7                                     | 2.8                        | 2.8                                                      | 0.0                                             | 0.1                                                        | 0.0                            | 0.0                                    | 0.0                              | 6.3                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 4.3                                       |                                | 12.2                                  |                                          | 2.2                        |                                                          |                                                 | 0.1                                                        |                                |                                        | 3.2                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 25%                                   |                                          | 25%                        |                                                          |                                                 | 25%                                                        |                                |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.6                                       |                                | 3.1                                   |                                          | 0.6                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.3                              |                                                          |                                                      |
| Project Benefit                                                | 4.6                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$4,750,000                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 9.7                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

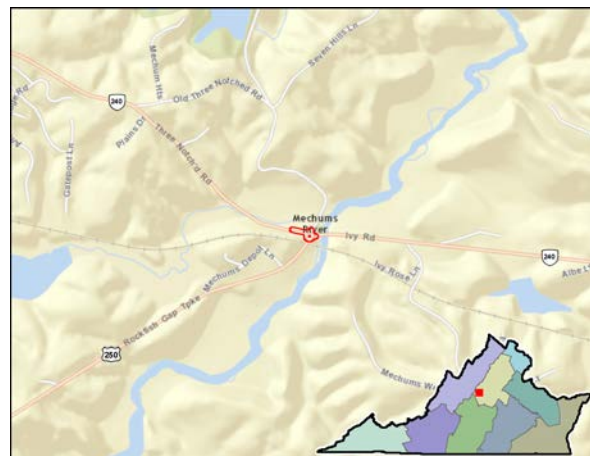
For more information on how to read a scorecard, click [here](#).

Route 240/US 250 Intersection Improvements

App Id: 1405

Project would reconstruct the intersection of US 250, Route 240, and Route 680 to address safety at this high traffic intersection through installation of a roundabout.

Project Location..... Albemarle County  
SMART SCALE Area Type..... B  
Submitting Entity..... Albemarle County  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... Both  
VTrans Need..... Charlottesville/Albemarle Regional Network  
( Click for details )



## 4.1

SMART SCALE  
SCORE

**#146** OF 404 STATEWIDE

**#13** OF 35 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$8,600,000**

Total Project Cost..... **\$8,600,000**

Project Benefit..... **3.5**

Project Benefit / Total Cost..... **4.1**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 66.8<br>persons                           | 14.9<br>person hrs.            | 37.6<br>EPDO                          | 3,813.2<br>EPDO / 100M VMT               | 0.0<br>jobs per resident   | 0.0<br>jobs per resident                                 | 15.8<br>adjusted users                          | 33,536.4<br>thousand adj sq. ft.                           | 0.0<br>thousand adj daily tons | 325,788.1<br>adj. buffer time index    | 21.1<br>adjusted points          | 2.5<br>scaled points                                     | 826.6<br>adjusted jobs & pop.                        |
| Normalized Measure Value (0-100)                               | 0.7                                       | 0.5                            | 11.4                                  | 19.7                                     | 0.0                        | 0.0                                                      | 0.1                                             | 0.1                                                        | 0.0                            | 0.0                                    | 0.1                              | 4.8                                                      | 0.7                                                  |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 0.6                                       |                                | 15.6                                  |                                          | 0.0                        |                                                          |                                                 | 0.1                                                        |                                |                                        | 2.5                              |                                                          | 0.7                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 20%                                   |                                          | 25%                        |                                                          |                                                 | 20%                                                        |                                |                                        | 10%                              |                                                          | 10%                                                  |
| Weighted Factor Value                                          | 0.1                                       |                                | 3.1                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.2                              |                                                          | 0.1                                                  |
| Project Benefit                                                | 3.5                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$8,600,000                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 4.1                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

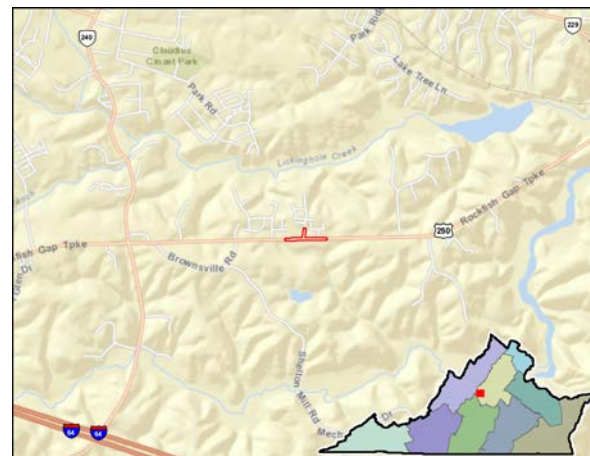
For more information on how to read a scorecard, click [here](#).

US 250/Radford Lane Roundabout

App Id: 1406

Project would construct a roundabout and pedestrian crossing at the intersection of US 250, Radford Lane, and the entrance to the Blue Ridge Shopping Center to improve traffic management and pedestrian safety.

Project Location..... Albemarle County  
SMART SCALE Area Type..... B  
Submitting Entity..... Albemarle County  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... Both  
VTrans Need..... Charlottesville/Albemarle Regional Network  
( [Click for details](#) )



**2.2**

SMART SCALE  
SCORE

**#214** OF 404 STATEWIDE

**#17** OF 35 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$7,250,000**

Total Project Cost..... **\$7,250,000**

Project Benefit..... **1.6**

Project Benefit / Total Cost..... **2.2**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 132.2<br>persons                          | 45.2<br>person hrs.            | 6.4<br>EPDO                           | 979.8<br>EPDO / 100M VMT                 | 0.0<br>jobs per resident   | 0.0<br>jobs per resident                                 | 22.0<br>adjusted users                          | 42,675.0<br>thousand adj sq. ft.                           | 0.0<br>thousand adj daily tons | 157,291.9<br>adj. buffer time index    | 29.4<br>adjusted points          | 1.4<br>scaled points                                     | 5,707.3<br>adjusted jobs & pop.                      |
| Normalized Measure Value (0-100)                               | 1.3                                       | 1.4                            | 1.9                                   | 5.1                                      | 0.0                        | 0.0                                                      | 0.2                                             | 0.2                                                        | 0.0                            | 0.0                                    | 0.2                              | 2.7                                                      | 5.0                                                  |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 1.3                                       |                                | 3.5                                   |                                          | 0.0                        |                                                          |                                                 | 0.1                                                        |                                |                                        | 1.4                              |                                                          | 5.0                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 20%                                   |                                          | 25%                        |                                                          |                                                 | 20%                                                        |                                |                                        | 10%                              |                                                          | 10%                                                  |
| Weighted Factor Value                                          | 0.2                                       |                                | 0.7                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.1                              |                                                          | 0.5                                                  |
| Project Benefit                                                | 1.6                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$7,250,000                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 2.2                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |



# PROJECT SCORECARD

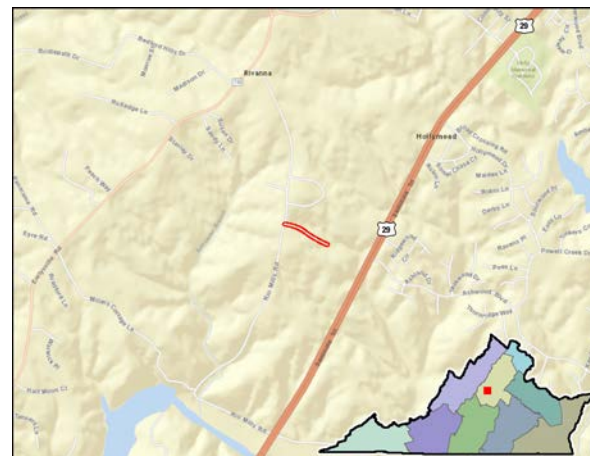
For more information on how to read a scorecard, click here.

Rio Mills Rd/Berkmar Dr Extended Connection

App Id: 1408

Project would construct a 1/4 mile, 2-lane roadway connecting the existing Rio Mills Road to Berkmar Drive Extended (under construction) to address the use of a deficient unpaved road by trucks and other local through traffic on Earlysville Road.

Project Location..... Albemarle County  
SMART SCALE Area Type..... B  
Submitting Entity..... Albemarle County  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... Both  
VTrans Need..... Charlottesville/Albemarle Regional Network  
( Click for details )



**6.8**

SMART SCALE  
SCORE

**#112** OF 404 STATEWIDE

**#7** OF 35 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$1,315,811**

Total Project Cost..... **\$3,800,000**

Project Benefit..... **0.9**

Project Benefit / Total Cost..... **2.3**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                    |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted             | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 7.2<br>persons                            | 2.0<br>person hrs.             | 2.3<br>EPDO                           | 6.9<br>EPDO / 100M VMT                   | 6.4<br>jobs per resident   | 6.3<br>jobs per resident                                 | 3.5<br>adjusted users                           | 1,276,096.9<br>thousand adj sq. ft.                        | 7,236.9<br>thousand adj daily tons | 1,160,025.4<br>adj. buffer time index  | 4.7<br>adjusted points           | 0.8<br>scaled points                                     | 1,321.0<br>adjusted jobs & pop.                      |
| Normalized Measure Value (0-100)                               | 0.1                                       | 0.1                            | 0.7                                   | 0.0                                      | 0.2                        | 0.2                                                      | 0.0                                             | 4.5                                                        | 0.4                                | 0.1                                    | 0.0                              | 1.5                                                      | 1.2                                                  |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 0.1                                       |                                | 0.4                                   |                                          | 0.2                        |                                                          |                                                 | 2.8                                                        |                                    |                                        | 0.8                              |                                                          | 1.2                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 20%                                   |                                          | 25%                        |                                                          |                                                 | 20%                                                        |                                    |                                        | 10%                              |                                                          | 10%                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.1                                   |                                          | 0.0                        |                                                          |                                                 | 0.6                                                        |                                    |                                        | 0.1                              |                                                          | 0.1                                                  |
| Project Benefit                                                | 0.9                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$1,315,811                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 6.8                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

For more information on how to read a scorecard, click [here](#).

Route 22/208 Safety Improvements

App Id: 1477

This project adds left turn lanes to the intersections on Route 22/208 from Industrial Drive to Loudin Lane.

Project Location..... Louisa County  
SMART SCALE Area Type..... C  
Submitting Entity..... Louisa County  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... District Grant  
VTrans Need..... Safety: Crash History and Geometric Issue  
( [Click for details](#) )



**0.7**

SMART SCALE  
SCORE

**#309** OF 404 STATEWIDE

**#30** OF 35 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$6,200,000**

Total Project Cost..... **\$6,200,000**

Project Benefit..... **0.4**

Project Benefit / Total Cost..... **0.7**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                    |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted             | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 0.0<br>persons                            | 0.2<br>person hrs.             | 3.0<br>EPDO                           | 153.3<br>EPDO / 100M VMT                 | 0.0<br>jobs per resident   | 0.0<br>jobs per resident                                 | 0.0<br>adjusted users                           | 340,000.0<br>thousand adj sq. ft.                          | 4,746.3<br>thousand adj daily tons | 336,621.7<br>adj. buffer time index    | 0.0<br>adjusted points           | 0.4<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.0                                       | 0.0                            | 0.9                                   | 0.8                                      | 0.0                        | 0.0                                                      | 0.0                                             | 1.2                                                        | 0.3                                | 0.0                                    | 0.0                              | 0.8                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.0                                       |                                | 0.9                                   |                                          | 0.0                        |                                                          |                                                 | 0.8                                                        |                                    |                                        | 0.4                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 25%                                   |                                          | 25%                        |                                                          |                                                 | 25%                                                        |                                    |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.2                                   |                                          | 0.0                        |                                                          |                                                 | 0.2                                                        |                                    |                                        | 0.0                              |                                                          |                                                      |
| Project Benefit                                                | 0.4                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$6,200,000                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 0.7                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

For more information on how to read a scorecard, click [here](#).

Route 522 / Route 20 Roundabout

App Id: 1490

This project replaces the existing signalized Route 522 / Route 20 intersection near Unionville with a single-lane roundabout.

Project Location..... Orange County  
SMART SCALE Area Type..... C  
Submitting Entity..... Orange County  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... District Grant  
VTrans Need..... Safety: PSI Data and Geometric Issue  
( [Click for details](#) )



**0.9**

SMART SCALE  
SCORE

**#294** OF 404 STATEWIDE

**#27** OF 35 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$8,200,000**

Total Project Cost..... **\$8,200,000**

Project Benefit..... **0.7**

Project Benefit / Total Cost..... **0.9**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                  |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|----------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted           | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 21.6<br>persons                           | 0.0<br>person hrs.             | 14.3<br>EPDO                          | 14.8<br>EPDO / 100M VMT                  | 0.0<br>jobs per resident   | 0.0<br>jobs per resident                                 | 108.1<br>adjusted users                         | 0.0<br>thousand adj sq. ft.                                | 643.5<br>thousand adj daily tons | 1,800,685.9<br>adj. buffer time index  | 86.5<br>adjusted points          | 0.6<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.2                                       | 0.0                            | 4.4                                   | 0.1                                      | 0.0                        | 0.0                                                      | 0.7                                             | 0.0                                                        | 0.0                              | 0.1                                    | 0.5                              | 1.2                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                              | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.1                                       |                                | 2.2                                   |                                          | 0.1                        |                                                          |                                                 | 0.0                                                        |                                  |                                        | 0.8                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 25%                                   |                                          | 25%                        |                                                          |                                                 | 25%                                                        |                                  |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.6                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                  |                                        | 0.1                              |                                                          |                                                      |
| Project Benefit                                                | 0.7                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                  |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$8,200,000                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                  |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 0.9                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                  |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

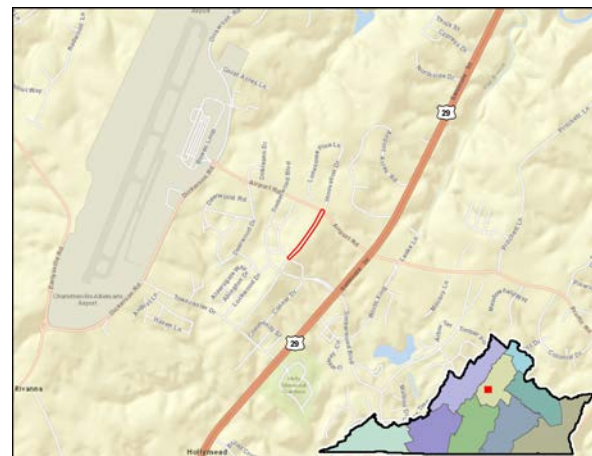
For more information on how to read a scorecard, click here.

Meeting St Extended

App Id: 1516

Project would construct an extension of the existing Meeting St from Timberwood Blvd to Airport Rd

Project Location..... Albemarle County  
SMART SCALE Area Type..... B  
Submitting Entity..... Albemarle County  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... Both  
VTrans Need..... Charlottesville/Albemarle Regional Network  
( Click for details )



**3.6**

SMART SCALE  
SCORE

**#157** OF 404 STATEWIDE

**#14** OF 35 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$7,950,000**

Total Project Cost..... **\$7,950,000**

Project Benefit..... **2.9**

Project Benefit / Total Cost..... **3.6**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                  |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|----------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted           | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 10.2<br>persons                           | 3.0<br>person hrs.             | 0.0<br>EPDO                           | 0.0<br>EPDO / 100M VMT                   | 5.8<br>jobs per resident   | 5.9<br>jobs per resident                                 | 9.5<br>adjusted users                           | 3,631,979.0<br>thousand adj sq. ft.                        | 966.1<br>thousand adj daily tons | 0.0<br>adj. buffer time index          | 12.6<br>adjusted points          | 2.5<br>scaled points                                     | 11,313.3<br>adjusted jobs & pop.                     |
| Normalized Measure Value (0-100)                               | 0.1                                       | 0.1                            | 0.0                                   | 0.0                                      | 0.2                        | 0.2                                                      | 0.1                                             | 12.9                                                       | 0.1                              | 0.0                                    | 0.1                              | 4.8                                                      | 10.0                                                 |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                              | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 0.1                                       |                                | 0.0                                   |                                          | 0.2                        |                                                          |                                                 | 7.7                                                        |                                  |                                        | 2.4                              |                                                          | 10.0                                                 |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 20%                                   |                                          | 25%                        |                                                          |                                                 | 20%                                                        |                                  |                                        | 10%                              |                                                          | 10%                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.0                                   |                                          | 0.0                        |                                                          |                                                 | 1.5                                                        |                                  |                                        | 0.2                              |                                                          | 1.0                                                  |
| Project Benefit                                                | 2.9                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                  |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$7,950,000                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                  |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 3.6                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                  |                                        |                                  |                                                          |                                                      |



# PROJECT SCORECARD

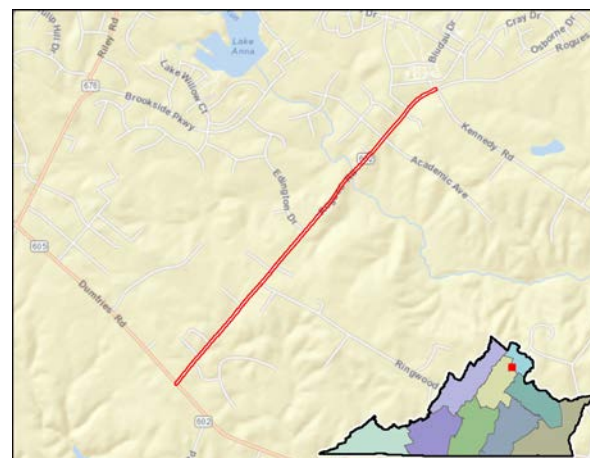
For more information on how to read a scorecard, click [here](#).

Rogues Road Sections 1-4

App Id: 1551

Reconstruct Rogues Road (Rt. 602) from Dumfries Rd (Rt. 605) to Finch Lane (Rt. 652). The intersection of Rogues Rd and Dumfries Rd is ranked #19 in the Culpeper District & the section of Rogues Rd between Route 669 & Kettle Run is ranked #25.

Project Location..... Fauquier County  
SMART SCALE Area Type..... C  
Submitting Entity..... Fauquier County  
Preliminary Engineering..... Underway  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... \$42,470  
Key Fund Sources..... Fed-State Disc  
Administered By..... VDOT  
Eligible Funding Program(s)..... District Grant  
VTrans Need..... New Baltimore Service District  
( [Click for details](#) )



**0.5**

SMART SCALE  
SCORE

**#338** OF 404 STATEWIDE

**#32** OF 35 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$13,663,540**

Total Project Cost..... **\$18,140,010**

Project Benefit..... **0.7**

Project Benefit / Total Cost..... **0.4**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 0.0<br>persons                            | 0.1<br>person hrs.             | 8.4<br>EPDO                           | 199.0<br>EPDO / 100M VMT                 | 4.2<br>jobs per resident   | 4.3<br>jobs per resident                                 | 0.0<br>adjusted users                           | 169,531.3<br>thousand adj sq. ft.                          | 0.0<br>thousand adj daily tons | 14,090,399.6<br>adj. buffer time index | 0.0<br>adjusted points           | 0.5<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.0                                       | 0.0                            | 2.6                                   | 1.0                                      | 0.2                        | 0.2                                                      | 0.0                                             | 0.6                                                        | 0.0                            | 1.0                                    | 0.0                              | 1.0                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.0                                       |                                | 1.8                                   |                                          | 0.1                        |                                                          |                                                 | 0.6                                                        |                                |                                        | 0.5                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 25%                                   |                                          | 25%                        |                                                          |                                                 | 25%                                                        |                                |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.4                                   |                                          | 0.0                        |                                                          |                                                 | 0.1                                                        |                                |                                        | 0.0                              |                                                          |                                                      |
| Project Benefit                                                | 0.7                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$13,663,540                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 0.5                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |

## FREDERICKSBURG DISTRICT

## FREDERICKSBURG DISTRICT

| App # | Project Name                                                  | District Rank | State Rank | Smart Score | Page # |
|-------|---------------------------------------------------------------|---------------|------------|-------------|--------|
| 1349  | Chilesburg-Route 738/639 Intersection Safety Improvements     | 1             | 8          | 81.9        | 03-20  |
| 1141  | Lafayette Blvd and Harrison Road                              | 2             | 28         | 33.5        | 03-10  |
| 1382  | Twin Lake-Kensington Bike/Ped Connector                       | 3             | 41         | 27.0        | 03-22  |
| 1140  | Route 208 and Hood Drive Intersection Improvement             | 4             | 51         | 18.7        | 03-09  |
| 1104  | 107714: Improve Brooke and Leeland VRE Sta, Const PS VRE Sta  | 5             | 58         | 14.9        | 03-05  |
| 1145  | I-95 Exit 126, Route 1 Southbound onto Southpoint Parkway     | 6             | 104        | 7.2         | 03-12  |
| 1443  | Pedestrian/Streetscape Improvements on Rte 17B - Main St      | 7             | 158        | 3.6         | 03-25  |
| 1101  | Rappahannock River Crossing - Northbound (I-95 CD Lanes)      | 8             | 182        | 2.9         | 03-04  |
| 1110  | Loretto Park & Ride Improvements                              | 9             | 194        | 2.6         | 03-06  |
| 1411  | Route 614 Reconstruction - Hickory Fork Road                  | 10            | 202        | 2.5         | 03-23  |
| 1025  | Naval Base Dahlgren Turn Lane Extension Route 301 South       | 11            | 216        | 2.1         | 03-02  |
| 1366  | New Commuter Parking Lot for Route 3 East (Stafford)          | 12            | 235        | 1.9         | 03-21  |
| 1180  | 1. Stafford - Route 1/Enon Road Intersection and Roadway IMP  | 13            | 257        | 1.5         | 03-15  |
| 1009  | Park and Ride                                                 | 14            | 260        | 1.4         | 03-01  |
| 1138  | Route 208 and Breckenridge Drive Intersection Improvements    | 15            | 261        | 1.4         | 03-08  |
| 1194  | 3. Stafford - Butler Road Widening                            | 16            | 271        | 1.2         | 03-17  |
| 1144  | Widening of Smith Station Road at Courthouse Road             | 17            | 280        | 1.0         | 03-11  |
| 1111  | Multi-Use Paths - Routes 17/698/1036                          | 18            | 291        | 0.9         | 03-07  |
| 1192  | 2. Stafford - Rt.1/Eskimo Hill Rd/American Legion Rd INT IMP  | 19            | 307        | 0.7         | 03-16  |
| 1412  | George Washington Memorial Highway - Route 17 Widening        | 20            | 330        | 0.6         | 03-24  |
| 1154  | Pedestrian Improvements on Rte 1208 - Greate Road             | 21            | 350        | 0.4         | 03-14  |
| 1148  | Bridge over I95 and Widening of Harrison Rd - Salem Church Rd | 22            | 353        | 0.4         | 03-13  |
| 1056  | 4 Lane Widening (Divided) Rt. 3 East At Rt. 301 Intersection  | 23            | 359        | 0.3         | 03-03  |
| 1200  | 4. Stafford - Decatur Road Reconstruction                     | 24            | 374        | 0.2         | 03-18  |
| 1211  | Construct Passing Lanes on Route 3 near Lerty                 | 25            | 375        | 0.2         | 03-19  |

# PROJECT SCORECARD

For more information on how to read a scorecard, click [here](#).

Park and Ride

App Id: 1009

Sharon Road Park and Ride

Project Location..... King William County  
 SMART SCALE Area Type..... D  
 Submitting Entity..... King William County  
 Preliminary Engineering..... Not Started  
 Right of Way..... Not Started  
 Construction..... Not Started  
 Expenditures to Date..... N/A  
 Key Fund Sources..... N/A  
 Administered By..... VDOT  
 Eligible Funding Program(s)..... District Grant  
 VTrans Need..... Central Garage UDA  
 ( Click for details )



**1.4**

SMART SCALE  
SCORE

**#260**

OF 404 STATEWIDE

**#14**

OF 25 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$614,000**

Total Project Cost..... **\$614,000**

Project Benefit..... **0.1**

Project Benefit / Total Cost..... **1.4**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                  |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|----------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted           | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 4.8<br>persons                            | 0.1<br>person hrs.             | 1.5<br>EPDO                           | 0.9<br>EPDO / 100M VMT                   | 0.0<br>jobs per resident   | 0.0<br>jobs per resident                                 | 19.2<br>adjusted users                          | 0.0<br>thousand adj sq. ft.                                | 314.0<br>thousand adj daily tons | 0.0<br>adj. buffer time index          | 9.6<br>adjusted points           | 0.1<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.0                                       | 0.0                            | 0.5                                   | 0.0                                      | 0.0                        | 0.0                                                      | 0.1                                             | 0.0                                                        | 0.0                              | 0.0                                    | 0.1                              | 0.1                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                              | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.0                                       |                                | 0.2                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                  |                                        | 0.1                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 10%                                       |                                | 30%                                   |                                          | 15%                        |                                                          |                                                 | 35%                                                        |                                  |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.1                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                  |                                        | 0.0                              |                                                          |                                                      |
| Project Benefit                                                | 0.1                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                  |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$614,000                                 |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                  |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 1.4                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                  |                                        |                                  |                                                          |                                                      |



# PROJECT SCORECARD

For more information on how to read a scorecard, click [here](#).

Naval Base Dahlgren Turn Lane Extension Route 301 South

App Id: 1025

Project would extend the existing southbound Rt 301 left turn lane at Rt 614 Potomac Dr. which provides access to Gate B of Dahlgren Naval Base. This project would create one continuous left turn lane just north of RT 614 Potomac Dr. on RT 301.

Project Location..... King George County  
SMART SCALE Area Type..... D  
Submitting Entity..... King George County  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... District Grant  
VTrans Need..... Dahlgren UDA  
( Click for details )



## 2.1

SMART SCALE  
SCORE

**#216** OF 404 STATEWIDE

**#11** OF 25 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$2,000,000**

Total Project Cost..... **\$2,000,000**

Project Benefit..... **0.4**

Project Benefit / Total Cost..... **2.1**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                     |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|-------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted              | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 0.0<br>persons                            | 8.4<br>person hrs.             | 0.5<br>EPDO                           | 31.5<br>EPDO / 100M VMT                  | 1.5<br>jobs per resident   | 1.5<br>jobs per resident                                 | 0.0<br>adjusted users                           | 187,500.0<br>thousand adj sq. ft.                          | 44,290.7<br>thousand adj daily tons | 0.0<br>adj. buffer time index          | 0.0<br>adjusted points           | 0.4<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.0                                       | 0.3                            | 0.1                                   | 0.2                                      | 0.1                        | 0.1                                                      | 0.0                                             | 0.7                                                        | 2.6                                 | 0.0                                    | 0.0                              | 0.7                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                 | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.1                                       |                                | 0.2                                   |                                          | 0.0                        |                                                          |                                                 | 0.9                                                        |                                     |                                        | 0.4                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 10%                                       |                                | 30%                                   |                                          | 15%                        |                                                          |                                                 | 35%                                                        |                                     |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.0                                   |                                          | 0.0                        |                                                          |                                                 | 0.3                                                        |                                     |                                        | 0.0                              |                                                          |                                                      |
| Project Benefit                                                | 0.4                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$2,000,000                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 2.1                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

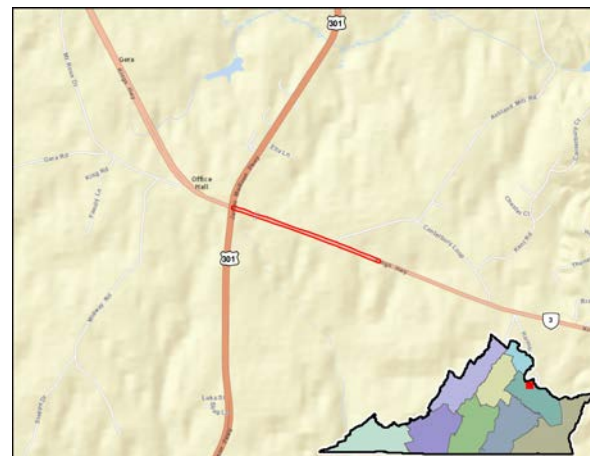
For more information on how to read a scorecard, click [here](#).

4 Lane Widening (Divided) Rt. 3 East At Rt. 301 Intersection

App Id: 1056

Turn Lane Additions and Widening of Route 3 East (4 Lanes Divided) at the Intersection of RTE 301 and improvements to the signalized intersection and pedestrian access as shown by VDOT in the Northern Neck Corridor Transportation Study.

Project Location..... King George County  
SMART SCALE Area Type..... D  
Submitting Entity..... King George County  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... Both  
VTrans Need..... Washington to North Carolina CoSS  
( Click for details )



**0.3**

SMART SCALE  
SCORE

**#359** OF 404 STATEWIDE

**#23** OF 25 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$15,000,000**

Total Project Cost..... **\$15,000,000**

Project Benefit..... **0.5**

Project Benefit / Total Cost..... **0.3**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                     |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|-------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted              | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 0.0<br>persons                            | 2.6<br>person hrs.             | 3.6<br>EPDO                           | 146.2<br>EPDO / 100M VMT                 | 0.1<br>jobs per resident   | 0.1<br>jobs per resident                                 | 0.0<br>adjusted users                           | 137,500.0<br>thousand adj sq. ft.                          | 11,959.7<br>thousand adj daily tons | 922,325.5<br>adj. buffer time index    | 0.0<br>adjusted points           | 0.4<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.0                                       | 0.1                            | 1.1                                   | 0.8                                      | 0.0                        | 0.0                                                      | 0.0                                             | 0.5                                                        | 0.7                                 | 0.1                                    | 0.0                              | 0.8                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                 | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.0                                       |                                | 0.9                                   |                                          | 0.0                        |                                                          |                                                 | 0.4                                                        |                                     |                                        | 0.4                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 10%                                       |                                | 30%                                   |                                          | 15%                        |                                                          |                                                 | 35%                                                        |                                     |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.3                                   |                                          | 0.0                        |                                                          |                                                 | 0.2                                                        |                                     |                                        | 0.0                              |                                                          |                                                      |
| Project Benefit                                                | 0.5                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$15,000,000                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 0.3                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

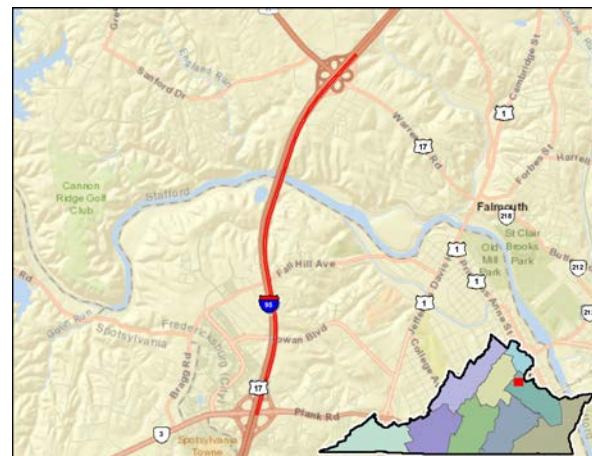
For more information on how to read a scorecard, click here.

Rappahannock River Crossing - Northbound (I-95 CD Lanes)

App Id: 1101

Collector-distributor road parallel to Interstate 95 northbound between Exit 130 (Route 3) and Exit 133 (US 17) in the City of Fredericksburg and Stafford County. Interchange improvements at Exit 133 (US 17).

Project Location..... Multiple  
SMART SCALE Area Type..... A  
Submitting Entity..... Fredericksburg Area Metropolitan Planning Organization  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... High Priority  
VTrans Need..... Washington to North Carolina CoSS  
( Click for details )



**2.9**

SMART SCALE  
SCORE

**#182** OF 404 STATEWIDE

**#8** OF 25 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$130,000,000**

Total Project Cost..... **\$132,000,000**

Project Benefit..... **37.8**

Project Benefit / Total Cost..... **2.9**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                        |                                           | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|----------------------------------------|-------------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted                 | Improvement to Travel Time Reliability    | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 6,189.2<br>persons                        | 1,781.5<br>person hrs.         | 35.3<br>EPDO                          | 26.4<br>EPDO / 100M VMT                  | 475.9<br>jobs per resident | 480.1<br>jobs per resident                               | 0.0<br>adjusted users                           | 928,975.1<br>thousand adj sq. ft.                          | 1,067,834.8<br>thousand adj daily tons | 1,363,468,218.4<br>adj. buffer time index | 15,263.0<br>adjusted points      | 15.8<br>scaled points                                    | 9,012.5<br>adjusted jobs & pop.                      |
| Normalized Measure Value (0-100)                               | 61.1                                      | 54.8                           | 10.7                                  | 0.1                                      | 18.2                       | 18.3                                                     | 0.0                                             | 3.3                                                        | 63.0                                   | 100.0                                     | 89.1                             | 30.8                                                     | 8.0                                                  |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                    | 20%                                       | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 57.9                                      |                                | 5.4                                   |                                          | 14.5                       |                                                          |                                                 | 34.6                                                       |                                        |                                           | 59.9                             |                                                          | 8.0                                                  |
| Factor Weight (% of Project Score)                             | 45%                                       |                                | 5%                                    |                                          | 15%                        |                                                          |                                                 | 5%                                                         |                                        |                                           | 10%                              |                                                          | 20%                                                  |
| Weighted Factor Value                                          | 26.1                                      |                                | 0.3                                   |                                          | 2.2                        |                                                          |                                                 | 1.7                                                        |                                        |                                           | 6.0                              |                                                          | 1.6                                                  |
| Project Benefit                                                | 37.8                                      |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                        |                                           |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$130,000,000                             |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                        |                                           |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 2.9                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                        |                                           |                                  |                                                          |                                                      |

# PROJECT SCORECARD

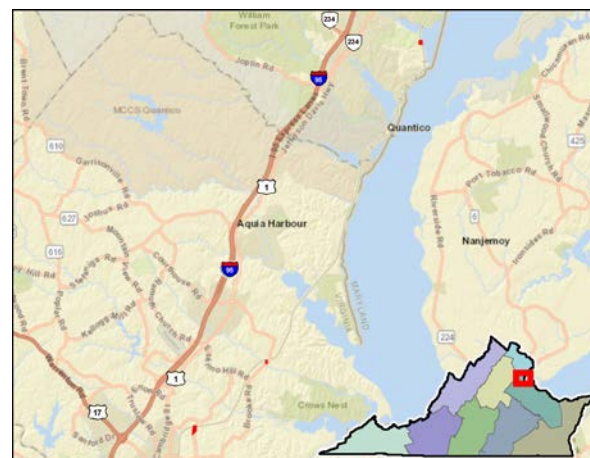
For more information on how to read a scorecard, click here.

107714: Improve Brooke and Leeland VRE Sta, Const PS VRE Sta

App Id: 1104

To increase capacity of Leeland and Brooke VRE Stations by adding a 2nd Platform, extending the existing platform, expanding the parking lot at Leeland Road Station, and adding bike/ped accommodations. Construct new VRE Station at Potomac Shores.

Project Location..... Stafford County  
SMART SCALE Area Type..... A  
Submitting Entity..... George Washington Regional Commission  
Preliminary Engineering..... Not Started  
Right of Way..... Not Needed  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... Other  
Eligible Funding Program(s)..... High Priority  
VTrans Need..... Washington to North Carolina CoSS  
( Click for details )



**14.9**

SMART SCALE  
SCORE

**#58**

OF 404 STATEWIDE

**#5**

OF 25 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$22,047,320**

Total Project Cost..... **\$59,759,770**

Project Benefit..... **33.0**

Project Benefit / Total Cost..... **5.5**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                     |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|-------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted              | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 1,105.4 persons                           | 1,225.4 person hrs.            | 167.6 EPDO                            | 0.0 EPDO / 100M VMT                      | 1,628.4 jobs per resident  | 1,640.5 jobs per resident                                | 5,527.1 adjusted users                          | 18,678,940.2 thousand adj sq. ft.                          | 1,604,065.2 thousand adj daily tons | 0.0 adj. buffer time index             | 11,284.0 adjusted points         | 28.4 scaled points                                       | 10,698.9 adjusted jobs & pop.                        |
| Normalized Measure Value (0-100)                               | 10.9                                      | 37.7                           | 51.0                                  | 0.0                                      | 62.1                       | 62.4                                                     | 37.8                                            | 66.3                                                       | 94.7                                | 0.0                                    | 65.9                             | 55.1                                                     | 9.5                                                  |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 100%                                  | 0%                                       | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                 | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 24.3                                      |                                | 51.0                                  |                                          | 57.3                       |                                                          |                                                 | 58.7                                                       |                                     |                                        | 60.5                             |                                                          | 9.5                                                  |
| Factor Weight (% of Project Score)                             | 45%                                       |                                | 5%                                    |                                          | 15%                        |                                                          |                                                 | 5%                                                         |                                     |                                        | 10%                              |                                                          | 20%                                                  |
| Weighted Factor Value                                          | 10.9                                      |                                | 2.6                                   |                                          | 8.6                        |                                                          |                                                 | 2.9                                                        |                                     |                                        | 6.0                              |                                                          | 1.9                                                  |
| Project Benefit                                                | 33.0                                      |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$22,047,320                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 14.9                                      |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |



# PROJECT SCORECARD

For more information on how to read a scorecard, click [here](#).

Loretto Park & Ride Improvements

App Id: 1110

Improve existing Park & Ride Lot at Routes 17/654 Intersection in Loretto (Essex County)

Project Location..... Essex County  
SMART SCALE Area Type..... D  
Submitting Entity..... Essex County  
Preliminary Engineering..... Not Started  
Right of Way..... Not Needed  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... District Grant  
VTrans Need..... PnR paving and lighting reduce risk  
( [Click for details](#) )



**2.6**

SMART SCALE  
SCORE

**#194** OF 404 STATEWIDE

**#9** OF 25 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$915,000**

Total Project Cost..... **\$915,000**

Project Benefit..... **0.2**

Project Benefit / Total Cost..... **2.6**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                 |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|---------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted          | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 0.5<br>persons                            | 0.0<br>person hrs.             | 0.2<br>EPDO                           | 0.0<br>EPDO / 100M VMT                   | 0.0<br>jobs per resident   | 0.0<br>jobs per resident                                 | 1.9<br>adjusted users                           | 0.0<br>thousand adj sq. ft.                                | 35.3<br>thousand adj daily tons | 0.0<br>adj. buffer time index          | 726.5<br>adjusted points         | 0.2<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.0                                       | 0.0                            | 0.1                                   | 0.0                                      | 0.0                        | 0.0                                                      | 0.0                                             | 0.0                                                        | 0.0                             | 0.0                                    | 4.2                              | 0.3                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                             | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.0                                       |                                | 0.0                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                 |                                        | 2.3                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 10%                                       |                                | 30%                                   |                                          | 15%                        |                                                          |                                                 | 35%                                                        |                                 |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.0                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                 |                                        | 0.2                              |                                                          |                                                      |
| Project Benefit                                                | 0.2                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                 |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$915,000                                 |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                 |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 2.6                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                 |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

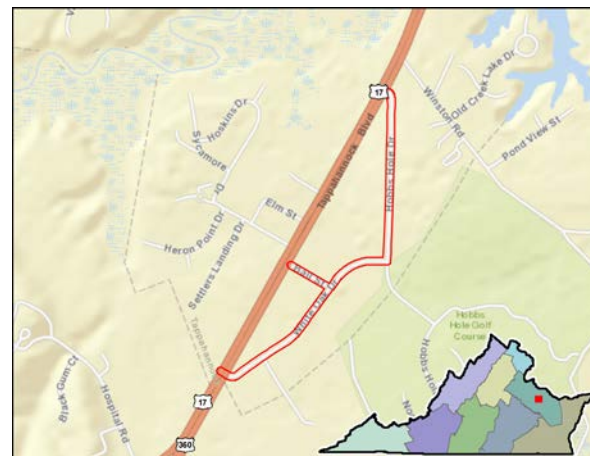
For more information on how to read a scorecard, click [here](#).

Multi-Use Paths - Routes 17/698/1036

App Id: 1111

10' wide shared-use path along the eastern side of Route 698, White Oak Dr and Hobbs Hole Dr. between two intersections with Route 17

Project Location..... Essex County  
SMART SCALE Area Type..... D  
Submitting Entity..... Essex County  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... Both  
VTrans Need..... Safety: Geometric Issue  
( Click for details )



**0.9**

SMART SCALE  
SCORE

**#291** OF 404 STATEWIDE

**#18** OF 25 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$4,678,000**

Total Project Cost..... **\$4,678,000**

Project Benefit..... **0.4**

Project Benefit / Total Cost..... **0.9**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 4.0<br>persons                            | 0.0<br>person hrs.             | 3.6<br>EPDO                           | 235.2<br>EPDO / 100M VMT                 | 2.0<br>jobs per resident   | 2.0<br>jobs per resident                                 | 11.9<br>adjusted users                          | 0.0<br>thousand adj sq. ft.                                | 0.0<br>thousand adj daily tons | 2,110,934.6<br>adj. buffer time index  | 15.9<br>adjusted points          | 0.3<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.0                                       | 0.0                            | 1.1                                   | 1.2                                      | 0.1                        | 0.1                                                      | 0.1                                             | 0.0                                                        | 0.0                            | 0.2                                    | 0.1                              | 0.7                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.0                                       |                                | 1.2                                   |                                          | 0.1                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.4                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 10%                                       |                                | 30%                                   |                                          | 15%                        |                                                          |                                                 | 35%                                                        |                                |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.3                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.0                              |                                                          |                                                      |
| Project Benefit                                                | 0.4                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$4,678,000                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 0.9                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

For more information on how to read a scorecard, click [here](#).

Route 208 and Breckenridge Drive Intersection Improvements

App Id: 1138

Intersection improvements to Route 208 and Breckenridge Drive. This project would provide additional turn lane stacking on 208 and reduce the back up of traffic on Route 208 (Courthouse Road).

Project Location..... Spotsylvania County  
SMART SCALE Area Type..... A  
Submitting Entity..... Spotsylvania County  
Preliminary Engineering..... Not Started  
Right of Way..... Underway  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... Both  
VTrans Need..... Fredericksburg Regional Network  
( [Click for details](#) )



**1.4**

SMART SCALE  
SCORE

**#261** OF 404 STATEWIDE

**#15** OF 25 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$1,592,500**

Total Project Cost..... **\$1,767,500**

Project Benefit..... **0.2**

Project Benefit / Total Cost..... **1.3**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 3.1<br>persons                            | 0.0<br>person hrs.             | 9.2<br>EPDO                           | 443.1<br>EPDO / 100M VMT                 | 13.4<br>jobs per resident  | 13.3<br>jobs per resident                                | 15.4<br>adjusted users                          | 83,750.0<br>thousand adj sq. ft.                           | 0.0<br>thousand adj daily tons | 3,742,740.5<br>adj. buffer time index  | 6.2<br>adjusted points           | 0.2<br>scaled points                                     | 0.0<br>adjusted jobs & pop.                          |
| Normalized Measure Value (0-100)                               | 0.0                                       | 0.0                            | 2.8                                   | 2.3                                      | 0.5                        | 0.5                                                      | 0.1                                             | 0.3                                                        | 0.0                            | 0.3                                    | 0.0                              | 0.3                                                      | 0.0                                                  |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 0.0                                       |                                | 2.5                                   |                                          | 0.4                        |                                                          |                                                 | 0.2                                                        |                                |                                        | 0.2                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 45%                                       |                                | 5%                                    |                                          | 15%                        |                                                          |                                                 | 5%                                                         |                                |                                        | 10%                              |                                                          | 20%                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.1                                   |                                          | 0.1                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.0                              |                                                          | 0.0                                                  |
| Project Benefit                                                | 0.2                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$1,592,500                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 1.4                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

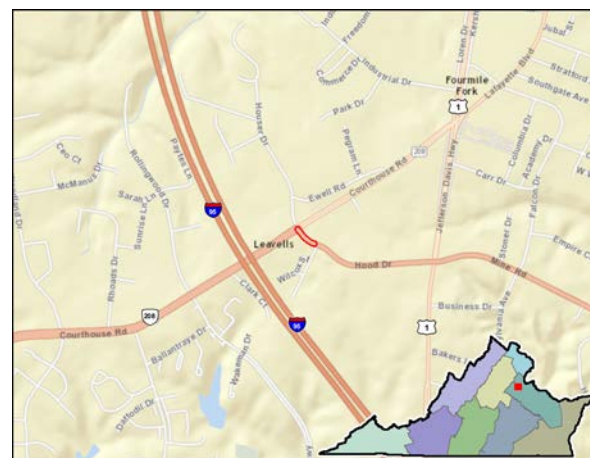
For more information on how to read a scorecard, click [here](#).

Route 208 and Hood Drive Intersection Improvement

App Id: 1140

This project will provide intersection improvements to Route 208 (Courthouse Road) and Route 636 (Hood Drive). Hood Drive provides the direct access point to the park and ride for commuters to access I95.

Project Location..... Spotsylvania County  
SMART SCALE Area Type..... A  
Submitting Entity..... Spotsylvania County  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... Both  
VTrans Need..... Fredericksburg Regional Network  
( [Click for details](#) )



**18.7**

SMART SCALE  
SCORE

**#51**

OF 404 STATEWIDE

**#4**

OF 25 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$4,888,655**

Total Project Cost..... **\$5,150,000**

Project Benefit..... **9.1**

Project Benefit / Total Cost..... **17.8**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                     |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|-------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted              | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 1,656.8<br>persons                        | 252.2<br>person hrs.           | 5.4<br>EPDO                           | 194.1<br>EPDO / 100M VMT                 | 44.2<br>jobs per resident  | 44.3<br>jobs per resident                                | 182.3<br>adjusted users                         | 374,312.5<br>thousand adj sq. ft.                          | 11,808.5<br>thousand adj daily tons | 5,070,070.7<br>adj. buffer time index  | 182.3<br>adjusted points         | 8.3<br>scaled points                                     | 14,159.8<br>adjusted jobs & pop.                     |
| Normalized Measure Value (0-100)                               | 16.3                                      | 7.8                            | 1.6                                   | 1.0                                      | 1.7                        | 1.7                                                      | 1.2                                             | 1.3                                                        | 0.7                                 | 0.4                                    | 1.1                              | 16.2                                                     | 12.5                                                 |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                 | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 12.1                                      |                                | 1.3                                   |                                          | 1.6                        |                                                          |                                                 | 1.0                                                        |                                     |                                        | 8.6                              |                                                          | 12.5                                                 |
| Factor Weight (% of Project Score)                             | 45%                                       |                                | 5%                                    |                                          | 15%                        |                                                          |                                                 | 5%                                                         |                                     |                                        | 10%                              |                                                          | 20%                                                  |
| Weighted Factor Value                                          | 5.4                                       |                                | 0.1                                   |                                          | 0.2                        |                                                          |                                                 | 0.1                                                        |                                     |                                        | 0.9                              |                                                          | 2.5                                                  |
| Project Benefit                                                | 9.1                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$4,888,655                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 18.7                                      |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |



# PROJECT SCORECARD

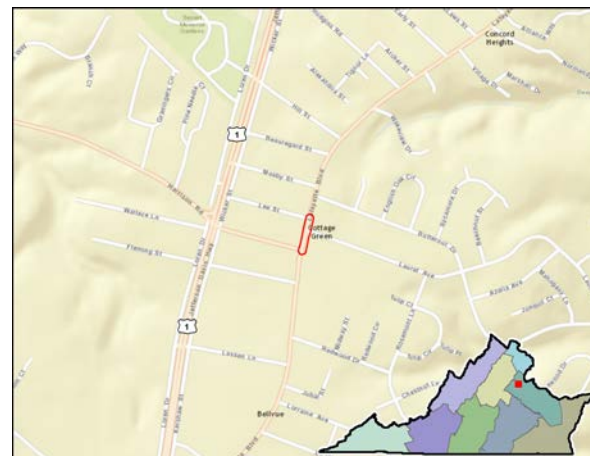
For more information on how to read a scorecard, click [here](#).

Lafayette Blvd and Harrison Road

App Id: 1141

Lafayette Blvd and Harrison Road intersection improvements

Project Location..... Spotsylvania County  
SMART SCALE Area Type..... A  
Submitting Entity..... Spotsylvania County  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... Both  
VTrans Need..... Fredericksburg Regional Network  
( [Click for details](#) )



**33.5**

SMART SCALE  
SCORE

**#28**

OF 404 STATEWIDE

**#2**

OF 25 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$1,063,000**

Total Project Cost..... **\$1,200,000**

Project Benefit..... **3.6**

Project Benefit / Total Cost..... **29.7**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 19.7<br>persons                           | 0.0<br>person hrs.             | 1.2<br>EPDO                           | 142.3<br>EPDO / 100M VMT                 | 0.0<br>jobs per resident   | 0.0<br>jobs per resident                                 | 29.6<br>adjusted users                          | 3,786,030.0<br>thousand adj sq. ft.                        | 0.0<br>thousand adj daily tons | 804,636.7<br>adj. buffer time index    | 59.1<br>adjusted points          | 2.6<br>scaled points                                     | 15,906.2<br>adjusted jobs & pop.                     |
| Normalized Measure Value (0-100)                               | 0.2                                       | 0.0                            | 0.4                                   | 0.7                                      | 0.0                        | 0.0                                                      | 0.2                                             | 13.4                                                       | 0.0                            | 0.1                                    | 0.3                              | 5.1                                                      | 14.1                                                 |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 0.1                                       |                                | 0.5                                   |                                          | 0.0                        |                                                          |                                                 | 8.1                                                        |                                |                                        | 2.7                              |                                                          | 14.1                                                 |
| Factor Weight (% of Project Score)                             | 45%                                       |                                | 5%                                    |                                          | 15%                        |                                                          |                                                 | 5%                                                         |                                |                                        | 10%                              |                                                          | 20%                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.0                                   |                                          | 0.0                        |                                                          |                                                 | 0.4                                                        |                                |                                        | 0.3                              |                                                          | 2.8                                                  |
| Project Benefit                                                | 3.6                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$1,063,000                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 33.5                                      |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

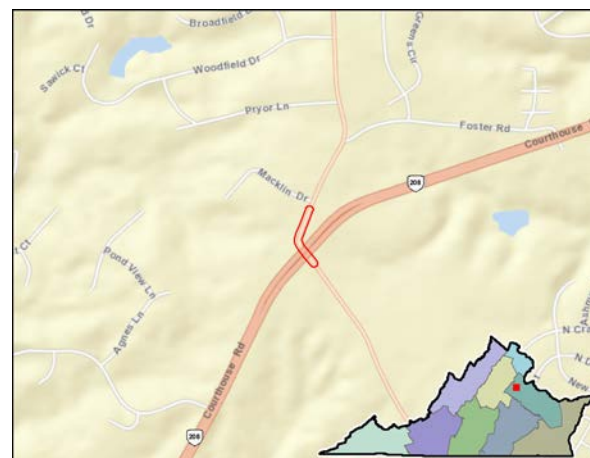
For more information on how to read a scorecard, click [here](#).

Widening of Smith Station Road at Courthouse Road

App Id: 1144

Intersection improvement and widening of Smith Station Road at Courthouse Road will provide turn lanes.

Project Location..... Spotsylvania County  
 SMART SCALE Area Type..... A  
 Submitting Entity..... Spotsylvania County  
 Preliminary Engineering..... Not Started  
 Right of Way..... Not Started  
 Construction..... Not Started  
 Expenditures to Date..... N/A  
 Key Fund Sources..... N/A  
 Administered By..... VDOT  
 Eligible Funding Program(s)..... Both  
 VTrans Need..... Fredericksburg Regional Network  
 ( Click for details )



**1.0**

SMART SCALE  
SCORE

**#280** OF 404 STATEWIDE

**#17** OF 25 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$4,975,000**

Total Project Cost..... **\$4,975,000**

Project Benefit..... **0.5**

Project Benefit / Total Cost..... **1.0**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 62.6<br>persons                           | 20.1<br>person hrs.            | 8.4<br>EPDO                           | 258.0<br>EPDO / 100M VMT                 | 6.1<br>jobs per resident   | 6.1<br>jobs per resident                                 | 93.9<br>adjusted users                          | 73,692.0<br>thousand adj sq. ft.                           | 0.0<br>thousand adj daily tons | 3,373,906.2<br>adj. buffer time index  | 125.3<br>adjusted points         | 0.4<br>scaled points                                     | 0.0<br>adjusted jobs & pop.                          |
| Normalized Measure Value (0-100)                               | 0.6                                       | 0.6                            | 2.6                                   | 1.3                                      | 0.2                        | 0.2                                                      | 0.6                                             | 0.3                                                        | 0.0                            | 0.2                                    | 0.7                              | 0.7                                                      | 0.0                                                  |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 0.6                                       |                                | 1.9                                   |                                          | 0.3                        |                                                          |                                                 | 0.2                                                        |                                |                                        | 0.7                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 45%                                       |                                | 5%                                    |                                          | 15%                        |                                                          |                                                 | 5%                                                         |                                |                                        | 10%                              |                                                          | 20%                                                  |
| Weighted Factor Value                                          | 0.3                                       |                                | 0.1                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.1                              |                                                          | 0.0                                                  |
| Project Benefit                                                | 0.5                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$4,975,000                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 1.0                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

For more information on how to read a scorecard, click here.

I-95 Exit 126, Route 1 Southbound onto Southpoint Parkway

App Id: 1145

I-95 Exit 126 and Route 1 widening, including turn lanes onto Southpoint Parkway and widening of Southpoint Parkway.

Project Location..... Spotsylvania County  
SMART SCALE Area Type..... A  
Submitting Entity..... Spotsylvania County  
Preliminary Engineering..... Underway  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... Both  
VTrans Need..... Washington to North Carolina CoSS  
( Click for details )



**7.2**

SMART SCALE  
SCORE

**#104** OF 404 STATEWIDE

**#6** OF 25 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$12,745,000**

Total Project Cost..... **\$14,495,000**

Project Benefit..... **9.2**

Project Benefit / Total Cost..... **6.3**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                     |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|-------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted              | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 1,628.2<br>persons                        | 132.1<br>person hrs.           | 8.1<br>EPDO                           | 69.5<br>EPDO / 100M VMT                  | 40.1<br>jobs per resident  | 40.8<br>jobs per resident                                | 174.4<br>adjusted users                         | 244,166.5<br>thousand adj sq. ft.                          | 28,465.6<br>thousand adj daily tons | 67,195,630.6<br>adj. buffer time index | 650.0<br>adjusted points         | 7.7<br>scaled points                                     | 18,840.4<br>adjusted jobs & pop.                     |
| Normalized Measure Value (0-100)                               | 16.1                                      | 4.1                            | 2.5                                   | 0.4                                      | 1.5                        | 1.5                                                      | 1.2                                             | 0.9                                                        | 1.7                                 | 4.9                                    | 3.8                              | 14.9                                                     | 16.7                                                 |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                 | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 10.1                                      |                                | 1.4                                   |                                          | 1.5                        |                                                          |                                                 | 1.8                                                        |                                     |                                        | 9.4                              |                                                          | 16.7                                                 |
| Factor Weight (% of Project Score)                             | 45%                                       |                                | 5%                                    |                                          | 15%                        |                                                          |                                                 | 5%                                                         |                                     |                                        | 10%                              |                                                          | 20%                                                  |
| Weighted Factor Value                                          | 4.5                                       |                                | 0.1                                   |                                          | 0.2                        |                                                          |                                                 | 0.1                                                        |                                     |                                        | 0.9                              |                                                          | 3.3                                                  |
| Project Benefit                                                | 9.2                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$12,745,000                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 7.2                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |

## PROJECT SCORECARD

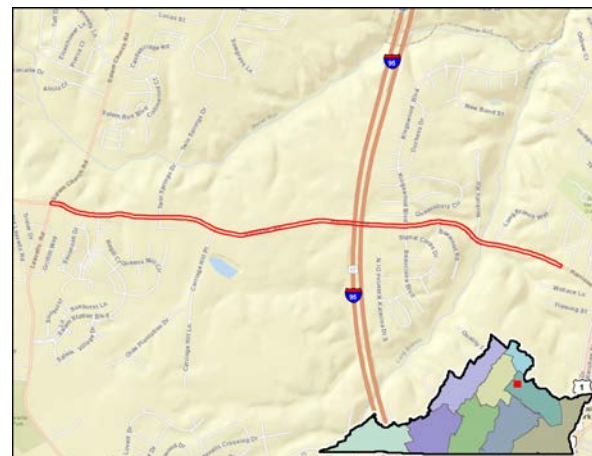
For more information on how to read a scorecard, click [here](#).

Bridge over I95 and Widening of Harrison Rd - Salem Church Rd

App Id: 1148

This project provides two additional through lanes on Harrison Road, full bike and pedestrian connectivity from Rt 1 to Rt 639 (Salem Church Road) and further provides additional bridge length for I95 future construction HOV/HOT lanes and CD lanes.

Project Location..... Spotsylvania County  
 SMART SCALE Area Type..... A  
 Submitting Entity..... Spotsylvania County  
 Preliminary Engineering..... Not Started  
 Right of Way..... Not Started  
 Construction..... Not Started  
 Expenditures to Date..... N/A  
 Key Fund Sources..... N/A  
 Administered By..... VDOT  
 Eligible Funding Program(s)..... Both  
 VTrans Need..... Washington to North Carolina CoSS  
 ( [Click for details](#) )



**0.4**

SMART SCALE  
SCORE

**#353** OF 404 STATEWIDE

**#22** OF 25 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$86,070,000**

Total Project Cost..... **\$86,070,000**

Project Benefit..... **3.1**

Project Benefit / Total Cost..... **0.4**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                    |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted             | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 124.3<br>persons                          | 24.5<br>person hrs.            | 81.4<br>EPDO                          | 614.5<br>EPDO / 100M VMT                 | 33.8<br>jobs per resident  | 33.9<br>jobs per resident                                | 62.8<br>adjusted users                          | 2,074,774.5<br>thousand adj sq. ft.                        | 5,780.9<br>thousand adj daily tons | 33,858,352.5<br>adj. buffer time index | 83.8<br>adjusted points          | 2.4<br>scaled points                                     | 7,157.0<br>adjusted jobs & pop.                      |
| Normalized Measure Value (0-100)                               | 1.2                                       | 0.8                            | 24.8                                  | 3.2                                      | 1.3                        | 1.3                                                      | 0.4                                             | 7.4                                                        | 0.3                                | 2.5                                    | 0.5                              | 4.6                                                      | 6.3                                                  |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 1.0                                       |                                | 14.0                                  |                                          | 1.1                        |                                                          |                                                 | 5.0                                                        |                                    |                                        | 2.5                              |                                                          | 6.3                                                  |
| Factor Weight (% of Project Score)                             | 45%                                       |                                | 5%                                    |                                          | 15%                        |                                                          |                                                 | 5%                                                         |                                    |                                        | 10%                              |                                                          | 20%                                                  |
| Weighted Factor Value                                          | 0.4                                       |                                | 0.7                                   |                                          | 0.2                        |                                                          |                                                 | 0.2                                                        |                                    |                                        | 0.3                              |                                                          | 1.3                                                  |
| Project Benefit                                                | 3.1                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$86,070,000                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 0.4                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |



# PROJECT SCORECARD

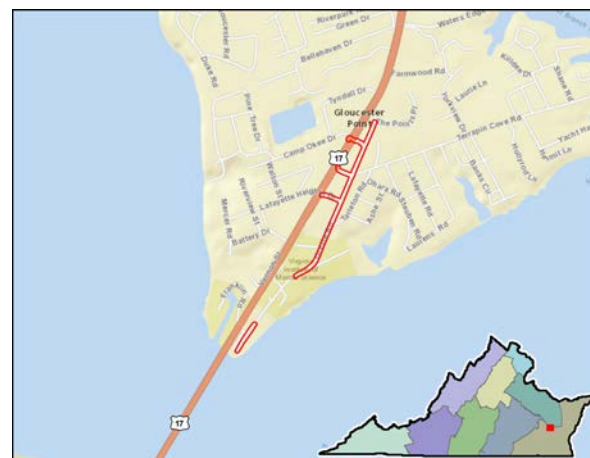
For more information on how to read a scorecard, click [here](#).

Pedestrian Improvements on Rte 1208 - Greate Road

App Id: 1154

Pedestrian Improvements on Rte. 1208 Greate Rd and Greate Road West from the intersection with Rte. 17 to the Gloucester Point Beach and Public Boat Ramp.

Project Location..... Gloucester County  
SMART SCALE Area Type..... D  
Submitting Entity..... Gloucester County  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... Both  
VTrans Need..... Hampton Roads Regional Network  
( [Click for details](#) )



**0.4**

SMART SCALE  
SCORE

**#350** OF 404 STATEWIDE

**#21** OF 25 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$2,120,000**

Total Project Cost..... **\$2,120,000**

Project Benefit..... **0.1**

Project Benefit / Total Cost..... **0.4**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 3.6<br>persons                            | 0.0<br>person hrs.             | 0.8<br>EPDO                           | 42.8<br>EPDO / 100M VMT                  | 1.0<br>jobs per resident   | 0.2<br>jobs per resident                                 | 5.5<br>adjusted users                           | 0.0<br>thousand adj sq. ft.                                | 0.0<br>thousand adj daily tons | 0.0<br>adj. buffer time index          | 7.3<br>adjusted points           | 0.0<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.0                                       | 0.0                            | 0.2                                   | 0.2                                      | 0.0                        | 0.0                                                      | 0.0                                             | 0.0                                                        | 0.0                            | 0.0                                    | 0.0                              | 0.1                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.0                                       |                                | 0.2                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.1                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 10%                                       |                                | 30%                                   |                                          | 15%                        |                                                          |                                                 | 35%                                                        |                                |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.1                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.0                              |                                                          |                                                      |
| Project Benefit                                                | 0.1                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$2,120,000                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 0.4                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

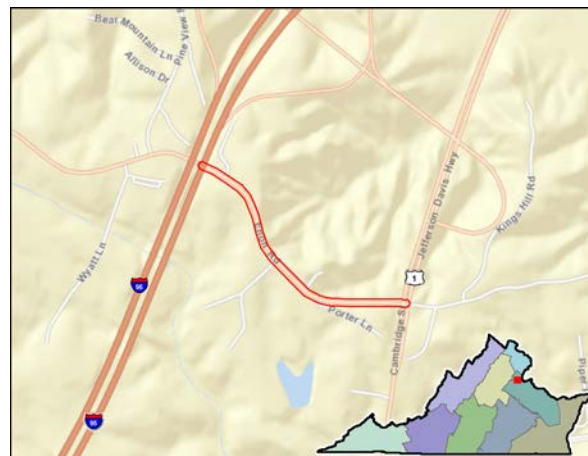
For more information on how to read a scorecard, click here.

## 1. Stafford - Route 1/Enon Road Intersection and Roadway IMP

App Id: 1180

The project will provide a two-way left turn lane, an additional left turn lane from northbound Jefferson Davis Hwy onto Enon Rd, dedicated turn lanes at the intersection of Stafford Indians Ln (SR-9399), and 5' sidewalks along both sides of Enon Rd.

Project Location..... Stafford County  
 SMART SCALE Area Type..... A  
 Submitting Entity..... Stafford County  
 Preliminary Engineering..... Underway  
 Right of Way..... Not Started  
 Construction..... Not Started  
 Expenditures to Date..... N/A  
 Key Fund Sources..... N/A  
 Administered By..... Locality  
 Eligible Funding Program(s)..... Both  
 VTrans Need..... Washington to North Carolina CoSS  
 ( Click for details )



**1.5**

SMART SCALE  
SCORE

**#257** OF 404 STATEWIDE

**#13** OF 25 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$9,698,532**

Total Project Cost..... **\$10,100,000**

Project Benefit..... **1.4**

Project Benefit / Total Cost..... **1.4**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                     |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|-------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted              | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 9.1<br>persons                            | 66.3<br>person hrs.            | 2.7<br>EPDO                           | 95.9<br>EPDO / 100M VMT                  | 19.8<br>jobs per resident  | 20.2<br>jobs per resident                                | 45.4<br>adjusted users                          | 16,875.0<br>thousand adj sq. ft.                           | 11,744.7<br>thousand adj daily tons | 3,128,530.0<br>adj. buffer time index  | 31.8<br>adjusted points          | 1.2<br>scaled points                                     | 3,825.2<br>adjusted jobs & pop.                      |
| Normalized Measure Value (0-100)                               | 0.1                                       | 2.0                            | 0.8                                   | 0.5                                      | 0.8                        | 0.8                                                      | 0.3                                             | 0.1                                                        | 0.7                                 | 0.2                                    | 0.2                              | 2.4                                                      | 3.4                                                  |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                 | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 1.1                                       |                                | 0.7                                   |                                          | 0.7                        |                                                          |                                                 | 0.2                                                        |                                     |                                        | 1.3                              |                                                          | 3.4                                                  |
| Factor Weight (% of Project Score)                             | 45%                                       |                                | 5%                                    |                                          | 15%                        |                                                          |                                                 | 5%                                                         |                                     |                                        | 10%                              |                                                          | 20%                                                  |
| Weighted Factor Value                                          | 0.5                                       |                                | 0.0                                   |                                          | 0.1                        |                                                          |                                                 | 0.0                                                        |                                     |                                        | 0.1                              |                                                          | 0.7                                                  |
| Project Benefit                                                | 1.4                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$9,698,532                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 1.5                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

For more information on how to read a scorecard, click [here](#).

2. Stafford - Rt.1/Eskimo Hill Rd/American Legion Rd INT IMP

App Id: 1192

Project will add dedicated left turn lanes along Eskimo Hill Road and American Legion Road as well as add dedicated right turn lanes for both NB and SB Route 1.

Project Location..... Stafford County  
SMART SCALE Area Type..... A  
Submitting Entity..... Stafford County  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... Both  
VTrans Need..... Fredericksburg Regional Network  
( Click for details )



**0.7**

SMART SCALE  
SCORE

**#307** OF 404 STATEWIDE

**#19** OF 25 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$3,250,000**

Total Project Cost..... **\$3,670,000**

Project Benefit..... **0.2**

Project Benefit / Total Cost..... **0.6**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                    |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted             | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 0.0<br>persons                            | 0.2<br>person hrs.             | 0.8<br>EPDO                           | 85.4<br>EPDO / 100M VMT                  | 0.1<br>jobs per resident   | 0.1<br>jobs per resident                                 | 0.0<br>adjusted users                           | 0.0<br>thousand adj sq. ft.                                | 4,173.1<br>thousand adj daily tons | 240,354.6<br>adj. buffer time index    | 0.0<br>adjusted points           | 0.2<br>scaled points                                     | 1,113.3<br>adjusted jobs & pop.                      |
| Normalized Measure Value (0-100)                               | 0.0                                       | 0.0                            | 0.2                                   | 0.4                                      | 0.0                        | 0.0                                                      | 0.0                                             | 0.0                                                        | 0.2                                | 0.0                                    | 0.0                              | 0.4                                                      | 1.0                                                  |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 0.0                                       |                                | 0.3                                   |                                          | 0.0                        |                                                          |                                                 | 0.1                                                        |                                    |                                        | 0.2                              |                                                          | 1.0                                                  |
| Factor Weight (% of Project Score)                             | 45%                                       |                                | 5%                                    |                                          | 15%                        |                                                          |                                                 | 5%                                                         |                                    |                                        | 10%                              |                                                          | 20%                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.0                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                    |                                        | 0.0                              |                                                          | 0.2                                                  |
| Project Benefit                                                | 0.2                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$3,250,000                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 0.7                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

For more information on how to read a scorecard, click here.

## 3. Stafford - Butler Road Widening

App Id: 1194

Reconstruct and widen Route 218 (Butler Road) from 2 to 4 lanes. Dedicated right and left turn lanes will be added at intersecting side streets. A 5-foot sidewalk will be added on both east and west sides of Butler Road.

Project Location..... Stafford County  
SMART SCALE Area Type..... A  
Submitting Entity..... Stafford County  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... Both  
VTrans Need..... Fredericksburg Regional Network  
( Click for details )



# 1.2

SMART SCALE  
SCORE

**#271** OF 404 STATEWIDE

**#16** OF 25 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$25,646,000**

Total Project Cost..... **\$28,500,000**

Project Benefit..... **3.1**

Project Benefit / Total Cost..... **1.1**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                    |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted             | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 20.4<br>persons                           | 6.8<br>person hrs.             | 57.0<br>EPDO                          | 954.7<br>EPDO / 100M VMT                 | 11.5<br>jobs per resident  | 11.6<br>jobs per resident                                | 102.0<br>adjusted users                         | 0.0<br>thousand adj sq. ft.                                | 7,099.7<br>thousand adj daily tons | 15,893,060.5<br>adj. buffer time index | 61.2<br>adjusted points          | 2.2<br>scaled points                                     | 11,896.8<br>adjusted jobs & pop.                     |
| Normalized Measure Value (0-100)                               | 0.2                                       | 0.2                            | 17.3                                  | 4.9                                      | 0.4                        | 0.4                                                      | 0.7                                             | 0.0                                                        | 0.4                                | 1.2                                    | 0.4                              | 4.3                                                      | 10.5                                                 |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 0.2                                       |                                | 11.1                                  |                                          | 0.5                        |                                                          |                                                 | 0.3                                                        |                                    |                                        | 2.3                              |                                                          | 10.5                                                 |
| Factor Weight (% of Project Score)                             | 45%                                       |                                | 5%                                    |                                          | 15%                        |                                                          |                                                 | 5%                                                         |                                    |                                        | 10%                              |                                                          | 20%                                                  |
| Weighted Factor Value                                          | 0.1                                       |                                | 0.6                                   |                                          | 0.1                        |                                                          |                                                 | 0.0                                                        |                                    |                                        | 0.2                              |                                                          | 2.1                                                  |
| Project Benefit                                                | 3.1                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$25,646,000                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 1.2                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |



# PROJECT SCORECARD

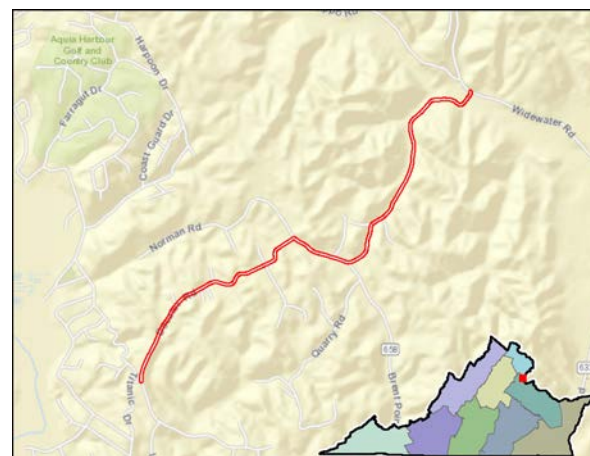
For more information on how to read a scorecard, click [here](#).

## 4. Stafford - Decatur Road Reconstruction

App Id: 1200

Two-Lane reconstruction of Decatur Road, from Titanic Drive within the Aquia Harbour subdivision to Widewater Road (SR - 611), upgrading it to 3R VDOT standards.

Project Location..... Stafford County  
SMART SCALE Area Type..... A  
Submitting Entity..... Stafford County  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... Both  
VTrans Need..... Fredericksburg Regional Network  
( [Click for details](#) )



**0.2**

SMART SCALE  
SCORE

**#374** OF 404 STATEWIDE

**#24** OF 25 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$15,500,000**

Total Project Cost..... **\$15,500,000**

Project Benefit..... **0.3**

Project Benefit / Total Cost..... **0.2**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 0.0<br>persons                            | 0.0<br>person hrs.             | 1.0<br>EPDO                           | 438.2<br>EPDO / 100M VMT                 | 65.8<br>jobs per resident  | 21.7<br>jobs per resident                                | 0.0<br>adjusted users                           | 0.0<br>thousand adj sq. ft.                                | 0.0<br>thousand adj daily tons | 0.0<br>adj. buffer time index          | 0.0<br>adjusted points           | 0.3<br>scaled points                                     | 0.0<br>adjusted jobs & pop.                          |
| Normalized Measure Value (0-100)                               | 0.0                                       | 0.0                            | 0.3                                   | 2.3                                      | 2.5                        | 0.8                                                      | 0.0                                             | 0.0                                                        | 0.0                            | 0.0                                    | 0.0                              | 0.6                                                      | 0.0                                                  |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 0.0                                       |                                | 1.3                                   |                                          | 1.7                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.3                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 45%                                       |                                | 5%                                    |                                          | 15%                        |                                                          |                                                 | 5%                                                         |                                |                                        | 10%                              |                                                          | 20%                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.1                                   |                                          | 0.3                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.0                              |                                                          | 0.0                                                  |
| Project Benefit                                                | 0.3                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$15,500,000                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 0.2                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

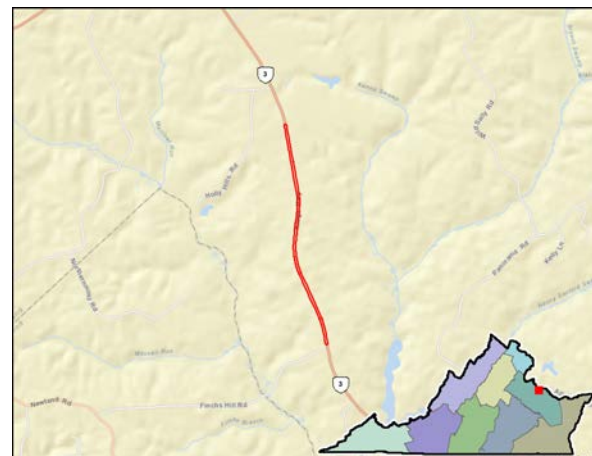
For more information on how to read a scorecard, click [here](#).

Construct Passing Lanes on Route 3 near Lerty

App Id: 1211

Construction of a set of passing lanes on Route 3 between Route 214 (Lerty) and Montross. The additional lane would alternate directions so that traffic headed east and west would have a reasonable opportunity to pass.

Project Location..... Westmoreland County  
SMART SCALE Area Type..... D  
Submitting Entity..... Westmoreland County  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... District Grant  
VTrans Need..... Safety: Geometric Issue  
( Click for details )



**0.2**

SMART SCALE  
SCORE

**#375** OF 404 STATEWIDE

**#25** OF 25 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$14,700,000**

Total Project Cost..... **\$14,700,000**

Project Benefit..... **0.3**

Project Benefit / Total Cost..... **0.2**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                    |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted             | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 0.0<br>persons                            | 0.0<br>person hrs.             | 4.0<br>EPDO                           | 124.6<br>EPDO / 100M VMT                 | 0.3<br>jobs per resident   | 0.3<br>jobs per resident                                 | 0.0<br>adjusted users                           | 0.0<br>thousand adj sq. ft.                                | 3,823.1<br>thousand adj daily tons | 386,497.5<br>adj. buffer time index    | 0.0<br>adjusted points           | 0.3<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.0                                       | 0.0                            | 1.2                                   | 0.6                                      | 0.0                        | 0.0                                                      | 0.0                                             | 0.0                                                        | 0.2                                | 0.0                                    | 0.0                              | 0.5                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.0                                       |                                | 0.9                                   |                                          | 0.0                        |                                                          |                                                 | 0.1                                                        |                                    |                                        | 0.3                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 10%                                       |                                | 30%                                   |                                          | 15%                        |                                                          |                                                 | 35%                                                        |                                    |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.3                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                    |                                        | 0.0                              |                                                          |                                                      |
| Project Benefit                                                | 0.3                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$14,700,000                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 0.2                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

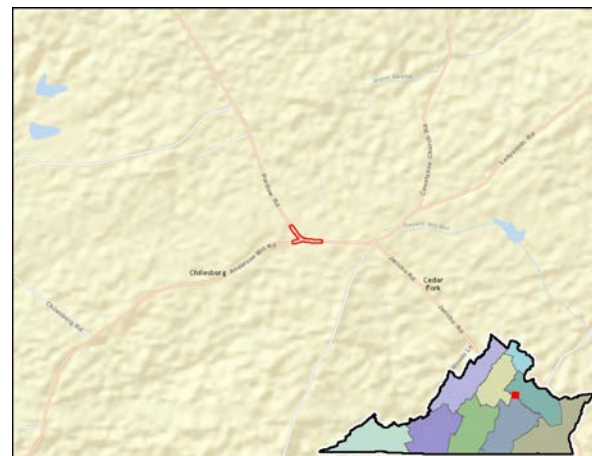
For more information on how to read a scorecard, click [here](#).

Chilesburg-Route 738/639 Intersection Safety Improvements

App Id: 1349

Safety improvements to the intersection of Route 738/639 intersection to include reconstruction of sharp curve with 25 mph speed limit to 45 mph speed.

Project Location..... Caroline County  
SMART SCALE Area Type..... D  
Submitting Entity..... Caroline County  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... District Grant  
VTrans Need..... Safety: Crash History and Geometric Issue  
( [Click for details](#) )



**81.9**

SMART SCALE  
SCORE

**#8**

OF 404 STATEWIDE

**#1**

OF 25 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$2,110,000**

Total Project Cost..... **\$2,110,000**

Project Benefit..... **17.3**

Project Benefit / Total Cost..... **81.9**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 0.0<br>persons                            | 0.0<br>person hrs.             | 35.4<br>EPDO                          | 18,303.1<br>EPDO / 100M VMT              | 0.1<br>jobs per resident   | 0.1<br>jobs per resident                                 | 0.0<br>adjusted users                           | 0.0<br>thousand adj sq. ft.                                | 0.0<br>thousand adj daily tons | 26,323.1<br>adj. buffer time index     | 0.0<br>adjusted points           | 15.0<br>scaled points                                    | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.0                                       | 0.0                            | 10.8                                  | 94.8                                     | 0.0                        | 0.0                                                      | 0.0                                             | 0.0                                                        | 0.0                            | 0.0                                    | 0.0                              | 29.2                                                     |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.0                                       |                                | 52.8                                  |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 14.6                             |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 10%                                       |                                | 30%                                   |                                          | 15%                        |                                                          |                                                 | 35%                                                        |                                |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 15.8                                  |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 1.5                              |                                                          |                                                      |
| Project Benefit                                                | 17.3                                      |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$2,110,000                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 81.9                                      |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

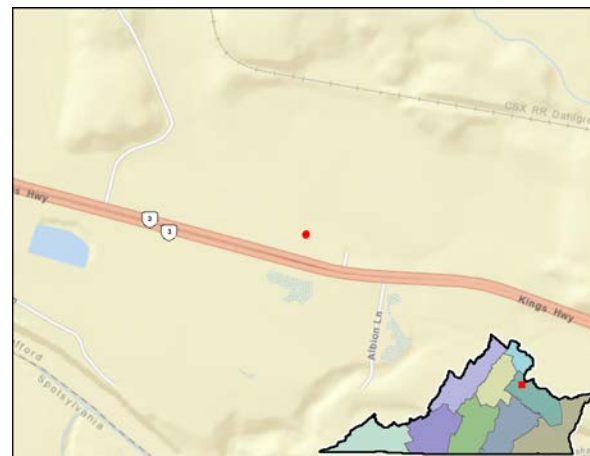
For more information on how to read a scorecard, click here.

New Commuter Parking Lot for Route 3 East (Stafford)

App Id: 1366

To construct a new 300 space commuter parking lot for Route 3 East (Stafford)

Project Location..... Stafford County  
SMART SCALE Area Type..... A  
Submitting Entity..... George Washington Regional Commission  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... High Priority  
VTrans Need..... Coastal Corridor CoSS  
( Click for details )



**1.9**

SMART SCALE  
SCORE

**#235** OF 404 STATEWIDE

**#12** OF 25 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$4,983,170**

Total Project Cost..... **\$6,750,000**

Project Benefit..... **0.9**

Project Benefit / Total Cost..... **1.4**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                    |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted             | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 46.8<br>persons                           | 19.6<br>person hrs.            | 6.5<br>EPDO                           | 1.1<br>EPDO / 100M VMT                   | 20.5<br>jobs per resident  | 20.7<br>jobs per resident                                | 234.0<br>adjusted users                         | 0.0<br>thousand adj sq. ft.                                | 3,410.7<br>thousand adj daily tons | 0.0<br>adj. buffer time index          | 1,445.8<br>adjusted points       | 0.8<br>scaled points                                     | 0.0<br>adjusted jobs & pop.                          |
| Normalized Measure Value (0-100)                               | 0.5                                       | 0.6                            | 2.0                                   | 0.0                                      | 0.8                        | 0.8                                                      | 1.6                                             | 0.0                                                        | 0.2                                | 0.0                                    | 8.4                              | 1.5                                                      | 0.0                                                  |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 0.5                                       |                                | 1.0                                   |                                          | 0.9                        |                                                          |                                                 | 0.0                                                        |                                    |                                        | 5.0                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 45%                                       |                                | 5%                                    |                                          | 15%                        |                                                          |                                                 | 5%                                                         |                                    |                                        | 10%                              |                                                          | 20%                                                  |
| Weighted Factor Value                                          | 0.2                                       |                                | 0.0                                   |                                          | 0.1                        |                                                          |                                                 | 0.0                                                        |                                    |                                        | 0.5                              |                                                          | 0.0                                                  |
| Project Benefit                                                | 0.9                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$4,983,170                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 1.9                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |



# PROJECT SCORECARD

For more information on how to read a scorecard, click [here](#).

Twin Lake-Kensington Bike/Ped Connector

App Id: 1382

To extend the planned Lafayette Blvd Bike/Ped trail and provide a connection to the VCR trail from Springwood Dr.

Project Location..... Fredericksburg  
SMART SCALE Area Type..... A  
Submitting Entity..... George Washington Regional Commission  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... High Priority  
VTrans Need..... Washington to North Carolina CoSS  
( Click for details )



**27.0**

SMART SCALE  
SCORE

**#41**

OF 404 STATEWIDE

**#3**

OF 25 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$1,481,550**

Total Project Cost..... **\$1,981,550**

Project Benefit..... **4.0**

Project Benefit / Total Cost..... **20.2**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 31.4<br>persons                           | 0.0<br>person hrs.             | 11.6<br>EPDO                          | 450.4<br>EPDO / 100M VMT                 | 0.0<br>jobs per resident   | 0.0<br>jobs per resident                                 | 94.2<br>adjusted users                          | 27,131.6<br>thousand adj sq. ft.                           | 0.0<br>thousand adj daily tons | 0.0<br>adj. buffer time index          | 125.7<br>adjusted points         | 2.8<br>scaled points                                     | 19,514.7<br>adjusted jobs & pop.                     |
| Normalized Measure Value (0-100)                               | 0.3                                       | 0.0                            | 3.5                                   | 2.3                                      | 0.0                        | 0.0                                                      | 0.6                                             | 0.1                                                        | 0.0                            | 0.0                                    | 0.7                              | 5.5                                                      | 17.2                                                 |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 0.2                                       |                                | 2.9                                   |                                          | 0.1                        |                                                          |                                                 | 0.1                                                        |                                |                                        | 3.1                              |                                                          | 17.2                                                 |
| Factor Weight (% of Project Score)                             | 45%                                       |                                | 5%                                    |                                          | 15%                        |                                                          |                                                 | 5%                                                         |                                |                                        | 10%                              |                                                          | 20%                                                  |
| Weighted Factor Value                                          | 0.1                                       |                                | 0.1                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.3                              |                                                          | 3.4                                                  |
| Project Benefit                                                | 4.0                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$1,481,550                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 27.0                                      |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

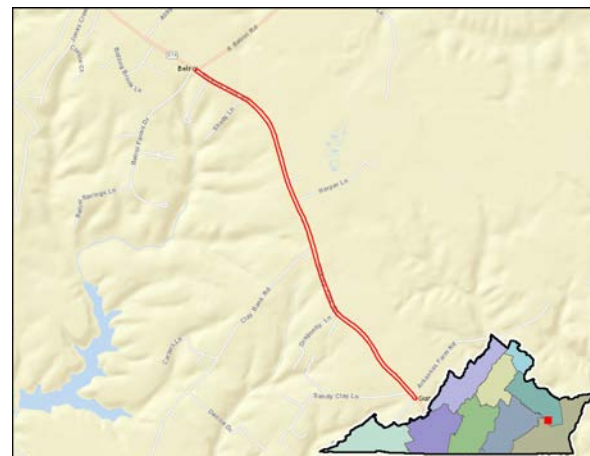
For more information on how to read a scorecard, click here.

Route 614 Reconstruction - Hickory Fork Road

App Id: 1411

This project will continue the reconstruction of Hickory Fork Road northward between Gum Fork Road (631) and Belroi Road (616).

Project Location..... Gloucester County  
 SMART SCALE Area Type..... D  
 Submitting Entity..... Gloucester County  
 Preliminary Engineering..... Not Started  
 Right of Way..... Not Started  
 Construction..... Not Started  
 Expenditures to Date..... N/A  
 Key Fund Sources..... N/A  
 Administered By..... VDOT  
 Eligible Funding Program(s)..... District Grant  
 VTrans Need..... Gloucester Court House UDA  
 ( Click for details )



**2.5**

SMART SCALE  
SCORE

**#202** OF 404 STATEWIDE

**#10** OF 25 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$12,556,000**

Total Project Cost..... **\$12,556,000**

Project Benefit..... **3.1**

Project Benefit / Total Cost..... **2.5**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 0.0<br>persons                            | 0.0<br>person hrs.             | 38.3<br>EPDO                          | 1,269.3<br>EPDO / 100M VMT               | 1.2<br>jobs per resident   | 1.2<br>jobs per resident                                 | 0.0<br>adjusted users                           | 150,000.0<br>thousand adj sq. ft.                          | 0.0<br>thousand adj daily tons | 242,279.5<br>adj. buffer time index    | 0.0<br>adjusted points           | 2.7<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.0                                       | 0.0                            | 11.6                                  | 6.6                                      | 0.0                        | 0.0                                                      | 0.0                                             | 0.5                                                        | 0.0                            | 0.0                                    | 0.0                              | 5.2                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.0                                       |                                | 9.1                                   |                                          | 0.0                        |                                                          |                                                 | 0.3                                                        |                                |                                        | 2.6                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 10%                                       |                                | 30%                                   |                                          | 15%                        |                                                          |                                                 | 35%                                                        |                                |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 2.7                                   |                                          | 0.0                        |                                                          |                                                 | 0.1                                                        |                                |                                        | 0.3                              |                                                          |                                                      |
| Project Benefit                                                | 3.1                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$12,556,000                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 2.5                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

For more information on how to read a scorecard, click [here](#).

George Washington Memorial Highway - Route 17 Widening

App Id: 1412

This project will continue the widening of GW Memorial Highway (Route 17) from a 4-lane principal arterial to a 6-lane principal arterial and provide safe passage for pedestrians.

Project Location..... Gloucester County  
SMART SCALE Area Type..... D  
Submitting Entity..... Gloucester County  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... Both  
VTrans Need..... Hampton Roads Regional Network  
( Click for details )



**0.6**

SMART SCALE  
SCORE

**#330** OF 404 STATEWIDE

**#20** OF 25 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$39,035,500**

Total Project Cost..... **\$39,035,500**

Project Benefit..... **2.2**

Project Benefit / Total Cost..... **0.6**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                     |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|-------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted              | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 26.3<br>persons                           | 133.8<br>person hrs.           | 26.9<br>EPDO                          | 211.1<br>EPDO / 100M VMT                 | 24.8<br>jobs per resident  | 24.0<br>jobs per resident                                | 39.5<br>adjusted users                          | 20,244.0<br>thousand adj sq. ft.                           | 10,661.0<br>thousand adj daily tons | 36,823,037.0<br>adj. buffer time index | 52.6<br>adjusted points          | 1.7<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.3                                       | 4.1                            | 8.2                                   | 1.1                                      | 0.9                        | 0.9                                                      | 0.3                                             | 0.1                                                        | 0.6                                 | 2.7                                    | 0.3                              | 3.3                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                 | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 2.2                                       |                                | 4.6                                   |                                          | 0.8                        |                                                          |                                                 | 0.7                                                        |                                     |                                        | 1.8                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 10%                                       |                                | 30%                                   |                                          | 15%                        |                                                          |                                                 | 35%                                                        |                                     |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.2                                       |                                | 1.4                                   |                                          | 0.1                        |                                                          |                                                 | 0.2                                                        |                                     |                                        | 0.2                              |                                                          |                                                      |
| Project Benefit                                                | 2.2                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$39,035,500                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 0.6                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

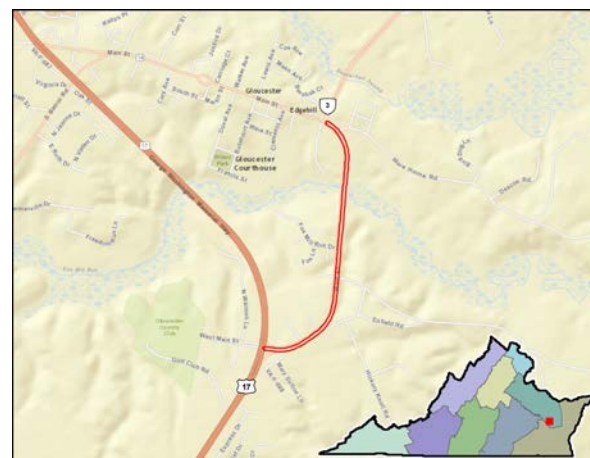
For more information on how to read a scorecard, click [here](#).

Pedestrian/Streetscape Improvements on Rte 17B -Main St

App Id: 1443

This project will improve vehicular and pedestrian infrastructure along 17 Business (Main Street) generally aligned with the recommendations described in the Gloucester County Route 17B Corridor Planning Study.

Project Location..... Gloucester County  
SMART SCALE Area Type..... D  
Submitting Entity..... Gloucester County  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... Both  
VTrans Need..... Hampton Roads Regional Network  
( [Click for details](#) )



**3.6**

SMART SCALE  
SCORE

**#158** OF 404 STATEWIDE

**#7** OF 25 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$7,226,000**

Total Project Cost..... **\$7,226,000**

Project Benefit..... **2.6**

Project Benefit / Total Cost..... **3.6**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 34.3<br>persons                           | 1.9<br>person hrs.             | 38.1<br>EPDO                          | 341.6<br>EPDO / 100M VMT                 | 6.9<br>jobs per resident   | 6.7<br>jobs per resident                                 | 32.0<br>adjusted users                          | 320,000.0<br>thousand adj sq. ft.                          | 0.0<br>thousand adj daily tons | 14,275,090.8<br>adj. buffer time index | 42.6<br>adjusted points          | 2.2<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.3                                       | 0.1                            | 11.6                                  | 1.8                                      | 0.3                        | 0.3                                                      | 0.2                                             | 1.1                                                        | 0.0                            | 1.0                                    | 0.2                              | 4.2                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.2                                       |                                | 6.7                                   |                                          | 0.3                        |                                                          |                                                 | 0.9                                                        |                                |                                        | 2.2                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 10%                                       |                                | 30%                                   |                                          | 15%                        |                                                          |                                                 | 35%                                                        |                                |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 2.0                                   |                                          | 0.0                        |                                                          |                                                 | 0.3                                                        |                                |                                        | 0.2                              |                                                          |                                                      |
| Project Benefit                                                | 2.6                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$7,226,000                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 3.6                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |



## HAMPTON ROADS DISTRICT

## HAMPTON ROADS DISTRICT

| App # | Project Name                                                | District Rank | State Rank | Smart Score | Page # |
|-------|-------------------------------------------------------------|---------------|------------|-------------|--------|
| 1070  | Brambleton Avenue/Tidewater Drive Intersection Improvements | 1             | 1          | 302.3       | 04-11  |
| 1073  | Brambleton Avenue/Park Avenue Intersection Improvements     | 2             | 2          | 278.7       | 04-12  |
| 1453  | Skiffes Creek Connector                                     | 3             | 9          | 80.7        | 04-43  |
| 1440  | Granby Street Bike Lanes                                    | 4             | 11         | 76.7        | 04-41  |
| 1069  | I-264 W Off-ramp at Ballentine Boulevard                    | 5             | 14         | 61.2        | 04-10  |
| 1393  | Route 13, Route 2702 & Route 695 Temperanceville/Saxis Road | 6             | 15         | 59.9        | 04-35  |
| 1419  | Stone Road - Northampton County                             | 7             | 17         | 47.6        | 04-39  |
| 1173  | Bus Expansion & Three Expansion Bus Shelters                | 8             | 23         | 43.3        | 04-21  |
| 1203  | Great Bridge Blvd Right Turn Lane                           | 9             | 26         | 36.5        | 04-25  |
| 1507  | 301 South Median Crossover Project                          | 10            | 29         | 32.9        | 04-47  |
| 1512  | Power Plant Pkwy Sidewalks                                  | 11            | 31         | 32.3        | 04-49  |
| 1400  | Route 13 & Route 175 Chincoteague Road                      | 12            | 32         | 31.8        | 04-37  |
| 1043  | Jefferson Avenue at Yorktown Road Intersection Improvements | 13            | 43         | 22.0        | 04-06  |
| 1360  | Ironbound Road Phase 2                                      | 14            | 52         | 18.1        | 04-31  |
| 1179  | Indian River Road Phase VII-B                               | 15            | 54         | 17.7        | 04-22  |
| 1193  | Cleveland Street Phase IV                                   | 16            | 61         | 13.4        | 04-24  |
| 1395  | Route 13 Industrial Park Traffic Light                      | 17            | 68         | 11.2        | 04-36  |
| 1090  | I-64/I-264 Interchange Improvements                         | 18            | 78         | 9.8         | 04-16  |
| 1362  | Capitol Landing Road at Bypass Road Intersection            | 19            | 99         | 7.4         | 04-33  |
| 1235  | Route 17 Widening between Route 630 and Route 173           | 20            | 113        | 6.6         | 04-28  |
| 1256  | Laskin Road Phase I-A                                       | 21            | 118        | 6.3         | 04-30  |
| 1057  | I-64 Southside Widening and High Rise Bridge - Phase 1      | 22            | 119        | 6.3         | 04-08  |
| 1088  | Route 171 Widening between Route 17 and Route 134           | 23            | 133        | 5.4         | 04-14  |
| 1361  | Ironbound Road Phase 3                                      | 24            | 140        | 4.6         | 04-32  |
| 1502  | Coliseum Drive Extension Phase B                            | 25            | 190        | 2.8         | 04-46  |
| 1128  | North Suffolk Connector                                     | 26            | 195        | 2.6         | 04-18  |
| 1389  | Route 602 Lee Street/Cemetery Road- Accomack County         | 27            | 251        | 1.6         | 04-34  |
| 1489  | Intersection of Colonial Trail East and Route 617           | 28            | 256        | 1.5         | 04-44  |
| 1114  | Seaboard Coastline Trail                                    | 29            | 272        | 1.2         | 04-17  |
| 1442  | Route 171 (Victory Boulevard) Widening: Poquoson Segment    | 30            | 277        | 1.1         | 04-42  |
| 1231  | Route 171 Widening between Route 600 and Poquoson city line | 31            | 281        | 1.0         | 04-27  |
| 1089  | Route 171 Widening - 2016                                   | 32            | 282        | 1.0         | 04-15  |
| 1171  | Kings Highway Bridge Project                                | 33            | 285        | 1.0         | 04-20  |

## HAMPTON ROADS DISTRICT

| App # | Project Name                                                 | District Rank | State Rank | Smart Score | Page # |
|-------|--------------------------------------------------------------|---------------|------------|-------------|--------|
| 1187  | George Washington Highway Widening                           | 34            | 287        | 1.0         | 04-23  |
| 1246  | Route 17 - Crittenden Road Intersection Realignment          | 35            | 305        | 0.7         | 04-29  |
| 1217  | Route 171 Widening between Route 134 and Big Bethel Road     | 36            | 320        | 0.6         | 04-26  |
| 1497  | Hampton Boulevard and Terminal Boulevard Grade Separation    | 37            | 327        | 0.6         | 04-45  |
| 2260  | Route 460 Project Southeast Virginia                         | 38            | 332        | 0.5         | 04-52  |
| 1672  | Nike Park Road at Titus Creek Drive Intersection Improvement | 39            | 339        | 0.5         | 04-51  |
| 1421  | Eyrehall Drive - Northampton County                          | 40            | 341        | 0.5         | 04-40  |
| 1166  | Elbow Road Phase II Roadway Improvements                     | 41            | 342        | 0.5         | 04-19  |
| 1035  | Jefferson Avenue Widening Kings Ridge to Industrial Park     | 42            | 355        | 0.3         | 04-02  |
| 1036  | Warwick Blvd. Widening - Nettles Drive to Oyster Point Road  | 43            | 356        | 0.3         | 04-03  |
| 1044  | Pedestrian Improvements - Warwick Blvd to Bland Blvd South   | 44            | 364        | 0.3         | 04-07  |
| 1671  | US 258/Main Street at Route 10 Intersection Improvements     | 45            | 367        | 0.3         | 04-50  |
| 1065  | Freeman Avenue/Norfolk Portsmouth Beltline Overpass          | 46            | 371        | 0.2         | 04-09  |
| 1418  | Cemetery Road - Northampton County                           | 47            | 376        | 0.2         | 04-38  |
| 1083  | Shoulders Hill Road Widening                                 | 48            | 384        | 0.1         | 04-13  |
| 1041  | Campbell Road Reconstruction                                 | 49            | 386        | 0.1         | 04-05  |
| 1037  | Harpersville Rd/Saunders Rd. Widening Rt. 17 to City Line    | 50            | 388        | 0.1         | 04-04  |
| 1034  | Mills Godwin Bridge Widening Improvements                    | 51            | 393        | 0           | 04-01  |
| 1509  | 301 N Median Crossover Project                               | 52            | 394        | 0           | 04-48  |

# PROJECT SCORECARD

For more information on how to read a scorecard, click [here](#).

Mills Godwin Bridge Widening Improvements

App Id: 1034

New bridge span of the Mills Godwin Bridge on Route 17/Bridge Road to provide two additional lanes to the existing two lane bridge

Project Location..... Suffolk  
SMART SCALE Area Type..... A  
Submitting Entity..... Suffolk City  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... Locality  
Eligible Funding Program(s)..... Both  
VTrans Need..... Hampton Roads Regional Network  
( Click for details )



**0.0**

SMART SCALE  
SCORE

**#393** OF 404 STATEWIDE

**#51** OF 52 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$109,499,370**

Total Project Cost..... **\$109,499,370**

Project Benefit..... **0.2**

Project Benefit / Total Cost..... **0.0**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                    |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted             | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 22.6<br>persons                           | 0.0<br>person hrs.             | 12.3<br>EPDO                          | 125.5<br>EPDO / 100M VMT                 | 0.0<br>jobs per resident   | 0.0<br>jobs per resident                                 | 67.9<br>adjusted users                          | 35,000.0<br>thousand adj sq. ft.                           | 3,718.7<br>thousand adj daily tons | 2,270,656.7<br>adj. buffer time index  | 90.5<br>adjusted points          | 0.0<br>scaled points                                     | 0.0<br>adjusted jobs & pop.                          |
| Normalized Measure Value (0-100)                               | 0.2                                       | 0.0                            | 3.7                                   | 0.6                                      | 0.0                        | 0.0                                                      | 0.5                                             | 0.1                                                        | 0.2                                | 0.2                                    | 0.5                              | 0.0                                                      | 0.0                                                  |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 0.1                                       |                                | 2.2                                   |                                          | 0.1                        |                                                          |                                                 | 0.2                                                        |                                    |                                        | 0.3                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 45%                                       |                                | 5%                                    |                                          | 15%                        |                                                          |                                                 | 5%                                                         |                                    |                                        | 10%                              |                                                          | 20%                                                  |
| Weighted Factor Value                                          | 0.1                                       |                                | 0.1                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                    |                                        | 0.0                              |                                                          | 0.0                                                  |
| Project Benefit                                                | 0.2                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$109,499,370                             |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 0.0                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |



# PROJECT SCORECARD

For more information on how to read a scorecard, click here.

Jefferson Avenue Widening Kings Ridge to Industrial Park

App Id: 1035

This four lane section will be widened to six lanes with a raised median, protected turn lanes, curb, and a pedestrian shared use path. Additional improvements include streetlights, signal improvements, and drainage system improvements.

Project Location..... Newport News  
SMART SCALE Area Type..... A  
Submitting Entity..... Newport News City  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... Locality  
Eligible Funding Program(s)..... Both  
VTrans Need..... Hampton Roads Regional Network  
( Click for details )



**0.3**

SMART SCALE  
SCORE

**#355** OF 404 STATEWIDE

**#42** OF 52 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$25,000,000**

Total Project Cost..... **\$25,000,000**

Project Benefit..... **0.9**

Project Benefit / Total Cost..... **0.3**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                    |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted             | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 42.4<br>persons                           | 21.2<br>person hrs.            | 46.4<br>EPDO                          | 548.5<br>EPDO / 100M VMT                 | 1.6<br>jobs per resident   | 1.6<br>jobs per resident                                 | 211.8<br>adjusted users                         | 0.0<br>thousand adj sq. ft.                                | 4,462.6<br>thousand adj daily tons | 18,571,533.5<br>adj. buffer time index | 237.5<br>adjusted points         | 0.6<br>scaled points                                     | 0.0<br>adjusted jobs & pop.                          |
| Normalized Measure Value (0-100)                               | 0.4                                       | 0.7                            | 14.1                                  | 2.8                                      | 0.1                        | 0.1                                                      | 1.4                                             | 0.0                                                        | 0.3                                | 1.4                                    | 1.4                              | 1.1                                                      | 0.0                                                  |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 0.5                                       |                                | 8.5                                   |                                          | 0.3                        |                                                          |                                                 | 0.3                                                        |                                    |                                        | 1.3                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 45%                                       |                                | 5%                                    |                                          | 15%                        |                                                          |                                                 | 5%                                                         |                                    |                                        | 10%                              |                                                          | 20%                                                  |
| Weighted Factor Value                                          | 0.2                                       |                                | 0.4                                   |                                          | 0.1                        |                                                          |                                                 | 0.0                                                        |                                    |                                        | 0.1                              |                                                          | 0.0                                                  |
| Project Benefit                                                | 0.9                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$25,000,000                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 0.3                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

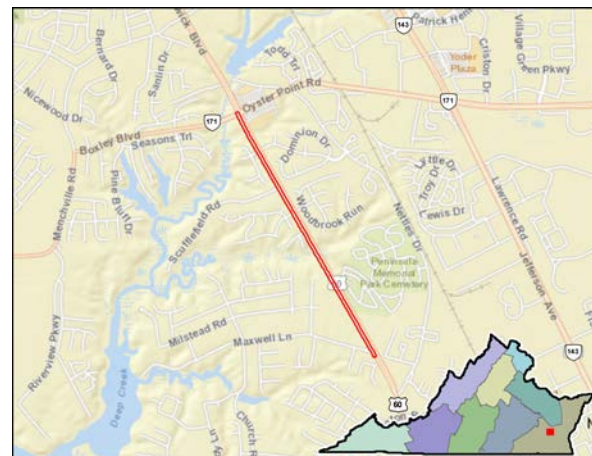
For more information on how to read a scorecard, click [here](#).

Warwick Blvd. Widening - Nettles Drive to Oyster Point Road

App Id: 1036

This four lane section will be widened to six lanes including a raised median, protected turn lanes, curb, and maintaining the existing pedestrian shared use paths.

Project Location..... Newport News  
SMART SCALE Area Type..... A  
Submitting Entity..... Newport News City  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... Locality  
Eligible Funding Program(s)..... Both  
VTrans Need..... Hampton Roads Regional Network  
( [Click for details](#) )



**0.3**

SMART SCALE  
SCORE

**#356** OF 404 STATEWIDE

**#43** OF 52 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$47,420,000**

Total Project Cost..... **\$47,420,000**

Project Benefit..... **1.6**

Project Benefit / Total Cost..... **0.3**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                    |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted             | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 91.7<br>persons                           | 112.2<br>person hrs.           | 27.0<br>EPDO                          | 167.7<br>EPDO / 100M VMT                 | 8.8<br>jobs per resident   | 9.0<br>jobs per resident                                 | 458.6<br>adjusted users                         | 0.0<br>thousand adj sq. ft.                                | 5,689.1<br>thousand adj daily tons | 36,341,418.0<br>adj. buffer time index | 275.1<br>adjusted points         | 1.4<br>scaled points                                     | 0.0<br>adjusted jobs & pop.                          |
| Normalized Measure Value (0-100)                               | 0.9                                       | 3.5                            | 8.2                                   | 0.9                                      | 0.3                        | 0.3                                                      | 3.1                                             | 0.0                                                        | 0.3                                | 2.7                                    | 1.6                              | 2.6                                                      | 0.0                                                  |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 2.2                                       |                                | 4.5                                   |                                          | 0.9                        |                                                          |                                                 | 0.6                                                        |                                    |                                        | 2.1                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 45%                                       |                                | 5%                                    |                                          | 15%                        |                                                          |                                                 | 5%                                                         |                                    |                                        | 10%                              |                                                          | 20%                                                  |
| Weighted Factor Value                                          | 1.0                                       |                                | 0.2                                   |                                          | 0.1                        |                                                          |                                                 | 0.0                                                        |                                    |                                        | 0.2                              |                                                          | 0.0                                                  |
| Project Benefit                                                | 1.6                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$47,420,000                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 0.3                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

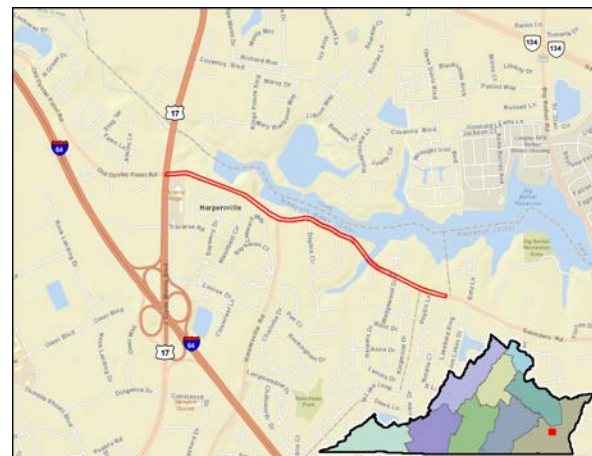
For more information on how to read a scorecard, click [here](#).

Harpersville Rd/Saunders Rd. Widening Rt. 17 to City Line

App Id: 1037

The proposed cross section includes widening from two lanes to four, a raised median, protected left turn lanes, curb with gutter, and a separate pedestrian shared use path.

Project Location..... Newport News  
SMART SCALE Area Type..... A  
Submitting Entity..... Newport News City  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... Locality  
Eligible Funding Program(s)..... Both  
VTrans Need..... Hampton Roads Regional Network  
( [Click for details](#) )



**0.1**

SMART SCALE  
SCORE

**#388** OF 404 STATEWIDE

**#50** OF 52 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$75,700,000**

Total Project Cost..... **\$75,700,000**

Project Benefit..... **0.8**

Project Benefit / Total Cost..... **0.1**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                 |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|---------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted          | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 110.4 persons                             | 32.3 person hrs.               | 13.8 EPDO                             | 335.5 EPDO / 100M VMT                    | 13.8 jobs per resident     | 14.4 jobs per resident                                   | 137.3 adjusted users                            | 0.0 thousand adj sq. ft.                                   | 6,067.5 thousand adj daily tons | 3,119,134.7 adj. buffer time index     | 137.3 adjusted points            | 0.7 scaled points                                        | 0.0 adjusted jobs & pop.                             |
| Normalized Measure Value (0-100)                               | 1.1                                       | 1.0                            | 4.2                                   | 1.7                                      | 0.5                        | 0.5                                                      | 0.9                                             | 0.0                                                        | 0.4                             | 0.2                                    | 0.8                              | 1.3                                                      | 0.0                                                  |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                             | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 1.0                                       |                                | 3.0                                   |                                          | 0.6                        |                                                          |                                                 | 0.1                                                        |                                 |                                        | 1.1                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 45%                                       |                                | 5%                                    |                                          | 15%                        |                                                          |                                                 | 5%                                                         |                                 |                                        | 10%                              |                                                          | 20%                                                  |
| Weighted Factor Value                                          | 0.5                                       |                                | 0.1                                   |                                          | 0.1                        |                                                          |                                                 | 0.0                                                        |                                 |                                        | 0.1                              |                                                          | 0.0                                                  |
| Project Benefit                                                | 0.8                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                 |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$75,700,000                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                 |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 0.1                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                 |                                        |                                  |                                                          |                                                      |



# PROJECT SCORECARD

For more information on how to read a scorecard, click [here](#).

Campbell Road Reconstruction

App Id: 1041

Reconstruct the north section of Campbell Road from Bland Blvd to Warwick Blvd. Construct storm sewer system, curb and gutter and sidewalk.

Project Location..... Newport News  
SMART SCALE Area Type..... A  
Submitting Entity..... Newport News City  
Preliminary Engineering..... Underway  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... \$136,730  
Key Fund Sources..... RS or Other CTB Grant  
Administered By..... Locality  
Eligible Funding Program(s)..... Both  
VTrans Need..... Hampton Roads Regional Network  
( Click for details )



**0.1**

SMART SCALE  
SCORE

**#386** OF 404 STATEWIDE

**#49** OF 52 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$8,400,000**

Total Project Cost..... **\$9,400,000**

Project Benefit..... **0.1**

Project Benefit / Total Cost..... **0.1**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 7.4<br>persons                            | 0.0<br>person hrs.             | 0.9<br>EPDO                           | 109.8<br>EPDO / 100M VMT                 | 9.2<br>jobs per resident   | 9.5<br>jobs per resident                                 | 11.1<br>adjusted users                          | 0.0<br>thousand adj sq. ft.                                | 0.0<br>thousand adj daily tons | 1,193,357.7<br>adj. buffer time index  | 14.8<br>adjusted points          | 0.1<br>scaled points                                     | 0.0<br>adjusted jobs & pop.                          |
| Normalized Measure Value (0-100)                               | 0.1                                       | 0.0                            | 0.3                                   | 0.6                                      | 0.4                        | 0.4                                                      | 0.1                                             | 0.0                                                        | 0.0                            | 0.1                                    | 0.1                              | 0.1                                                      | 0.0                                                  |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 0.0                                       |                                | 0.4                                   |                                          | 0.3                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.1                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 45%                                       |                                | 5%                                    |                                          | 15%                        |                                                          |                                                 | 5%                                                         |                                |                                        | 10%                              |                                                          | 20%                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.0                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.0                              |                                                          | 0.0                                                  |
| Project Benefit                                                | 0.1                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$8,400,000                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 0.1                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |



# PROJECT SCORECARD

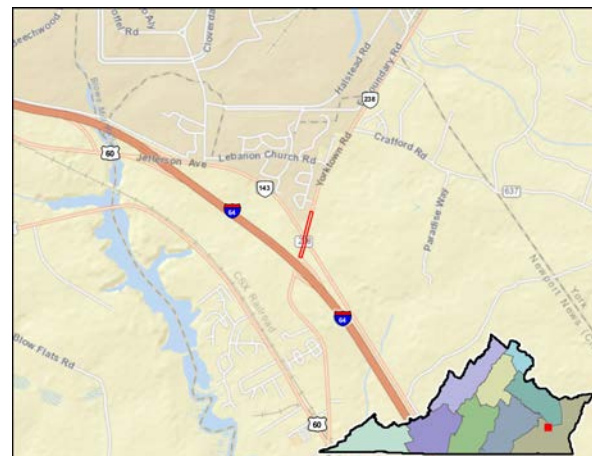
For more information on how to read a scorecard, click [here](#).

Jefferson Avenue at Yorktown Road Intersection Improvements

App Id: 1043

To reduce congestion created by the adjacent I-64 Exit 247 offramp, the intersection will be modified to create a second eastbound lane.

Project Location..... Newport News  
SMART SCALE Area Type..... A  
Submitting Entity..... Newport News City  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... Locality  
Eligible Funding Program(s)..... Both  
VTrans Need..... East-West CoSS  
( [Click for details](#) )



**22.0**

SMART SCALE  
SCORE

**#43**

OF 404 STATEWIDE

**#13**

OF 52 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$2,460,000**

Total Project Cost..... **\$2,460,000**

Project Benefit..... **5.4**

Project Benefit / Total Cost..... **22.0**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                     |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|-------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted              | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 1,526.1<br>persons                        | 246.7<br>person hrs.           | 1.1<br>EPDO                           | 77.0<br>EPDO / 100M VMT                  | 0.0<br>jobs per resident   | 0.0<br>jobs per resident                                 | 0.0<br>adjusted users                           | 0.0<br>thousand adj sq. ft.                                | 20,199.0<br>thousand adj daily tons | 1,425,577.3<br>adj. buffer time index  | 0.0<br>adjusted points           | 2.9<br>scaled points                                     | 0.0<br>adjusted jobs & pop.                          |
| Normalized Measure Value (0-100)                               | 15.1                                      | 7.6                            | 0.3                                   | 0.4                                      | 0.0                        | 0.0                                                      | 0.0                                             | 0.0                                                        | 1.2                                 | 0.1                                    | 0.0                              | 5.5                                                      | 0.0                                                  |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                 | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 11.3                                      |                                | 0.4                                   |                                          | 0.0                        |                                                          |                                                 | 0.3                                                        |                                     |                                        | 2.8                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 45%                                       |                                | 5%                                    |                                          | 15%                        |                                                          |                                                 | 5%                                                         |                                     |                                        | 10%                              |                                                          | 20%                                                  |
| Weighted Factor Value                                          | 5.1                                       |                                | 0.0                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                     |                                        | 0.3                              |                                                          | 0.0                                                  |
| Project Benefit                                                | 5.4                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$2,460,000                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 22.0                                      |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

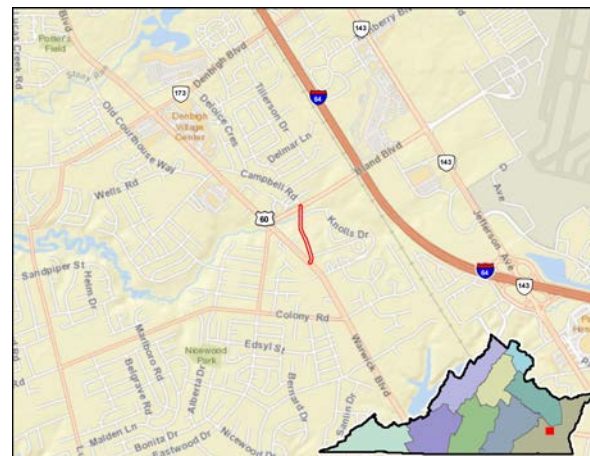
For more information on how to read a scorecard, click [here](#).

Pedestrian Improvements - Warwick Blvd to Bland Blvd South

App Id: 1044

Provide infill pedestrian facilities in an effort to provide safer travel for pedestrians.

Project Location..... Newport News  
SMART SCALE Area Type..... A  
Submitting Entity..... Newport News City  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... Locality  
Eligible Funding Program(s)..... Both  
VTrans Need..... Hampton Roads Regional Network  
( Click for details )



**0.3**

SMART SCALE  
SCORE

**#364** OF 404 STATEWIDE

**#44** OF 52 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$3,100,000**

Total Project Cost..... **\$3,100,000**

Project Benefit..... **0.1**

Project Benefit / Total Cost..... **0.3**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 15.5<br>persons                           | 0.0<br>person hrs.             | 1.4<br>EPDO                           | 96.3<br>EPDO / 100M VMT                  | 2.5<br>jobs per resident   | 2.5<br>jobs per resident                                 | 23.3<br>adjusted users                          | 0.0<br>thousand adj sq. ft.                                | 0.0<br>thousand adj daily tons | 0.0<br>adj. buffer time index          | 31.1<br>adjusted points          | 0.1<br>scaled points                                     | 0.0<br>adjusted jobs & pop.                          |
| Normalized Measure Value (0-100)                               | 0.2                                       | 0.0                            | 0.4                                   | 0.5                                      | 0.1                        | 0.1                                                      | 0.2                                             | 0.0                                                        | 0.0                            | 0.0                                    | 0.2                              | 0.2                                                      | 0.0                                                  |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 0.1                                       |                                | 0.5                                   |                                          | 0.1                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.2                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 45%                                       |                                | 5%                                    |                                          | 15%                        |                                                          |                                                 | 5%                                                         |                                |                                        | 10%                              |                                                          | 20%                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.0                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.0                              |                                                          | 0.0                                                  |
| Project Benefit                                                | 0.1                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$3,100,000                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 0.3                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

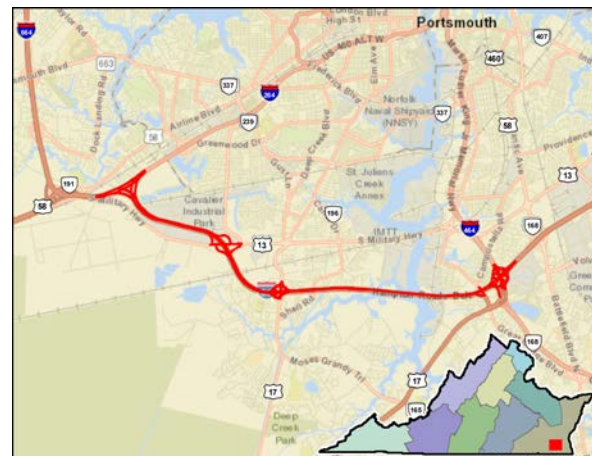
For more information on how to read a scorecard, click [here](#).

I-64 Southside Widening and High Rise Bridge - Phase 1

App Id: 1057

Widen I-64, including the High Rise Bridge, between I-464 and the I-264/I-664 Interchange at Bowers Hill

Project Location..... Chesapeake  
SMART SCALE Area Type..... A  
Submitting Entity..... Hampton Roads Transportation Planning Organization  
Preliminary Engineering..... Underway  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... \$7,866,413  
Key Fund Sources..... Local  
Administered By..... VDOT  
Eligible Funding Program(s)..... High Priority  
VTrans Need..... East-West CoSS  
( Click for details )



**6.3**

SMART SCALE  
SCORE

**#119** OF 404 STATEWIDE

**#22** OF 52 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$100,000,000**

Total Project Cost..... **\$600,000,000**

Project Benefit..... **62.9**

Project Benefit / Total Cost..... **1.0**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility                |                                                          |                                                 | Economic Development                                       |                                      |                                           | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|------------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------------|-------------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs   | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted               | Improvement to Travel Time Reliability    | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 10,136.0<br>persons                       | 2,892.0<br>person hrs.         | 148.4<br>EPDO                         | 63.9<br>EPDO / 100M VMT                  | 2,149.6<br>jobs per resident | 2,230.1<br>jobs per resident                             | 7,275.0<br>adjusted users                       | 1,899,678.0<br>thousand adj sq. ft.                        | 352,316.0<br>thousand adj daily tons | 1,217,848,894.6<br>adj. buffer time index | 2,182.5<br>adjusted points       | 39.2<br>scaled points                                    | 11,840.3<br>adjusted jobs & pop.                     |
| Normalized Measure Value (0-100)                               | 100.0                                     | 89.0                           | 45.2                                  | 0.3                                      | 82.0                         | 84.8                                                     | 49.7                                            | 6.7                                                        | 20.8                                 | 89.3                                      | 12.7                             | 76.1                                                     | 10.5                                                 |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                          | 20%                                                      | 20%                                             | 60%                                                        | 20%                                  | 20%                                       | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 94.5                                      |                                | 22.7                                  |                                          | 76.1                         |                                                          |                                                 | 26.1                                                       |                                      |                                           | 44.4                             |                                                          | 10.5                                                 |
| Factor Weight (% of Project Score)                             | 45%                                       |                                | 5%                                    |                                          | 15%                          |                                                          |                                                 | 5%                                                         |                                      |                                           | 10%                              |                                                          | 20%                                                  |
| Weighted Factor Value                                          | 42.5                                      |                                | 1.1                                   |                                          | 11.4                         |                                                          |                                                 | 1.3                                                        |                                      |                                           | 4.4                              |                                                          | 2.1                                                  |
| Project Benefit                                                | 62.9                                      |                                |                                       |                                          |                              |                                                          |                                                 |                                                            |                                      |                                           |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$100,000,000                             |                                |                                       |                                          |                              |                                                          |                                                 |                                                            |                                      |                                           |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 6.3                                       |                                |                                       |                                          |                              |                                                          |                                                 |                                                            |                                      |                                           |                                  |                                                          |                                                      |



# PROJECT SCORECARD

For more information on how to read a scorecard, click [here](#).

Freeman Avenue/Norfolk Portsmouth Beltline Overpass

App Id: 1065

This project will replace the existing at-grade railroad crossing with an overpass.

Project Location..... Chesapeake  
SMART SCALE Area Type..... A  
Submitting Entity..... Chesapeake City  
Preliminary Engineering..... Underway  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... Locality  
Eligible Funding Program(s)..... Both  
VTrans Need..... Hampton Roads Regional Network  
( [Click for details](#) )



**0.2**

SMART SCALE  
SCORE

**#371** OF 404 STATEWIDE

**#46** OF 52 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$26,210,000**

Total Project Cost..... **\$26,260,000**

Project Benefit..... **0.6**

Project Benefit / Total Cost..... **0.2**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 2.9<br>persons                            | 0.0<br>person hrs.             | 1.0<br>EPDO                           | 174.7<br>EPDO / 100M VMT                 | 0.0<br>jobs per resident   | 0.0<br>jobs per resident                                 | 14.4<br>adjusted users                          | 0.0<br>thousand adj sq. ft.                                | 0.0<br>thousand adj daily tons | 0.0<br>adj. buffer time index          | 8.7<br>adjusted points           | 0.5<br>scaled points                                     | 3,083.7<br>adjusted jobs & pop.                      |
| Normalized Measure Value (0-100)                               | 0.0                                       | 0.0                            | 0.3                                   | 0.9                                      | 0.0                        | 0.0                                                      | 0.1                                             | 0.0                                                        | 0.0                            | 0.0                                    | 0.1                              | 1.1                                                      | 2.7                                                  |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 0.0                                       |                                | 0.6                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.6                              |                                                          | 2.7                                                  |
| Factor Weight (% of Project Score)                             | 45%                                       |                                | 5%                                    |                                          | 15%                        |                                                          |                                                 | 5%                                                         |                                |                                        | 10%                              |                                                          | 20%                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.0                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.1                              |                                                          | 0.5                                                  |
| Project Benefit                                                | 0.6                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$26,210,000                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 0.2                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |



# PROJECT SCORECARD

For more information on how to read a scorecard, click [here](#).

I-264 W Off-ramp at Ballentine Boulevard

App Id: 1069

Addition of dual right turn lane on the I-264 W off-ramp at Ballentine, to reduce ramp queues that impact the interstate and improve capacity of a complex intersection involving the interstate, a Tide LRT crossing, and City streets.

Project Location..... Norfolk  
SMART SCALE Area Type..... A  
Submitting Entity..... Norfolk City  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... Both  
VTrans Need..... Hampton Roads Regional Network  
( [Click for details](#) )



**61.2**

SMART SCALE  
SCORE

**#14**

OF 404 STATEWIDE

**#5**

OF 52 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$1,710,000**

Total Project Cost..... **\$1,710,000**

Project Benefit..... **10.5**

Project Benefit / Total Cost..... **61.2**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                     |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|-------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted              | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 0.0<br>persons                            | 17.5<br>person hrs.            | 0.2<br>EPDO                           | 29.0<br>EPDO / 100M VMT                  | 20.5<br>jobs per resident  | 21.1<br>jobs per resident                                | 0.0<br>adjusted users                           | 768,179.5<br>thousand adj sq. ft.                          | 25,357.1<br>thousand adj daily tons | 377,168.7<br>adj. buffer time index    | 0.0<br>adjusted points           | 8.7<br>scaled points                                     | 52,604.2<br>adjusted jobs & pop.                     |
| Normalized Measure Value (0-100)                               | 0.0                                       | 0.5                            | 0.1                                   | 0.2                                      | 0.8                        | 0.8                                                      | 0.0                                             | 2.7                                                        | 1.5                                 | 0.0                                    | 0.0                              | 16.9                                                     | 46.5                                                 |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                 | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 0.3                                       |                                | 0.1                                   |                                          | 0.6                        |                                                          |                                                 | 1.9                                                        |                                     |                                        | 8.5                              |                                                          | 46.5                                                 |
| Factor Weight (% of Project Score)                             | 45%                                       |                                | 5%                                    |                                          | 15%                        |                                                          |                                                 | 5%                                                         |                                     |                                        | 10%                              |                                                          | 20%                                                  |
| Weighted Factor Value                                          | 0.1                                       |                                | 0.0                                   |                                          | 0.1                        |                                                          |                                                 | 0.1                                                        |                                     |                                        | 0.8                              |                                                          | 9.3                                                  |
| Project Benefit                                                | 10.5                                      |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$1,710,000                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 61.2                                      |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

For more information on how to read a scorecard, click [here](#).

Brambleton Avenue/Tidewater Drive Intersection Improvements

App Id: 1070

Expansion of left-turn storage and capacity by conversion of single lefts to dual lefts for movements from Tidewater Drive onto Brambleton Avenue.

Project Location..... Norfolk  
SMART SCALE Area Type..... A  
Submitting Entity..... Norfolk City  
Preliminary Engineering..... Not Started  
Right of Way..... Not Needed  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... Locality  
Eligible Funding Program(s)..... Both  
VTrans Need..... Heartland Corridor CoSS  
( Click for details )



**302.3**

SMART SCALE  
SCORE

**#1**

OF 404 STATEWIDE

**#1**

OF 52 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$645,500**

Total Project Cost..... **\$645,500**

Project Benefit..... **19.5**

Project Benefit / Total Cost..... **302.3**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                     |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|-------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted              | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 0.0<br>persons                            | 87.4<br>person hrs.            | 2.1<br>EPDO                           | 76.3<br>EPDO / 100M VMT                  | 50.6<br>jobs per resident  | 51.6<br>jobs per resident                                | 0.0<br>adjusted users                           | 1,349,589.2<br>thousand adj sq. ft.                        | 20,633.3<br>thousand adj daily tons | 7,061,221.7<br>adj. buffer time index  | 0.0<br>adjusted points           | 16.8<br>scaled points                                    | 95,404.7<br>adjusted jobs & pop.                     |
| Normalized Measure Value (0-100)                               | 0.0                                       | 2.7                            | 0.6                                   | 0.4                                      | 1.9                        | 2.0                                                      | 0.0                                             | 4.8                                                        | 1.2                                 | 0.5                                    | 0.0                              | 32.5                                                     | 84.3                                                 |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                 | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 1.3                                       |                                | 0.5                                   |                                          | 1.5                        |                                                          |                                                 | 3.2                                                        |                                     |                                        | 16.3                             |                                                          | 84.3                                                 |
| Factor Weight (% of Project Score)                             | 45%                                       |                                | 5%                                    |                                          | 15%                        |                                                          |                                                 | 5%                                                         |                                     |                                        | 10%                              |                                                          | 20%                                                  |
| Weighted Factor Value                                          | 0.6                                       |                                | 0.0                                   |                                          | 0.2                        |                                                          |                                                 | 0.2                                                        |                                     |                                        | 1.6                              |                                                          | 16.9                                                 |
| Project Benefit                                                | 19.5                                      |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$645,500                                 |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 302.3                                     |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

For more information on how to read a scorecard, click [here](#).

Brambleton Avenue/Park Avenue Intersection Improvements

App Id: 1073

Addition of a northbound right-turn lane on Park Avenue, increasing the capacity of that approach and of the intersection as a whole by allowing for the removal of undesirable split-phasing.

Project Location..... Norfolk  
SMART SCALE Area Type..... A  
Submitting Entity..... Norfolk City  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... Locality  
Eligible Funding Program(s)..... Both  
VTrans Need..... Heartland Corridor CoSS  
( [Click for details](#) )



**278.7**

SMART SCALE  
SCORE

**#2**

OF 404 STATEWIDE

**#2**

OF 52 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$594,000**

Total Project Cost..... **\$594,000**

Project Benefit..... **16.6**

Project Benefit / Total Cost..... **278.7**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 0.0<br>persons                            | 0.0<br>person hrs.             | 24.2<br>EPDO                          | 2,380.4<br>EPDO / 100M VMT               | 0.0<br>jobs per resident   | 0.0<br>jobs per resident                                 | 0.0<br>adjusted users                           | 1,004,785.3<br>thousand adj sq. ft.                        | 0.0<br>thousand adj daily tons | 1,632,867.4<br>adj. buffer time index  | 0.0<br>adjusted points           | 13.7<br>scaled points                                    | 82,729.2<br>adjusted jobs & pop.                     |
| Normalized Measure Value (0-100)                               | 0.0                                       | 0.0                            | 7.3                                   | 12.3                                     | 0.0                        | 0.0                                                      | 0.0                                             | 3.6                                                        | 0.0                            | 0.1                                    | 0.0                              | 26.6                                                     | 73.1                                                 |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 0.0                                       |                                | 9.8                                   |                                          | 0.0                        |                                                          |                                                 | 2.2                                                        |                                |                                        | 13.3                             |                                                          | 73.1                                                 |
| Factor Weight (% of Project Score)                             | 45%                                       |                                | 5%                                    |                                          | 15%                        |                                                          |                                                 | 5%                                                         |                                |                                        | 10%                              |                                                          | 20%                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.5                                   |                                          | 0.0                        |                                                          |                                                 | 0.1                                                        |                                |                                        | 1.3                              |                                                          | 14.6                                                 |
| Project Benefit                                                | 16.6                                      |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$594,000                                 |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 278.7                                     |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |



# PROJECT SCORECARD

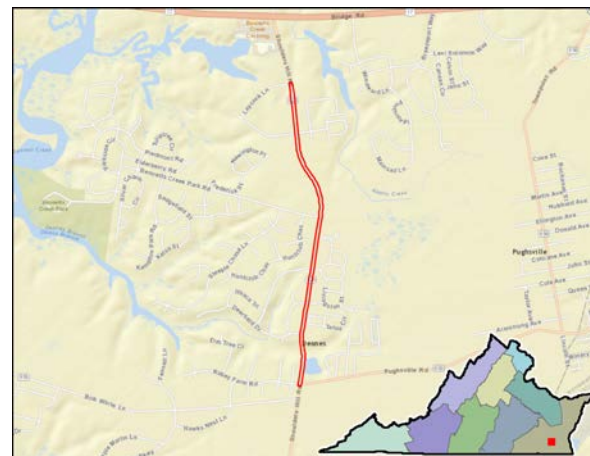
For more information on how to read a scorecard, click [here](#).

Shoulders Hill Road Widening

App Id: 1083

This project is for the widening of Shoulders Hill Road from approximately 0.3 miles south of Bridge Road (Route 17) to Pughsville Road. The total project length is 1.33 miles.

Project Location..... Suffolk  
SMART SCALE Area Type..... A  
Submitting Entity..... Suffolk City  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... Locality  
Eligible Funding Program(s)..... Both  
VTrans Need..... Hampton Roads Regional Network  
( [Click for details](#) )



**0.1**

SMART SCALE  
SCORE

**#384** OF 404 STATEWIDE

**#48** OF 52 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$45,790,530**

Total Project Cost..... **\$45,790,530**

Project Benefit..... **0.7**

Project Benefit / Total Cost..... **0.1**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 19.2<br>persons                           | 2.3<br>person hrs.             | 9.6<br>EPDO                           | 175.4<br>EPDO / 100M VMT                 | 2.2<br>jobs per resident   | 2.2<br>jobs per resident                                 | 95.9<br>adjusted users                          | 143,566.5<br>thousand adj sq. ft.                          | 0.0<br>thousand adj daily tons | 2,100,301.8<br>adj. buffer time index  | 95.9<br>adjusted points          | 0.6<br>scaled points                                     | 2,259.6<br>adjusted jobs & pop.                      |
| Normalized Measure Value (0-100)                               | 0.2                                       | 0.1                            | 2.9                                   | 0.9                                      | 0.1                        | 0.1                                                      | 0.7                                             | 0.5                                                        | 0.0                            | 0.2                                    | 0.6                              | 1.1                                                      | 2.0                                                  |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 0.1                                       |                                | 1.9                                   |                                          | 0.2                        |                                                          |                                                 | 0.3                                                        |                                |                                        | 0.8                              |                                                          | 2.0                                                  |
| Factor Weight (% of Project Score)                             | 45%                                       |                                | 5%                                    |                                          | 15%                        |                                                          |                                                 | 5%                                                         |                                |                                        | 10%                              |                                                          | 20%                                                  |
| Weighted Factor Value                                          | 0.1                                       |                                | 0.1                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.1                              |                                                          | 0.4                                                  |
| Project Benefit                                                | 0.7                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$45,790,530                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 0.1                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |



# PROJECT SCORECARD

For more information on how to read a scorecard, click here.

Route 171 Widening between Route 17 and Route 134

App Id: 1088

Widen Route 171 (Victory Boulevard) from 5 to 6 lanes between Route 17 and Route 134

Project Location..... York County  
SMART SCALE Area Type..... A  
Submitting Entity..... York County  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... Both  
VTrans Need..... Hampton Roads Regional Network  
( Click for details )



**5.4**

SMART SCALE  
SCORE

**#133** OF 404 STATEWIDE

**#23** OF 52 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$4,588,259**

Total Project Cost..... **\$4,643,259**

Project Benefit..... **2.5**

Project Benefit / Total Cost..... **5.3**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                    |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted             | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 0.0<br>persons                            | 23.9<br>person hrs.            | 0.8<br>EPDO                           | 54.8<br>EPDO / 100M VMT                  | 0.0<br>jobs per resident   | 0.0<br>jobs per resident                                 | 0.0<br>adjusted users                           | 512,108.2<br>thousand adj sq. ft.                          | 4,358.5<br>thousand adj daily tons | 482,873.2<br>adj. buffer time index    | 0.0<br>adjusted points           | 2.0<br>scaled points                                     | 11,481.2<br>adjusted jobs & pop.                     |
| Normalized Measure Value (0-100)                               | 0.0                                       | 0.7                            | 0.2                                   | 0.3                                      | 0.0                        | 0.0                                                      | 0.0                                             | 1.8                                                        | 0.3                                | 0.0                                    | 0.0                              | 3.9                                                      | 10.1                                                 |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 0.4                                       |                                | 0.3                                   |                                          | 0.0                        |                                                          |                                                 | 1.1                                                        |                                    |                                        | 1.9                              |                                                          | 10.1                                                 |
| Factor Weight (% of Project Score)                             | 45%                                       |                                | 5%                                    |                                          | 15%                        |                                                          |                                                 | 5%                                                         |                                    |                                        | 10%                              |                                                          | 20%                                                  |
| Weighted Factor Value                                          | 0.2                                       |                                | 0.0                                   |                                          | 0.0                        |                                                          |                                                 | 0.1                                                        |                                    |                                        | 0.2                              |                                                          | 2.0                                                  |
| Project Benefit                                                | 2.5                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$4,588,259                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 5.4                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

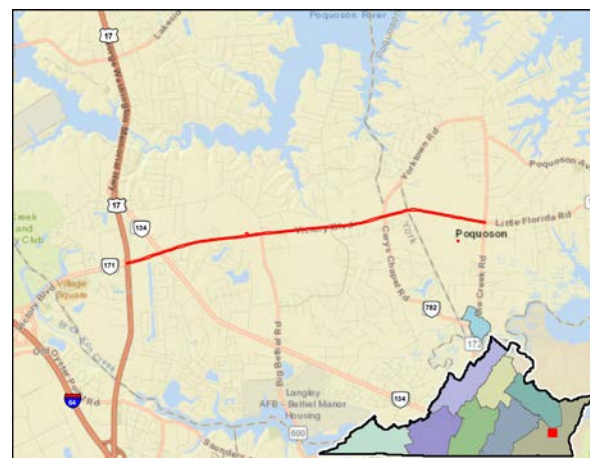
For more information on how to read a scorecard, click [here](#).

Route 171 Widening - 2016

App Id: 1089

Widen Rte. 171 (Victory Boulevard) from Rt 17 to Wythe Creek Rd, construct a shared use path from 134 to Wythe Creek Rd and create two park and ride lots with 20 new spaces total.

Project Location..... York County  
SMART SCALE Area Type..... A  
Submitting Entity..... Poquoson City  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... Both  
VTrans Need..... Hampton Roads Regional Network  
( Click for details )



**1.0**

SMART SCALE  
SCORE

**#282** OF 404 STATEWIDE

**#32** OF 52 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$58,579,510**

Total Project Cost..... **\$60,434,510**

Project Benefit..... **5.9**

Project Benefit / Total Cost..... **1.0**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                    |                                         | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|------------------------------------|-----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted             | Improvement to Travel Time Reliability  | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 121.1<br>persons                          | 167.7<br>person hrs.           | 38.9<br>EPDO                          | 3.1<br>EPDO / 100M VMT                   | 34.7<br>jobs per resident  | 35.2<br>jobs per resident                                | 605.6<br>adjusted users                         | 1,215,382.9<br>thousand adj sq. ft.                        | 8,717.0<br>thousand adj daily tons | 139,852,263.8<br>adj. buffer time index | 787.3<br>adjusted points         | 4.9<br>scaled points                                     | 16,799.8<br>adjusted jobs & pop.                     |
| Normalized Measure Value (0-100)                               | 1.2                                       | 5.2                            | 11.8                                  | 0.0                                      | 1.3                        | 1.3                                                      | 4.1                                             | 4.3                                                        | 0.5                                | 10.3                                    | 4.6                              | 9.6                                                      | 14.8                                                 |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                | 20%                                     | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 3.2                                       |                                | 5.9                                   |                                          | 1.9                        |                                                          |                                                 | 4.7                                                        |                                    |                                         | 7.1                              |                                                          | 14.8                                                 |
| Factor Weight (% of Project Score)                             | 45%                                       |                                | 5%                                    |                                          | 15%                        |                                                          |                                                 | 5%                                                         |                                    |                                         | 10%                              |                                                          | 20%                                                  |
| Weighted Factor Value                                          | 1.4                                       |                                | 0.3                                   |                                          | 0.3                        |                                                          |                                                 | 0.2                                                        |                                    |                                         | 0.7                              |                                                          | 3.0                                                  |
| Project Benefit                                                | 5.9                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                         |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$58,579,510                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                         |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 1.0                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                         |                                  |                                                          |                                                      |

# PROJECT SCORECARD

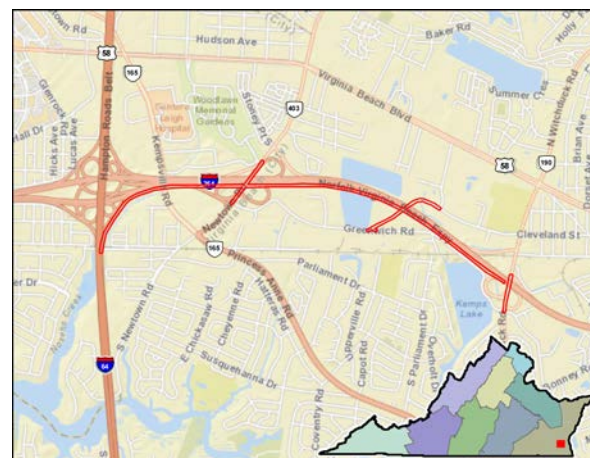
For more information on how to read a scorecard, click [here](#).

I-64/I-264 Interchange Improvements

App Id: 1090

Capacity and safety improvements to the I-64 West to I-264 East movement at the I-64/I-264 Interchange through the I-264/Witchduck Road Interchange

Project Location..... Multiple  
SMART SCALE Area Type..... A  
Submitting Entity..... Hampton Roads Transportation Planning Organization  
Preliminary Engineering..... Underway  
Right of Way..... Underway  
Construction..... Not Started  
Expenditures to Date..... \$58,028,226  
Key Fund Sources..... Spec/Fed-State Disc/MPO  
Administered By..... VDOT  
Eligible Funding Program(s)..... High Priority  
VTrans Need..... East-West CoSS  
( Click for details )



**9.8**

SMART SCALE  
SCORE

**#78**

OF 404 STATEWIDE

**#18**

OF 52 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$50,000,055**

Total Project Cost..... **\$350,091,800**

Project Benefit..... **48.9**

Project Benefit / Total Cost..... **1.4**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                   |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|-----------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted            | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 6,143.7 persons                           | 1,751.0 person hrs.            | 0.0 EPDO                              | 0.0 EPDO / 100M VMT                      | 2,621.9 jobs per resident  | 2,630.7 jobs per resident                                | 563.6 adjusted users                            | 1,113,157.0 thousand adj sq. ft.                           | 494,115.7 thousand adj daily tons | 68,508,032.1 adj. buffer time index    | 620.0 adjusted points            | 41.3 scaled points                                       | 35,837.0 adjusted jobs & pop.                        |
| Normalized Measure Value (0-100)                               | 60.6                                      | 53.9                           | 0.0                                   | 0.0                                      | 100.0                      | 100.0                                                    | 3.9                                             | 4.0                                                        | 29.2                              | 5.0                                    | 3.6                              | 80.1                                                     | 31.7                                                 |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                               | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 57.2                                      |                                | 0.0                                   |                                          | 80.8                       |                                                          |                                                 | 9.2                                                        |                                   |                                        | 41.9                             |                                                          | 31.7                                                 |
| Factor Weight (% of Project Score)                             | 45%                                       |                                | 5%                                    |                                          | 15%                        |                                                          |                                                 | 5%                                                         |                                   |                                        | 10%                              |                                                          | 20%                                                  |
| Weighted Factor Value                                          | 25.8                                      |                                | 0.0                                   |                                          | 12.1                       |                                                          |                                                 | 0.5                                                        |                                   |                                        | 4.2                              |                                                          | 6.3                                                  |
| Project Benefit                                                | 48.9                                      |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                   |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$50,000,055                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                   |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 9.8                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                   |                                        |                                  |                                                          |                                                      |



# PROJECT SCORECARD

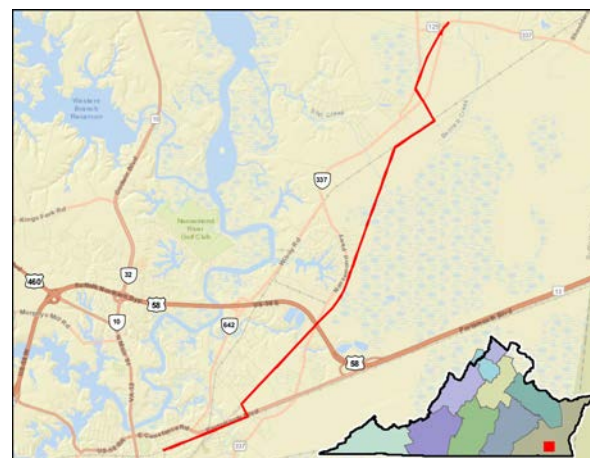
For more information on how to read a scorecard, click [here](#).

Seaboard Coastline Trail

App Id: 1114

The project is for Phase I – III of the Suffolk Seaboard Coastline Trail (8 mile 10-ft wide multiuse path). Phase IV is currently under construction. Total trail length is 11 miles.

Project Location..... Suffolk  
SMART SCALE Area Type..... A  
Submitting Entity..... Suffolk City  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... Locality  
Eligible Funding Program(s)..... Both  
VTrans Need..... Hampton Roads Regional Network  
( [Click for details](#) )



**1.2**

SMART SCALE  
SCORE

**#272** OF 404 STATEWIDE

**#29** OF 52 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$10,610,290**

Total Project Cost..... **\$10,760,290**

Project Benefit..... **1.3**

Project Benefit / Total Cost..... **1.2**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 33.1<br>persons                           | 0.0<br>person hrs.             | 4.9<br>EPDO                           | 0.4<br>EPDO / 100M VMT                   | 5.2<br>jobs per resident   | 5.2<br>jobs per resident                                 | 165.6<br>adjusted users                         | 22,214.0<br>thousand adj sq. ft.                           | 0.0<br>thousand adj daily tons | 0.0<br>adj. buffer time index          | 215.3<br>adjusted points         | 0.9<br>scaled points                                     | 5,388.1<br>adjusted jobs & pop.                      |
| Normalized Measure Value (0-100)                               | 0.3                                       | 0.0                            | 1.5                                   | 0.0                                      | 0.2                        | 0.2                                                      | 1.1                                             | 0.1                                                        | 0.0                            | 0.0                                    | 1.3                              | 1.7                                                      | 4.8                                                  |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 0.2                                       |                                | 0.7                                   |                                          | 0.4                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 1.5                              |                                                          | 4.8                                                  |
| Factor Weight (% of Project Score)                             | 45%                                       |                                | 5%                                    |                                          | 15%                        |                                                          |                                                 | 5%                                                         |                                |                                        | 10%                              |                                                          | 20%                                                  |
| Weighted Factor Value                                          | 0.1                                       |                                | 0.0                                   |                                          | 0.1                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.1                              |                                                          | 1.0                                                  |
| Project Benefit                                                | 1.3                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$10,610,290                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 1.2                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |



# PROJECT SCORECARD

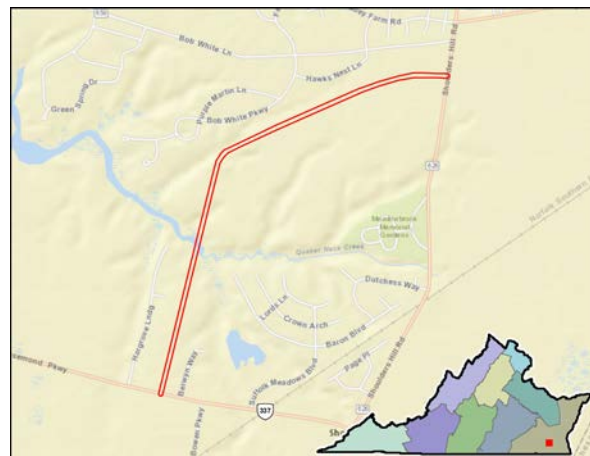
For more information on how to read a scorecard, click [here](#).

North Suffolk Connector

App Id: 1128

The project will include a new two lane roadway alignment connecting Nansemond Parkway to Shoulders Hill.

Project Location..... Suffolk  
SMART SCALE Area Type..... A  
Submitting Entity..... Suffolk City  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... Locality  
Eligible Funding Program(s)..... Both  
VTrans Need..... Hampton Roads Regional Network  
( [Click for details](#) )



**2.6**

SMART SCALE  
SCORE

**#195** OF 404 STATEWIDE

**#26** OF 52 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$30,610,080**

Total Project Cost..... **\$30,710,080**

Project Benefit..... **7.9**

Project Benefit / Total Cost..... **2.6**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 1,608.7<br>persons                        | 464.0<br>person hrs.           | 0.0<br>EPDO                           | 0.0<br>EPDO / 100M VMT                   | 12.1<br>jobs per resident  | 12.3<br>jobs per resident                                | 48.6<br>adjusted users                          | 193,453.6<br>thousand adj sq. ft.                          | 0.0<br>thousand adj daily tons | 19,354,168.8<br>adj. buffer time index | 48.6<br>adjusted points          | 6.4<br>scaled points                                     | 1,887.5<br>adjusted jobs & pop.                      |
| Normalized Measure Value (0-100)                               | 15.9                                      | 14.3                           | 0.0                                   | 0.0                                      | 0.5                        | 0.5                                                      | 0.3                                             | 0.7                                                        | 0.0                            | 1.4                                    | 0.3                              | 12.4                                                     | 1.7                                                  |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 15.1                                      |                                | 0.0                                   |                                          | 0.4                        |                                                          |                                                 | 0.7                                                        |                                |                                        | 6.3                              |                                                          | 1.7                                                  |
| Factor Weight (% of Project Score)                             | 45%                                       |                                | 5%                                    |                                          | 15%                        |                                                          |                                                 | 5%                                                         |                                |                                        | 10%                              |                                                          | 20%                                                  |
| Weighted Factor Value                                          | 6.8                                       |                                | 0.0                                   |                                          | 0.1                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.6                              |                                                          | 0.3                                                  |
| Project Benefit                                                | 7.9                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$30,610,080                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 2.6                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

For more information on how to read a scorecard, click [here](#).

Elbow Road Phase II Roadway Improvements

App Id: 1166

This project will provide widening of Elbow Road from the eastern terminus of the Phase I widening (approx. ¾ mile east of Centerville Turnpike) to the city line with Virginia Beach.

Project Location..... Chesapeake  
SMART SCALE Area Type..... A  
Submitting Entity..... Chesapeake City  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... Locality  
Eligible Funding Program(s)..... District Grant  
VTrans Need..... Safety: Crash History and Geometric Issue  
( [Click for details](#) )



**0.5**

SMART SCALE  
SCORE

**#342** OF 404 STATEWIDE

**#41** OF 52 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$18,703,140**

Total Project Cost..... **\$18,703,140**

Project Benefit..... **0.9**

Project Benefit / Total Cost..... **0.5**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 13.6<br>persons                           | 0.0<br>person hrs.             | 35.0<br>EPDO                          | 543.7<br>EPDO / 100M VMT                 | 32.6<br>jobs per resident  | 33.3<br>jobs per resident                                | 20.5<br>adjusted users                          | 0.0<br>thousand adj sq. ft.                                | 0.0<br>thousand adj daily tons | 1,447,105.0<br>adj. buffer time index  | 27.3<br>adjusted points          | 0.5<br>scaled points                                     | 1,539.0<br>adjusted jobs & pop.                      |
| Normalized Measure Value (0-100)                               | 0.1                                       | 0.0                            | 10.7                                  | 2.8                                      | 1.2                        | 1.3                                                      | 0.1                                             | 0.0                                                        | 0.0                            | 0.1                                    | 0.2                              | 1.0                                                      | 1.4                                                  |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 0.1                                       |                                | 6.7                                   |                                          | 1.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.6                              |                                                          | 1.4                                                  |
| Factor Weight (% of Project Score)                             | 45%                                       |                                | 5%                                    |                                          | 15%                        |                                                          |                                                 | 5%                                                         |                                |                                        | 10%                              |                                                          | 20%                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.3                                   |                                          | 0.2                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.1                              |                                                          | 0.3                                                  |
| Project Benefit                                                | 0.9                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$18,703,140                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 0.5                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

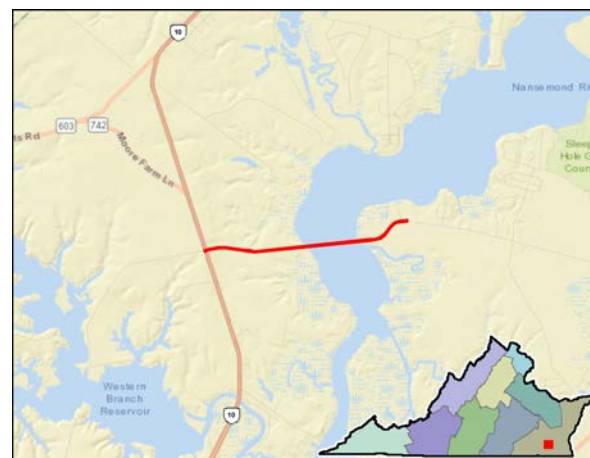
For more information on how to read a scorecard, click [here](#).

Kings Highway Bridge Project

App Id: 1171

New bridge on new alignment to replace previously demolished Kings Highway Bridge

Project Location..... Suffolk  
SMART SCALE Area Type..... A  
Submitting Entity..... Suffolk City  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... Locality  
Eligible Funding Program(s)..... Both  
VTrans Need..... Hampton Roads Regional Network  
( [Click for details](#) )



**1.0**

SMART SCALE  
SCORE

**#285** OF 404 STATEWIDE

**#33** OF 52 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$91,105,120**

Total Project Cost..... **\$91,105,120**

Project Benefit..... **8.8**

Project Benefit / Total Cost..... **1.0**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                    |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted             | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 1,883.6<br>persons                        | 544.0<br>person hrs.           | 26.2<br>EPDO                          | 17.6<br>EPDO / 100M VMT                  | 9.7<br>jobs per resident   | 9.6<br>jobs per resident                                 | 31.7<br>adjusted users                          | 0.0<br>thousand adj sq. ft.                                | 5,224.2<br>thousand adj daily tons | 34,232,328.0<br>adj. buffer time index | 42.2<br>adjusted points          | 4.2<br>scaled points                                     | 659.0<br>adjusted jobs & pop.                        |
| Normalized Measure Value (0-100)                               | 18.6                                      | 16.7                           | 8.0                                   | 0.1                                      | 0.4                        | 0.4                                                      | 0.2                                             | 0.0                                                        | 0.3                                | 2.5                                    | 0.2                              | 8.1                                                      | 0.6                                                  |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 17.7                                      |                                | 4.0                                   |                                          | 0.3                        |                                                          |                                                 | 0.6                                                        |                                    |                                        | 4.2                              |                                                          | 0.6                                                  |
| Factor Weight (% of Project Score)                             | 45%                                       |                                | 5%                                    |                                          | 15%                        |                                                          |                                                 | 5%                                                         |                                    |                                        | 10%                              |                                                          | 20%                                                  |
| Weighted Factor Value                                          | 7.9                                       |                                | 0.2                                   |                                          | 0.1                        |                                                          |                                                 | 0.0                                                        |                                    |                                        | 0.4                              |                                                          | 0.1                                                  |
| Project Benefit                                                | 8.8                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$91,105,120                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 1.0                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

For more information on how to read a scorecard, click [here](#).

Bus Expansion & Three Expansion Bus Shelters

App Id: 1173

Bus Expansion to service new connector route

Project Location..... Multiple  
 SMART SCALE Area Type..... A  
 Submitting Entity..... Williamsburg Area Transit Authority (WATA)  
 Preliminary Engineering..... Not Started  
 Right of Way..... Not Started  
 Construction..... Not Started  
 Expenditures to Date..... N/A  
 Key Fund Sources..... N/A  
 Administered By..... Locality  
 Eligible Funding Program(s)..... High Priority  
 VTrans Need..... Hampton Roads Regional Network  
 ( [Click for details](#) )



**43.3**

SMART SCALE  
SCORE

**#23**

OF 404 STATEWIDE

**#8**

OF 52 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$334,058**

Total Project Cost..... **\$334,058**

Project Benefit..... **1.4**

Project Benefit / Total Cost..... **43.3**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                      |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted               | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 105.0<br>persons                          | 17.6<br>person hrs.            | 16.8<br>EPDO                          | 0.0<br>EPDO / 100M VMT                   | 0.0<br>jobs per resident   | 0.0<br>jobs per resident                                 | 525.0<br>adjusted users                         | 0.0<br>thousand adj sq. ft.                                | 284,750.7<br>thousand adj daily tons | 177,359.0<br>adj. buffer time index    | 315.0<br>adjusted points         | 1.3<br>scaled points                                     | 1,923.8<br>adjusted jobs & pop.                      |
| Normalized Measure Value (0-100)                               | 1.0                                       | 0.5                            | 5.1                                   | 0.0                                      | 0.0                        | 0.0                                                      | 3.6                                             | 0.0                                                        | 16.8                                 | 0.0                                    | 1.8                              | 2.6                                                      | 1.7                                                  |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 100%                                  | 0%                                       | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                  | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 0.8                                       |                                | 5.1                                   |                                          | 0.7                        |                                                          |                                                 | 3.4                                                        |                                      |                                        | 2.2                              |                                                          | 1.7                                                  |
| Factor Weight (% of Project Score)                             | 45%                                       |                                | 5%                                    |                                          | 15%                        |                                                          |                                                 | 5%                                                         |                                      |                                        | 10%                              |                                                          | 20%                                                  |
| Weighted Factor Value                                          | 0.4                                       |                                | 0.3                                   |                                          | 0.1                        |                                                          |                                                 | 0.2                                                        |                                      |                                        | 0.2                              |                                                          | 0.3                                                  |
| Project Benefit                                                | 1.4                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                      |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$334,058                                 |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                      |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 43.3                                      |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                      |                                        |                                  |                                                          |                                                      |



# PROJECT SCORECARD

For more information on how to read a scorecard, click [here](#).

Indian River Road Phase VII-B

App Id: 1179

Construction of the final two lanes (northbound) of Indian River Road from Lynnhaven Parkway to Elbow Road Extended.  
Construction of the additional two lanes will complete the ultimate four-lane divided roadway configuration along Indian River Road.

Project Location..... Virginia Beach  
SMART SCALE Area Type..... A  
Submitting Entity..... Virginia Beach City  
Preliminary Engineering..... Underway  
Right of Way..... Underway  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... Locality  
Eligible Funding Program(s)..... Both  
VTrans Need..... Hampton Roads Regional Network  
( [Click for details](#) )



**17.7**

SMART SCALE  
SCORE

**#54**

OF 404 STATEWIDE

**#15**

OF 52 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$5,000,000**

Total Project Cost..... **\$11,430,000**

Project Benefit..... **8.8**

Project Benefit / Total Cost..... **7.7**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 1,775.7<br>persons                        | 508.0<br>person hrs.           | 0.0<br>EPDO                           | 0.0<br>EPDO / 100M VMT                   | 108.6<br>jobs per resident | 111.7<br>jobs per resident                               | 102.9<br>adjusted users                         | 186,000.0<br>thousand adj sq. ft.                          | 0.0<br>thousand adj daily tons | 6,313,882.8<br>adj. buffer time index  | 102.9<br>adjusted points         | 0.1<br>scaled points                                     | 4,495.2<br>adjusted jobs & pop.                      |
| Normalized Measure Value (0-100)                               | 17.5                                      | 15.6                           | 0.0                                   | 0.0                                      | 4.1                        | 4.2                                                      | 0.7                                             | 0.7                                                        | 0.0                            | 0.5                                    | 0.6                              | 0.2                                                      | 4.0                                                  |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 16.6                                      |                                | 0.0                                   |                                          | 3.5                        |                                                          |                                                 | 0.5                                                        |                                |                                        | 0.4                              |                                                          | 4.0                                                  |
| Factor Weight (% of Project Score)                             | 45%                                       |                                | 5%                                    |                                          | 15%                        |                                                          |                                                 | 5%                                                         |                                |                                        | 10%                              |                                                          | 20%                                                  |
| Weighted Factor Value                                          | 7.5                                       |                                | 0.0                                   |                                          | 0.5                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.0                              |                                                          | 0.8                                                  |
| Project Benefit                                                | 8.8                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$5,000,000                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 17.7                                      |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

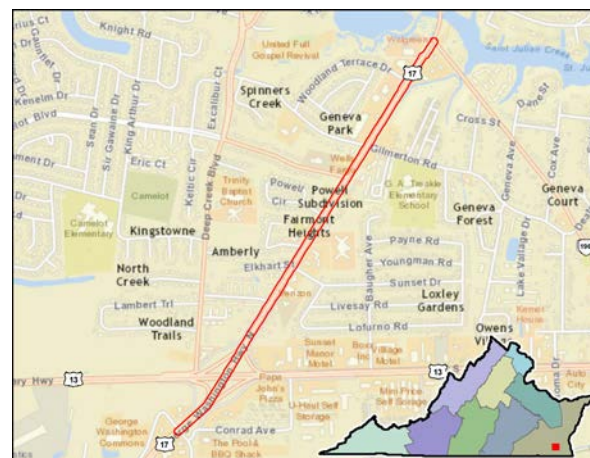
For more information on how to read a scorecard, click [here](#).

George Washington Highway Widening

App Id: 1187

This project will provide improvements to Route 17 by expanding the existing two lane undivided roadway to a four lane divided roadway from Yadkin Road to Canal Drive. Project will also include intersection improvements and new pedestrian facilities.

Project Location..... Chesapeake  
SMART SCALE Area Type..... A  
Submitting Entity..... Chesapeake City  
Preliminary Engineering..... Underway  
Right of Way..... Underway  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... Locality  
Eligible Funding Program(s)..... Both  
VTrans Need..... Hampton Roads Regional Network  
( [Click for details](#) )



**1.0**

SMART SCALE  
SCORE

**#287** OF 404 STATEWIDE

**#34** OF 52 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$28,589,900**

Total Project Cost..... **\$28,589,900**

Project Benefit..... **2.7**

Project Benefit / Total Cost..... **1.0**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                     |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|-------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted              | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 32.4<br>persons                           | 101.7<br>person hrs.           | 75.8<br>EPDO                          | 1,084.8<br>EPDO / 100M VMT               | 25.3<br>jobs per resident  | 24.8<br>jobs per resident                                | 162.1<br>adjusted users                         | 0.0<br>thousand adj sq. ft.                                | 15,094.3<br>thousand adj daily tons | 19,848,896.4<br>adj. buffer time index | 243.1<br>adjusted points         | 2.3<br>scaled points                                     | 4,281.8<br>adjusted jobs & pop.                      |
| Normalized Measure Value (0-100)                               | 0.3                                       | 3.1                            | 23.1                                  | 5.6                                      | 1.0                        | 0.9                                                      | 1.1                                             | 0.0                                                        | 0.9                                 | 1.5                                    | 1.4                              | 4.5                                                      | 3.8                                                  |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                 | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 1.7                                       |                                | 14.3                                  |                                          | 1.0                        |                                                          |                                                 | 0.5                                                        |                                     |                                        | 3.0                              |                                                          | 3.8                                                  |
| Factor Weight (% of Project Score)                             | 45%                                       |                                | 5%                                    |                                          | 15%                        |                                                          |                                                 | 5%                                                         |                                     |                                        | 10%                              |                                                          | 20%                                                  |
| Weighted Factor Value                                          | 0.8                                       |                                | 0.7                                   |                                          | 0.1                        |                                                          |                                                 | 0.0                                                        |                                     |                                        | 0.3                              |                                                          | 0.8                                                  |
| Project Benefit                                                | 2.7                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$28,589,900                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 1.0                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

For more information on how to read a scorecard, click [here](#).

Cleveland Street Phase IV

App Id: 1193

This project will widen Cleveland Street to a four-lane divided roadway from Witchduck Road to Independence Boulevard, a total distance of approximately 1.2 miles.

Project Location..... Virginia Beach  
SMART SCALE Area Type..... A  
Submitting Entity..... Virginia Beach City  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... Locality  
Eligible Funding Program(s)..... District Grant  
VTrans Need..... Virginia Beach UDA  
( Click for details )



**13.4**

SMART SCALE  
SCORE

**#61**

OF 404 STATEWIDE

**#16**

OF 52 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$10,000,000**

Total Project Cost..... **\$23,647,000**

Project Benefit..... **13.4**

Project Benefit / Total Cost..... **5.7**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 82.5<br>persons                           | 14.2<br>person hrs.            | 29.8<br>EPDO                          | 953.0<br>EPDO / 100M VMT                 | 6.1<br>jobs per resident   | 6.2<br>jobs per resident                                 | 330.0<br>adjusted users                         | 471,003.8<br>thousand adj sq. ft.                          | 0.0<br>thousand adj daily tons | 0.0<br>adj. buffer time index          | 412.4<br>adjusted points         | 11.2<br>scaled points                                    | 64,866.4<br>adjusted jobs & pop.                     |
| Normalized Measure Value (0-100)                               | 0.8                                       | 0.4                            | 9.1                                   | 4.9                                      | 0.2                        | 0.2                                                      | 2.3                                             | 1.7                                                        | 0.0                            | 0.0                                    | 2.4                              | 21.7                                                     | 57.3                                                 |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 0.6                                       |                                | 7.0                                   |                                          | 0.6                        |                                                          |                                                 | 1.0                                                        |                                |                                        | 12.0                             |                                                          | 57.3                                                 |
| Factor Weight (% of Project Score)                             | 45%                                       |                                | 5%                                    |                                          | 15%                        |                                                          |                                                 | 5%                                                         |                                |                                        | 10%                              |                                                          | 20%                                                  |
| Weighted Factor Value                                          | 0.3                                       |                                | 0.3                                   |                                          | 0.1                        |                                                          |                                                 | 0.1                                                        |                                |                                        | 1.2                              |                                                          | 11.5                                                 |
| Project Benefit                                                | 13.4                                      |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$10,000,000                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 13.4                                      |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |



# PROJECT SCORECARD

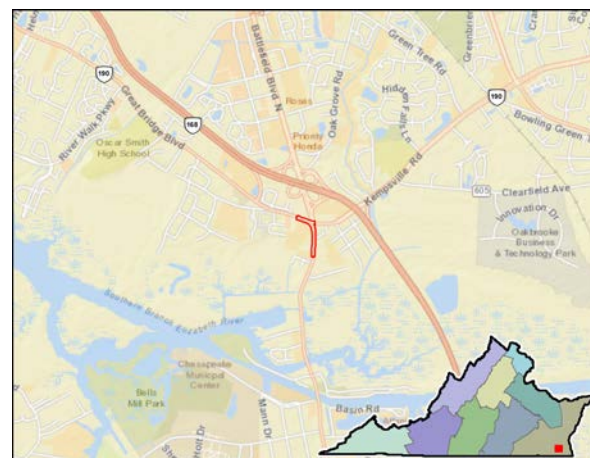
For more information on how to read a scorecard, click [here](#).

Great Bridge Blvd Right Turn Lane

App Id: 1203

Battlefield Boulevard, Kempsville Road, and Great Bridge Boulevard intersection improvements. Project includes adding an additional through lane and receiving lane that will enhance the signal operations.

Project Location..... Chesapeake  
SMART SCALE Area Type..... A  
Submitting Entity..... Chesapeake City  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... Locality  
Eligible Funding Program(s)..... District Grant  
VTrans Need..... Safety: PSI Data and Geometric Issue  
( Click for details )



**36.5**

SMART SCALE  
SCORE

**#26**

OF 404 STATEWIDE

**#9**

OF 52 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$1,210,000**

Total Project Cost..... **\$1,210,000**

Project Benefit..... **4.4**

Project Benefit / Total Cost..... **36.5**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 123.0<br>persons                          | 133.3<br>person hrs.           | 2.7<br>EPDO                           | 143.5<br>EPDO / 100M VMT                 | 6.0<br>jobs per resident   | 6.0<br>jobs per resident                                 | 614.9<br>adjusted users                         | 0.0<br>thousand adj sq. ft.                                | 0.0<br>thousand adj daily tons | 4,441,580.7<br>adj. buffer time index  | 368.9<br>adjusted points         | 2.9<br>scaled points                                     | 14,920.8<br>adjusted jobs & pop.                     |
| Normalized Measure Value (0-100)                               | 1.2                                       | 4.1                            | 0.8                                   | 0.7                                      | 0.2                        | 0.2                                                      | 4.2                                             | 0.0                                                        | 0.0                            | 0.3                                    | 2.2                              | 5.7                                                      | 13.2                                                 |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 2.7                                       |                                | 0.8                                   |                                          | 1.0                        |                                                          |                                                 | 0.1                                                        |                                |                                        | 3.9                              |                                                          | 13.2                                                 |
| Factor Weight (% of Project Score)                             | 45%                                       |                                | 5%                                    |                                          | 15%                        |                                                          |                                                 | 5%                                                         |                                |                                        | 10%                              |                                                          | 20%                                                  |
| Weighted Factor Value                                          | 1.2                                       |                                | 0.0                                   |                                          | 0.2                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.4                              |                                                          | 2.6                                                  |
| Project Benefit                                                | 4.4                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$1,210,000                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 36.5                                      |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |



# PROJECT SCORECARD

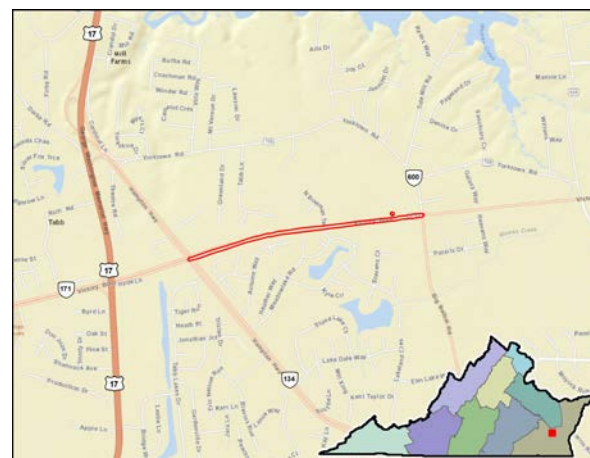
For more information on how to read a scorecard, click [here](#).

Route 171 Widening between Route 134 and Big Bethel Road

App Id: 1217

Widen Route 171 (Victory Boulevard) from 2 to 4 lanes between Route 134 (Hampton Highway) and Route 600 (Big Bethel Road)

Project Location..... York County  
SMART SCALE Area Type..... A  
Submitting Entity..... York County  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... Both  
VTrans Need..... Hampton Roads Regional Network  
( [Click for details](#) )



**0.6**

SMART SCALE  
SCORE

**#320** OF 404 STATEWIDE

**#36** OF 52 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$17,177,460**

Total Project Cost..... **\$19,032,460**

Project Benefit..... **1.1**

Project Benefit / Total Cost..... **0.6**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                    |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted             | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 59.7<br>persons                           | 60.4<br>person hrs.            | 13.3<br>EPDO                          | 1.0<br>EPDO / 100M VMT                   | 18.3<br>jobs per resident  | 18.5<br>jobs per resident                                | 298.6<br>adjusted users                         | 641,303.9<br>thousand adj sq. ft.                          | 4,576.4<br>thousand adj daily tons | 25,954,972.1<br>adj. buffer time index | 388.2<br>adjusted points         | 0.9<br>scaled points                                     | 0.0<br>adjusted jobs & pop.                          |
| Normalized Measure Value (0-100)                               | 0.6                                       | 1.9                            | 4.1                                   | 0.0                                      | 0.7                        | 0.7                                                      | 2.0                                             | 2.3                                                        | 0.3                                | 1.9                                    | 2.3                              | 1.8                                                      | 0.0                                                  |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 1.2                                       |                                | 2.0                                   |                                          | 1.0                        |                                                          |                                                 | 1.8                                                        |                                    |                                        | 2.0                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 45%                                       |                                | 5%                                    |                                          | 15%                        |                                                          |                                                 | 5%                                                         |                                    |                                        | 10%                              |                                                          | 20%                                                  |
| Weighted Factor Value                                          | 0.6                                       |                                | 0.1                                   |                                          | 0.1                        |                                                          |                                                 | 0.1                                                        |                                    |                                        | 0.2                              |                                                          | 0.0                                                  |
| Project Benefit                                                | 1.1                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$17,177,460                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 0.6                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

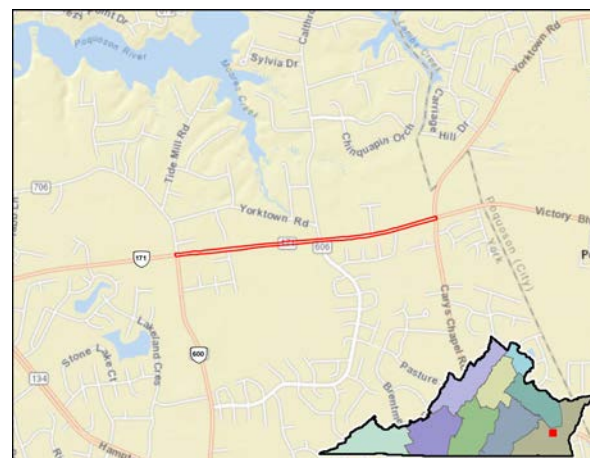
For more information on how to read a scorecard, click [here](#).

Route 171 Widening between Route 600 and Poquoson city line

App Id: 1231

Widen Route 171 (Victory Boulevard) between Route 600 (Big Bethel Road) and the Poquoson city line from 2 to 4 lanes

Project Location..... York County  
SMART SCALE Area Type..... A  
Submitting Entity..... York County  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... Both  
VTrans Need..... Hampton Roads Regional Network  
( [Click for details](#) )



**1.0**

SMART SCALE  
SCORE

**#281** OF 404 STATEWIDE

**#31** OF 52 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$26,897,470**

Total Project Cost..... **\$26,897,470**

Project Benefit..... **2.7**

Project Benefit / Total Cost..... **1.0**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 79.5<br>persons                           | 135.5<br>person hrs.           | 30.0<br>EPDO                          | 297.5<br>EPDO / 100M VMT                 | 24.7<br>jobs per resident  | 25.0<br>jobs per resident                                | 238.5<br>adjusted users                         | 785,559.9<br>thousand adj sq. ft.                          | 0.0<br>thousand adj daily tons | 0.0<br>adj. buffer time index          | 318.0<br>adjusted points         | 2.3<br>scaled points                                     | 4,416.4<br>adjusted jobs & pop.                      |
| Normalized Measure Value (0-100)                               | 0.8                                       | 4.2                            | 9.1                                   | 1.5                                      | 0.9                        | 1.0                                                      | 1.6                                             | 2.8                                                        | 0.0                            | 0.0                                    | 1.9                              | 4.5                                                      | 3.9                                                  |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 2.5                                       |                                | 5.3                                   |                                          | 1.1                        |                                                          |                                                 | 1.7                                                        |                                |                                        | 3.2                              |                                                          | 3.9                                                  |
| Factor Weight (% of Project Score)                             | 45%                                       |                                | 5%                                    |                                          | 15%                        |                                                          |                                                 | 5%                                                         |                                |                                        | 10%                              |                                                          | 20%                                                  |
| Weighted Factor Value                                          | 1.1                                       |                                | 0.3                                   |                                          | 0.2                        |                                                          |                                                 | 0.1                                                        |                                |                                        | 0.3                              |                                                          | 0.8                                                  |
| Project Benefit                                                | 2.7                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$26,897,470                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 1.0                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

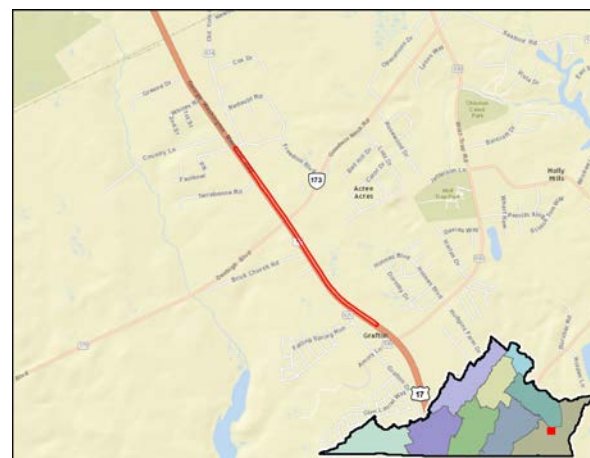
For more information on how to read a scorecard, click [here](#).

Route 17 Widening between Route 630 and Route 173

App Id: 1235

Widen Route 17 (George Washington Memorial Highway) from 4 to 6 lanes between 1.517 miles north of Route 620 (Lakeside Drive) and Route 173 (Denbigh Boulevard/Goodwin Neck Road).

Project Location..... York County  
SMART SCALE Area Type..... A  
Submitting Entity..... York County  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... Both  
VTrans Need..... Coastal Corridor CoSS  
( Click for details )



**6.6**

SMART SCALE  
SCORE

**#113** OF 404 STATEWIDE

**#20** OF 52 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$14,424,103**

Total Project Cost..... **\$17,542,603**

Project Benefit..... **9.5**

Project Benefit / Total Cost..... **5.4**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                     |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|-------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted              | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 2,174.8<br>persons                        | 449.0<br>person hrs.           | 30.2<br>EPDO                          | 228.1<br>EPDO / 100M VMT                 | 68.0<br>jobs per resident  | 65.0<br>jobs per resident                                | 0.0<br>adjusted users                           | 432,289.2<br>thousand adj sq. ft.                          | 28,199.8<br>thousand adj daily tons | 47,744,480.8<br>adj. buffer time index | 0.0<br>adjusted points           | 5.7<br>scaled points                                     | 2,013.0<br>adjusted jobs & pop.                      |
| Normalized Measure Value (0-100)                               | 21.5                                      | 13.8                           | 9.2                                   | 1.2                                      | 2.6                        | 2.5                                                      | 0.0                                             | 1.5                                                        | 1.7                                 | 3.5                                    | 0.0                              | 11.1                                                     | 1.8                                                  |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                 | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 17.6                                      |                                | 5.2                                   |                                          | 2.1                        |                                                          |                                                 | 2.0                                                        |                                     |                                        | 5.5                              |                                                          | 1.8                                                  |
| Factor Weight (% of Project Score)                             | 45%                                       |                                | 5%                                    |                                          | 15%                        |                                                          |                                                 | 5%                                                         |                                     |                                        | 10%                              |                                                          | 20%                                                  |
| Weighted Factor Value                                          | 7.9                                       |                                | 0.3                                   |                                          | 0.3                        |                                                          |                                                 | 0.1                                                        |                                     |                                        | 0.6                              |                                                          | 0.4                                                  |
| Project Benefit                                                | 9.5                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$14,424,103                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 6.6                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

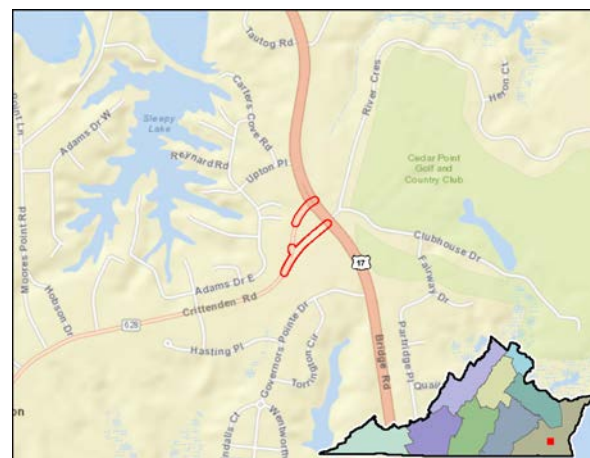
For more information on how to read a scorecard, click [here](#).

Route 17 - Crittenden Road Intersection Realignment

App Id: 1246

Realignment of Route 17 and Crittenden Road Intersection

Project Location..... Suffolk  
SMART SCALE Area Type..... A  
Submitting Entity..... Suffolk City  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... Locality  
Eligible Funding Program(s)..... Both  
VTrans Need..... Hampton Roads Regional Network  
( Click for details )



**0.7**

SMART SCALE  
SCORE

**#305** OF 404 STATEWIDE

**#35** OF 52 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$4,252,722**

Total Project Cost..... **\$4,252,722**

Project Benefit..... **0.3**

Project Benefit / Total Cost..... **0.7**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                    |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted             | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 3.0<br>persons                            | 2.9<br>person hrs.             | 2.4<br>EPDO                           | 149.1<br>EPDO / 100M VMT                 | 1.8<br>jobs per resident   | 1.9<br>jobs per resident                                 | 4.4<br>adjusted users                           | 0.0<br>thousand adj sq. ft.                                | 3,890.6<br>thousand adj daily tons | 0.0<br>adj. buffer time index          | 5.9<br>adjusted points           | 0.3<br>scaled points                                     | 1,199.5<br>adjusted jobs & pop.                      |
| Normalized Measure Value (0-100)                               | 0.0                                       | 0.1                            | 0.7                                   | 0.8                                      | 0.1                        | 0.1                                                      | 0.0                                             | 0.0                                                        | 0.2                                | 0.0                                    | 0.0                              | 0.5                                                      | 1.1                                                  |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 0.1                                       |                                | 0.8                                   |                                          | 0.1                        |                                                          |                                                 | 0.0                                                        |                                    |                                        | 0.3                              |                                                          | 1.1                                                  |
| Factor Weight (% of Project Score)                             | 45%                                       |                                | 5%                                    |                                          | 15%                        |                                                          |                                                 | 5%                                                         |                                    |                                        | 10%                              |                                                          | 20%                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.0                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                    |                                        | 0.0                              |                                                          | 0.2                                                  |
| Project Benefit                                                | 0.3                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$4,252,722                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 0.7                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |



# PROJECT SCORECARD

For more information on how to read a scorecard, click here.

Laskin Road Phase I-A

App Id: 1256

Construction of an 8-lane divided highway along Laskin Road from Republic Road to Freemac Drive and construction of a 6-lane divided highway on First Colonial Road from Laurel Lane to I-264.

Project Location..... Virginia Beach  
SMART SCALE Area Type..... A  
Submitting Entity..... Virginia Beach City  
Preliminary Engineering..... Underway  
Right of Way..... Underway  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... Both  
VTrans Need..... Southside Corridor CoSS  
( Click for details )



**6.3**

SMART SCALE  
SCORE

**#118** OF 404 STATEWIDE

**#21** OF 52 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$15,000,000**

Total Project Cost..... **\$29,000,200**

Project Benefit..... **9.4**

Project Benefit / Total Cost..... **3.3**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                     |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|-------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted              | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 210.5<br>persons                          | 453.5<br>person hrs.           | 35.4<br>EPDO                          | 211.6<br>EPDO / 100M VMT                 | 65.6<br>jobs per resident  | 59.4<br>jobs per resident                                | 1,052.3<br>adjusted users                       | 1,189,493.5<br>thousand adj sq. ft.                        | 12,036.0<br>thousand adj daily tons | 54,830,239.6<br>adj. buffer time index | 1,052.3<br>adjusted points       | 6.6<br>scaled points                                     | 22,143.3<br>adjusted jobs & pop.                     |
| Normalized Measure Value (0-100)                               | 2.1                                       | 13.9                           | 10.8                                  | 1.1                                      | 2.5                        | 2.3                                                      | 7.2                                             | 4.2                                                        | 0.7                                 | 4.0                                    | 6.1                              | 12.8                                                     | 19.6                                                 |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                 | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 8.0                                       |                                | 5.9                                   |                                          | 3.4                        |                                                          |                                                 | 3.5                                                        |                                     |                                        | 9.5                              |                                                          | 19.6                                                 |
| Factor Weight (% of Project Score)                             | 45%                                       |                                | 5%                                    |                                          | 15%                        |                                                          |                                                 | 5%                                                         |                                     |                                        | 10%                              |                                                          | 20%                                                  |
| Weighted Factor Value                                          | 3.6                                       |                                | 0.3                                   |                                          | 0.5                        |                                                          |                                                 | 0.2                                                        |                                     |                                        | 0.9                              |                                                          | 3.9                                                  |
| Project Benefit                                                | 9.4                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$15,000,000                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 6.3                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

For more information on how to read a scorecard, click [here](#).

Ironbound Road Phase 2

App Id: 1360

Roadway widening to provide dual left right turn lane onto Richmond Road (US 60) from Ironbound Road and also to widen, provide multi-use trail, and underground wiring from Middle Street to Treyburn Drive.

Project Location..... Williamsburg City  
 SMART SCALE Area Type..... A  
 Submitting Entity..... Williamsburg City  
 Preliminary Engineering..... Not Started  
 Right of Way..... Not Started  
 Construction..... Not Started  
 Expenditures to Date..... N/A  
 Key Fund Sources..... N/A  
 Administered By..... Locality  
 Eligible Funding Program(s)..... Both  
 VTrans Need..... Hampton Roads Regional Network  
 ( [Click for details](#) )



**18.1**

SMART SCALE  
SCORE

**#52**

OF 404 STATEWIDE

**#14**

OF 52 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$1,922,700**

Total Project Cost..... **\$1,922,700**

Project Benefit..... **3.5**

Project Benefit / Total Cost..... **18.1**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 16.5<br>persons                           | 6.1<br>person hrs.             | 0.3<br>EPDO                           | 33.6<br>EPDO / 100M VMT                  | 0.0<br>jobs per resident   | 0.0<br>jobs per resident                                 | 82.5<br>adjusted users                          | 1,620,917.5<br>thousand adj sq. ft.                        | 0.0<br>thousand adj daily tons | 69,977.1<br>adj. buffer time index     | 82.5<br>adjusted points          | 3.0<br>scaled points                                     | 16,411.2<br>adjusted jobs & pop.                     |
| Normalized Measure Value (0-100)                               | 0.2                                       | 0.2                            | 0.1                                   | 0.2                                      | 0.0                        | 0.0                                                      | 0.6                                             | 5.8                                                        | 0.0                            | 0.0                                    | 0.5                              | 5.8                                                      | 14.5                                                 |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 0.2                                       |                                | 0.1                                   |                                          | 0.1                        |                                                          |                                                 | 3.5                                                        |                                |                                        | 3.1                              |                                                          | 14.5                                                 |
| Factor Weight (% of Project Score)                             | 45%                                       |                                | 5%                                    |                                          | 15%                        |                                                          |                                                 | 5%                                                         |                                |                                        | 10%                              |                                                          | 20%                                                  |
| Weighted Factor Value                                          | 0.1                                       |                                | 0.0                                   |                                          | 0.0                        |                                                          |                                                 | 0.2                                                        |                                |                                        | 0.3                              |                                                          | 2.9                                                  |
| Project Benefit                                                | 3.5                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$1,922,700                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 18.1                                      |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

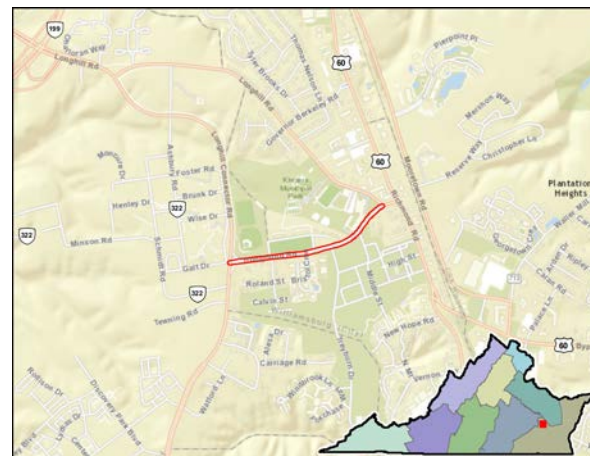
For more information on how to read a scorecard, click [here](#).

Ironbound Road Phase 3

App Id: 1361

Roadway widening from Treyburn Drive to DePue Drive and also provide multi-use trail, and underground wiring.

Project Location..... Williamsburg City  
 SMART SCALE Area Type..... A  
 Submitting Entity..... Williamsburg City  
 Preliminary Engineering..... Not Started  
 Right of Way..... Not Started  
 Construction..... Not Started  
 Expenditures to Date..... N/A  
 Key Fund Sources..... N/A  
 Administered By..... Locality  
 Eligible Funding Program(s)..... Both  
 VTrans Need..... Hampton Roads Regional Network  
 ( Click for details )



**4.6**

SMART SCALE  
SCORE

**#140** OF 404 STATEWIDE

**#24** OF 52 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$3,312,400**

Total Project Cost..... **\$3,312,400**

Project Benefit..... **1.5**

Project Benefit / Total Cost..... **4.6**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 11.9<br>persons                           | 0.0<br>person hrs.             | 2.3<br>EPDO                           | 204.7<br>EPDO / 100M VMT                 | 1.3<br>jobs per resident   | 1.3<br>jobs per resident                                 | 59.6<br>adjusted users                          | 1,293,393.8<br>thousand adj sq. ft.                        | 0.0<br>thousand adj daily tons | 926,663.2<br>adj. buffer time index    | 59.6<br>adjusted points          | 1.3<br>scaled points                                     | 6,495.2<br>adjusted jobs & pop.                      |
| Normalized Measure Value (0-100)                               | 0.1                                       | 0.0                            | 0.7                                   | 1.1                                      | 0.0                        | 0.0                                                      | 0.4                                             | 4.6                                                        | 0.0                            | 0.1                                    | 0.3                              | 2.5                                                      | 5.7                                                  |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 0.1                                       |                                | 0.9                                   |                                          | 0.1                        |                                                          |                                                 | 2.8                                                        |                                |                                        | 1.4                              |                                                          | 5.7                                                  |
| Factor Weight (% of Project Score)                             | 45%                                       |                                | 5%                                    |                                          | 15%                        |                                                          |                                                 | 5%                                                         |                                |                                        | 10%                              |                                                          | 20%                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.0                                   |                                          | 0.0                        |                                                          |                                                 | 0.1                                                        |                                |                                        | 0.1                              |                                                          | 1.1                                                  |
| Project Benefit                                                | 1.5                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$3,312,400                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 4.6                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |



# PROJECT SCORECARD

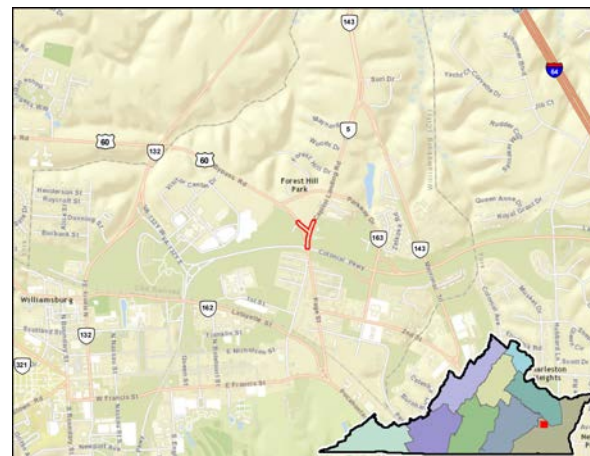
For more information on how to read a scorecard, click here.

Capitol Landing Road at Bypass Road Intersection

App Id: 1362

Reconstruct intersection to conventional tee with new traffic signal.

Project Location..... Williamsburg City  
SMART SCALE Area Type..... A  
Submitting Entity..... Williamsburg City  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... Locality  
Eligible Funding Program(s)..... Both  
VTrans Need..... Hampton Roads Regional Network  
( Click for details )



**7.4**

SMART SCALE  
SCORE

**#99**

OF 404 STATEWIDE

**#19**

OF 52 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$2,144,760**

Total Project Cost..... **\$2,144,760**

Project Benefit..... **1.6**

Project Benefit / Total Cost..... **7.4**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 86.4<br>persons                           | 26.5<br>person hrs.            | 6.8<br>EPDO                           | 1,351.6<br>EPDO / 100M VMT               | 0.0<br>jobs per resident   | 0.0<br>jobs per resident                                 | 27.0<br>adjusted users                          | 675,053.5<br>thousand adj sq. ft.                          | 0.0<br>thousand adj daily tons | 0.0<br>adj. buffer time index          | 16.2<br>adjusted points          | 1.2<br>scaled points                                     | 4,460.9<br>adjusted jobs & pop.                      |
| Normalized Measure Value (0-100)                               | 0.9                                       | 0.8                            | 2.1                                   | 7.0                                      | 0.0                        | 0.0                                                      | 0.2                                             | 2.4                                                        | 0.0                            | 0.0                                    | 0.1                              | 2.4                                                      | 3.9                                                  |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 0.8                                       |                                | 4.5                                   |                                          | 0.0                        |                                                          |                                                 | 1.4                                                        |                                |                                        | 1.2                              |                                                          | 3.9                                                  |
| Factor Weight (% of Project Score)                             | 45%                                       |                                | 5%                                    |                                          | 15%                        |                                                          |                                                 | 5%                                                         |                                |                                        | 10%                              |                                                          | 20%                                                  |
| Weighted Factor Value                                          | 0.4                                       |                                | 0.2                                   |                                          | 0.0                        |                                                          |                                                 | 0.1                                                        |                                |                                        | 0.1                              |                                                          | 0.8                                                  |
| Project Benefit                                                | 1.6                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$2,144,760                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 7.4                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |



# PROJECT SCORECARD

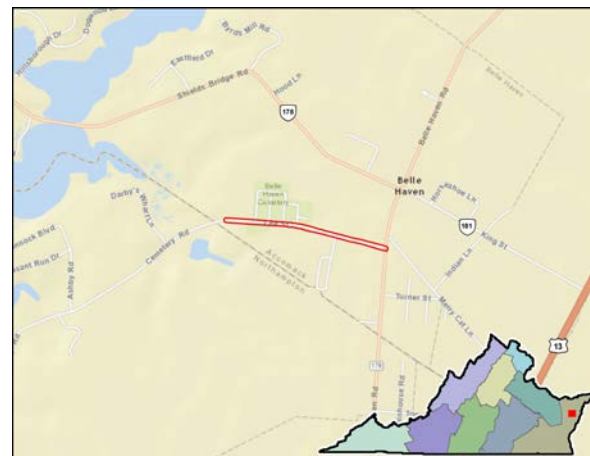
For more information on how to read a scorecard, click [here](#).

Route 602 Lee Street/Cemetery Road- Accomack County

App Id: 1389

Reconstruction of Accomack County section of Route 602 (Lee Street/Cemetery Road) to include grading, paving, drainage, incidentals and geometric improvements.

Project Location..... Accomack County  
SMART SCALE Area Type..... D  
Submitting Entity..... Accomack County  
Preliminary Engineering..... Underway  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... \$93,592  
Key Fund Sources..... Fed-State Disc  
Administered By..... VDOT  
Eligible Funding Program(s)..... District Grant  
VTrans Need..... Safety: Geometric Issue  
( [Click for details](#) )



**1.6**

SMART SCALE  
SCORE

**#251** OF 404 STATEWIDE

**#27** OF 52 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$3,086,180**

Total Project Cost..... **\$3,992,306**

Project Benefit..... **0.5**

Project Benefit / Total Cost..... **1.2**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                  |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|----------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted           | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 0.0<br>persons                            | 0.0<br>person hrs.             | 0.5<br>EPDO                           | 227.5<br>EPDO / 100M VMT                 | 0.0<br>jobs per resident   | 0.0<br>jobs per resident                                 | 0.0<br>adjusted users                           | 320,670.0<br>thousand adj sq. ft.                          | 137.5<br>thousand adj daily tons | 0.0<br>adj. buffer time index          | 0.0<br>adjusted points           | 0.4<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.0                                       | 0.0                            | 0.2                                   | 1.2                                      | 0.0                        | 0.0                                                      | 0.0                                             | 1.1                                                        | 0.0                              | 0.0                                    | 0.0                              | 0.8                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                              | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.0                                       |                                | 0.7                                   |                                          | 0.0                        |                                                          |                                                 | 0.7                                                        |                                  |                                        | 0.4                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 10%                                       |                                | 30%                                   |                                          | 15%                        |                                                          |                                                 | 35%                                                        |                                  |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.2                                   |                                          | 0.0                        |                                                          |                                                 | 0.2                                                        |                                  |                                        | 0.0                              |                                                          |                                                      |
| Project Benefit                                                | 0.5                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                  |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$3,086,180                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                  |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 1.6                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                  |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

For more information on how to read a scorecard, click [here](#).

Route 13, Route 2702 & Route 695 Temperanceville/Saxis Road

App Id: 1393

Close Temperanceville Road access to Route 13. Install traffic signal. Speed Reduction measures. Dynamic intersection warning signs, lengthen turn lanes, high friction surface treatment.

Project Location..... Accomack County  
SMART SCALE Area Type..... D  
Submitting Entity..... Accomack County  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... District Grant  
VTrans Need..... Safety: Corridor Study  
( Click for details )



**59.9**

SMART SCALE  
SCORE

**#15**

OF 404 STATEWIDE

**#6**

OF 52 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$2,065,456**

Total Project Cost..... **\$2,065,456**

Project Benefit..... **12.4**

Project Benefit / Total Cost..... **59.9**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 29.9<br>persons                           | 16.8<br>person hrs.            | 108.2<br>EPDO                         | 8,149.3<br>EPDO / 100M VMT               | 0.0<br>jobs per resident   | 0.0<br>jobs per resident                                 | 0.0<br>adjusted users                           | 42,000.0<br>thousand adj sq. ft.                           | 0.0<br>thousand adj daily tons | 1,226,817.2<br>adj. buffer time index  | 0.0<br>adjusted points           | 10.5<br>scaled points                                    | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.3                                       | 0.5                            | 32.9                                  | 42.2                                     | 0.0                        | 0.0                                                      | 0.0                                             | 0.1                                                        | 0.0                            | 0.1                                    | 0.0                              | 20.3                                                     |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.4                                       |                                | 37.6                                  |                                          | 0.0                        |                                                          |                                                 | 0.1                                                        |                                |                                        | 10.2                             |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 10%                                       |                                | 30%                                   |                                          | 15%                        |                                                          |                                                 | 35%                                                        |                                |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 11.3                                  |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 1.0                              |                                                          |                                                      |
| Project Benefit                                                | 12.4                                      |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$2,065,456                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 59.9                                      |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

For more information on how to read a scorecard, click [here](#).

Route 13 Industrial Park Traffic Light

App Id: 1395

Installation of Traffic Light at intersection of Industrial Park and Route 13 - Lankford Highway. Intersection Upgrades - lengthen Northbound left turn and widen Southbound right turn & close median crossover.

Project Location..... Accomack County  
SMART SCALE Area Type..... D  
Submitting Entity..... Accomack County  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... District Grant  
VTrans Need..... Safety: Signal Warrant Study  
( [Click for details](#) )



**11.2**

SMART SCALE  
SCORE

**#68**

OF 404 STATEWIDE

**#17**

OF 52 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$846,676**

Total Project Cost..... **\$846,676**

Project Benefit..... **0.9**

Project Benefit / Total Cost..... **11.2**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 0.0<br>persons                            | 1.3<br>person hrs.             | 3.5<br>EPDO                           | 129.3<br>EPDO / 100M VMT                 | 0.0<br>jobs per resident   | 0.0<br>jobs per resident                                 | 0.0<br>adjusted users                           | 758,064.4<br>thousand adj sq. ft.                          | 0.0<br>thousand adj daily tons | 731,200.9<br>adj. buffer time index    | 125.2<br>adjusted points         | 0.8<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.0                                       | 0.0                            | 1.1                                   | 0.7                                      | 0.0                        | 0.0                                                      | 0.0                                             | 2.7                                                        | 0.0                            | 0.1                                    | 0.7                              | 1.6                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.0                                       |                                | 0.9                                   |                                          | 0.0                        |                                                          |                                                 | 1.6                                                        |                                |                                        | 1.2                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 10%                                       |                                | 30%                                   |                                          | 15%                        |                                                          |                                                 | 35%                                                        |                                |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.3                                   |                                          | 0.0                        |                                                          |                                                 | 0.6                                                        |                                |                                        | 0.1                              |                                                          |                                                      |
| Project Benefit                                                | 0.9                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$846,676                                 |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 11.2                                      |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

For more information on how to read a scorecard, click [here](#).

Route 13 & Route 175 Chincoteague Road

App Id: 1400

Intersection of Rt13 and Rt175 Chincoteague Road. Install wider edge lines, install safety edge treatment, install center line, shoulder rumble strips, curve warning signage, slope flattening, widen paved shoulder.

Project Location..... Accomack County  
SMART SCALE Area Type..... D  
Submitting Entity..... Accomack County  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... District Grant  
VTrans Need..... Safety: Corridor Study  
( Click for details )



**31.8**

SMART SCALE  
SCORE

**#32**

OF 404 STATEWIDE

**#12**

OF 52 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$779,156**

Total Project Cost..... **\$779,156**

Project Benefit..... **2.5**

Project Benefit / Total Cost..... **31.8**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 0.0<br>persons                            | 0.0<br>person hrs.             | 38.0<br>EPDO                          | 696.3<br>EPDO / 100M VMT                 | 0.0<br>jobs per resident   | 0.0<br>jobs per resident                                 | 0.0<br>adjusted users                           | 0.0<br>thousand adj sq. ft.                                | 0.0<br>thousand adj daily tons | 4,889,838.6<br>adj. buffer time index  | 0.0<br>adjusted points           | 1.8<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.0                                       | 0.0                            | 11.6                                  | 3.6                                      | 0.0                        | 0.0                                                      | 0.0                                             | 0.0                                                        | 0.0                            | 0.4                                    | 0.0                              | 3.5                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.0                                       |                                | 7.6                                   |                                          | 0.0                        |                                                          |                                                 | 0.1                                                        |                                |                                        | 1.8                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 10%                                       |                                | 30%                                   |                                          | 15%                        |                                                          |                                                 | 35%                                                        |                                |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 2.3                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.2                              |                                                          |                                                      |
| Project Benefit                                                | 2.5                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$779,156                                 |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 31.8                                      |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |



# PROJECT SCORECARD

For more information on how to read a scorecard, click [here](#).

Cemetery Road - Northampton County

App Id: 1418

Reconstruction of a portion of State Route 602. Joint project with Accomack County, VA.

Project Location..... Northampton County  
SMART SCALE Area Type..... D  
Submitting Entity..... Northampton County  
Preliminary Engineering..... Underway  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... \$121,416  
Key Fund Sources..... Fed-State Disc  
Administered By..... VDOT  
Eligible Funding Program(s)..... District Grant  
VTrans Need..... Safety: Geometric Issue  
( [Click for details](#) )



**0.2**

SMART SCALE  
SCORE

**#376** OF 404 STATEWIDE

**#47** OF 52 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$5,642,700**

Total Project Cost..... **\$6,290,724**

Project Benefit..... **0.1**

Project Benefit / Total Cost..... **0.2**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                 |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|---------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted          | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 0.0<br>persons                            | 0.0<br>person hrs.             | 0.5<br>EPDO                           | 107.5<br>EPDO / 100M VMT                 | 0.0<br>jobs per resident   | 0.0<br>jobs per resident                                 | 0.0<br>adjusted users                           | 0.0<br>thousand adj sq. ft.                                | 51.6<br>thousand adj daily tons | 1,584,310.5<br>adj. buffer time index  | 0.0<br>adjusted points           | 0.1<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.0                                       | 0.0                            | 0.2                                   | 0.6                                      | 0.0                        | 0.0                                                      | 0.0                                             | 0.0                                                        | 0.0                             | 0.1                                    | 0.0                              | 0.2                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                             | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.0                                       |                                | 0.4                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                 |                                        | 0.1                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 10%                                       |                                | 30%                                   |                                          | 15%                        |                                                          |                                                 | 35%                                                        |                                 |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.1                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                 |                                        | 0.0                              |                                                          |                                                      |
| Project Benefit                                                | 0.1                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                 |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$5,642,700                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                 |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 0.2                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                 |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

For more information on how to read a scorecard, click [here](#).

Stone Road - Northampton County

App Id: 1419

Improvements to Stone Road/US Route 13 Intersection and to Nearby Shopping Center

Project Location..... Northampton County  
SMART SCALE Area Type..... D  
Submitting Entity..... Northampton County  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... District Grant  
VTrans Need..... Safety: PSI Data and Geometric Issue  
( [Click for details](#) )



**47.6**

SMART SCALE  
SCORE

**#17**

OF 404 STATEWIDE

**#7**

OF 52 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$1,739,812**

Total Project Cost..... **\$1,739,812**

Project Benefit..... **8.3**

Project Benefit / Total Cost..... **47.6**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 0.0<br>persons                            | 0.0<br>person hrs.             | 68.0<br>EPDO                          | 5,778.1<br>EPDO / 100M VMT               | 0.0<br>jobs per resident   | 0.0<br>jobs per resident                                 | 0.0<br>adjusted users                           | 0.0<br>thousand adj sq. ft.                                | 0.0<br>thousand adj daily tons | 587,891.8<br>adj. buffer time index    | 0.0<br>adjusted points           | 7.0<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.0                                       | 0.0                            | 20.7                                  | 29.9                                     | 0.0                        | 0.0                                                      | 0.0                                             | 0.0                                                        | 0.0                            | 0.0                                    | 0.0                              | 13.6                                                     |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.0                                       |                                | 25.3                                  |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 6.8                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 10%                                       |                                | 30%                                   |                                          | 15%                        |                                                          |                                                 | 35%                                                        |                                |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 7.6                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.7                              |                                                          |                                                      |
| Project Benefit                                                | 8.3                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$1,739,812                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 47.6                                      |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

For more information on how to read a scorecard, click [here](#).

Eyrehall Drive - Northampton County

App Id: 1421

Improvements to the Eyrehall Drive/Cobb Station Road Intersection

Project Location..... Northampton County  
 SMART SCALE Area Type..... D  
 Submitting Entity..... Northampton County  
 Preliminary Engineering..... Not Started  
 Right of Way..... Not Started  
 Construction..... Not Started  
 Expenditures to Date..... N/A  
 Key Fund Sources..... N/A  
 Administered By..... VDOT  
 Eligible Funding Program(s)..... Both  
 VTrans Need..... Eastern Shore Corridor CoSS  
 ( Click for details )



**0.5**

SMART SCALE  
SCORE

**#341** OF 404 STATEWIDE

**#40** OF 52 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$1,616,600**

Total Project Cost..... **\$1,616,600**

Project Benefit..... **0.1**

Project Benefit / Total Cost..... **0.5**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 0.0<br>persons                            | 0.4<br>person hrs.             | 0.7<br>EPDO                           | 48.5<br>EPDO / 100M VMT                  | 0.0<br>jobs per resident   | 0.0<br>jobs per resident                                 | 0.0<br>adjusted users                           | 0.0<br>thousand adj sq. ft.                                | 0.0<br>thousand adj daily tons | 115,395.0<br>adj. buffer time index    | 0.0<br>adjusted points           | 0.1<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.0                                       | 0.0                            | 0.2                                   | 0.3                                      | 0.0                        | 0.0                                                      | 0.0                                             | 0.0                                                        | 0.0                            | 0.0                                    | 0.0                              | 0.1                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.0                                       |                                | 0.2                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.1                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 10%                                       |                                | 30%                                   |                                          | 15%                        |                                                          |                                                 | 35%                                                        |                                |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.1                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.0                              |                                                          |                                                      |
| Project Benefit                                                | 0.1                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$1,616,600                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 0.5                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

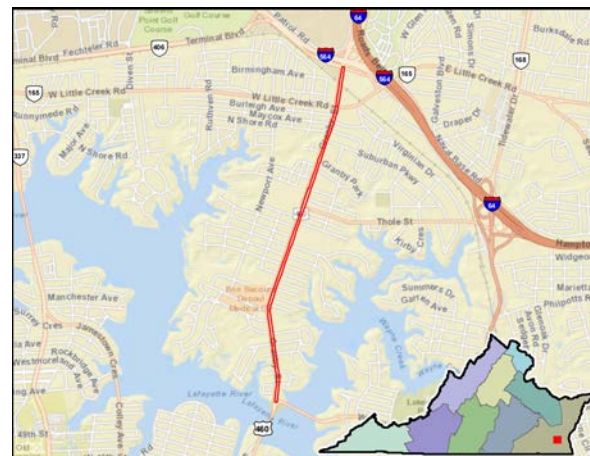
For more information on how to read a scorecard, click [here](#).

Granby Street Bike Lanes

App Id: 1440

New bike lanes along a 2-mile stretch of Granby Street, providing access to businesses and transit.

Project Location..... Norfolk  
 SMART SCALE Area Type..... A  
 Submitting Entity..... Norfolk City  
 Preliminary Engineering..... Not Started  
 Right of Way..... Not Needed  
 Construction..... Not Started  
 Expenditures to Date..... N/A  
 Key Fund Sources..... N/A  
 Administered By..... Locality  
 Eligible Funding Program(s)..... Both  
 VTrans Need..... Hampton Roads Regional Network  
 ( Click for details )



|                                     |                              |
|-------------------------------------|------------------------------|
| <b>76.7</b><br>SMART SCALE<br>SCORE | <b>#11</b> OF 404 STATEWIDE  |
|                                     | <b>#4</b> OF 52 DISTRICTWIDE |

SMART SCALE Requested Funds..... **\$822,000**

Total Project Cost..... **\$822,000**

Project Benefit..... **6.3**

Project Benefit / Total Cost..... **76.7**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 29.6<br>persons                           | 0.0<br>person hrs.             | 143.6<br>EPDO                         | 569.7<br>EPDO / 100M VMT                 | 0.0<br>jobs per resident   | 0.0<br>jobs per resident                                 | 147.8<br>adjusted users                         | 262,500.0<br>thousand adj sq. ft.                          | 0.0<br>thousand adj daily tons | 0.0<br>adj. buffer time index          | 147.8<br>adjusted points         | 5.2<br>scaled points                                     | 25,280.6<br>adjusted jobs & pop.                     |
| Normalized Measure Value (0-100)                               | 0.3                                       | 0.0                            | 43.7                                  | 2.9                                      | 0.0                        | 0.0                                                      | 1.0                                             | 0.9                                                        | 0.0                            | 0.0                                    | 0.9                              | 10.1                                                     | 22.3                                                 |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 0.1                                       |                                | 23.3                                  |                                          | 0.2                        |                                                          |                                                 | 0.6                                                        |                                |                                        | 5.5                              |                                                          | 22.3                                                 |
| Factor Weight (% of Project Score)                             | 45%                                       |                                | 5%                                    |                                          | 15%                        |                                                          |                                                 | 5%                                                         |                                |                                        | 10%                              |                                                          | 20%                                                  |
| Weighted Factor Value                                          | 0.1                                       |                                | 1.2                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.5                              |                                                          | 4.5                                                  |
| Project Benefit                                                | 6.3                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$822,000                                 |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 76.7                                      |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |



# PROJECT SCORECARD

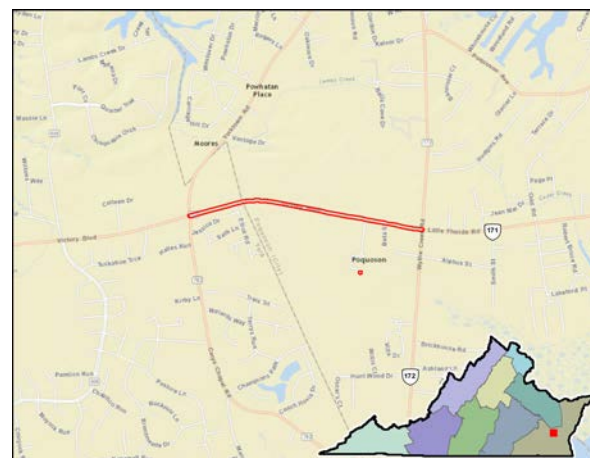
For more information on how to read a scorecard, click [here](#).

Route 171 (Victory Boulevard) Widening: Poquoson Segment

App Id: 1442

Widen Rte. 171, Victory Boulevard from 2 to 4 lanes, divided, between its intersections with Carys Chapel Rd and Rte. 172. Project includes constructing a shared use path, 2 charging stations and 10 park/ride spaces.

Project Location..... Poquoson  
SMART SCALE Area Type..... A  
Submitting Entity..... Poquoson City  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... Both  
VTrans Need..... Hampton Roads Regional Network  
( [Click for details](#) )



**1.1**

SMART SCALE  
SCORE

**#277** OF 404 STATEWIDE

**#30** OF 52 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$24,628,110**

Total Project Cost..... **\$24,628,110**

Project Benefit..... **2.6**

Project Benefit / Total Cost..... **1.1**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 23.9<br>persons                           | 1.3<br>person hrs.             | 19.7<br>EPDO                          | 2.0<br>EPDO / 100M VMT                   | 0.9<br>jobs per resident   | 0.9<br>jobs per resident                                 | 119.4<br>adjusted users                         | 804,440.0<br>thousand adj sq. ft.                          | 0.0<br>thousand adj daily tons | 36,894,813.2<br>adj. buffer time index | 155.2<br>adjusted points         | 2.1<br>scaled points                                     | 11,316.8<br>adjusted jobs & pop.                     |
| Normalized Measure Value (0-100)                               | 0.2                                       | 0.0                            | 6.0                                   | 0.0                                      | 0.0                        | 0.0                                                      | 0.8                                             | 2.9                                                        | 0.0                            | 2.7                                    | 0.9                              | 4.2                                                      | 10.0                                                 |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 0.1                                       |                                | 3.0                                   |                                          | 0.2                        |                                                          |                                                 | 2.3                                                        |                                |                                        | 2.5                              |                                                          | 10.0                                                 |
| Factor Weight (% of Project Score)                             | 45%                                       |                                | 5%                                    |                                          | 15%                        |                                                          |                                                 | 5%                                                         |                                |                                        | 10%                              |                                                          | 20%                                                  |
| Weighted Factor Value                                          | 0.1                                       |                                | 0.1                                   |                                          | 0.0                        |                                                          |                                                 | 0.1                                                        |                                |                                        | 0.3                              |                                                          | 2.0                                                  |
| Project Benefit                                                | 2.6                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$24,628,110                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 1.1                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

For more information on how to read a scorecard, click [here](#).

Skiffes Creek Connector

App Id: 1453

The Skiffes Creek Connector will provide a new 0.95-mile 2-lane connector from Rt 60 to Rt 143 in the vicinity of the GreenMount Industrial Park in James City County. Improvements also include two bridges and traffic signals at the new intersections.

Project Location..... James City County  
SMART SCALE Area Type..... A  
Submitting Entity..... James City County  
Preliminary Engineering..... Underway  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... \$309,720  
Key Fund Sources..... MPO  
Administered By..... VDOT  
Eligible Funding Program(s)..... Both  
VTrans Need..... East-West CoSS  
( Click for details )



**80.7**

SMART SCALE  
SCORE

**#9**

OF 404 STATEWIDE

**#3**

OF 52 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$1,544,766**

Total Project Cost..... **\$50,503,700**

Project Benefit..... **12.5**

Project Benefit / Total Cost..... **2.5**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                     |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|-------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted              | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 2,139.4<br>persons                        | 619.0<br>person hrs.           | 24.9<br>EPDO                          | 33.4<br>EPDO / 100M VMT                  | 67.5<br>jobs per resident  | 69.0<br>jobs per resident                                | 42.0<br>adjusted users                          | 10,446,267.5<br>thousand adj sq. ft.                       | 21,645.4<br>thousand adj daily tons | 6,058,085.6<br>adj. buffer time index  | 319.6<br>adjusted points         | 9.3<br>scaled points                                     | 4,538.2<br>adjusted jobs & pop.                      |
| Normalized Measure Value (0-100)                               | 21.1                                      | 19.0                           | 7.6                                   | 0.2                                      | 2.6                        | 2.6                                                      | 0.3                                             | 37.1                                                       | 1.3                                 | 0.4                                    | 1.9                              | 18.0                                                     | 4.0                                                  |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                 | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 20.1                                      |                                | 3.9                                   |                                          | 2.1                        |                                                          |                                                 | 22.6                                                       |                                     |                                        | 9.9                              |                                                          | 4.0                                                  |
| Factor Weight (% of Project Score)                             | 45%                                       |                                | 5%                                    |                                          | 15%                        |                                                          |                                                 | 5%                                                         |                                     |                                        | 10%                              |                                                          | 20%                                                  |
| Weighted Factor Value                                          | 9.0                                       |                                | 0.2                                   |                                          | 0.3                        |                                                          |                                                 | 1.1                                                        |                                     |                                        | 1.0                              |                                                          | 0.8                                                  |
| Project Benefit                                                | 12.5                                      |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$1,544,766                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 80.7                                      |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

For more information on how to read a scorecard, click here.

Intersection of Colonial Trail East and Route 617

App Id: 1489

Intersection Improvements Colonial Trail East/Bacon's Castle Trail/White Marsh Road

Project Location..... Surry County  
SMART SCALE Area Type..... D  
Submitting Entity..... Surry County  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... District Grant  
VTrans Need..... Safety: Crash History and Geometric Issue  
( Click for details )



**1.5**

SMART SCALE  
SCORE

**#256** OF 404 STATEWIDE

**#28** OF 52 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$6,017,450**

Total Project Cost..... **\$6,017,450**

Project Benefit..... **0.9**

Project Benefit / Total Cost..... **1.5**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 0.0<br>persons                            | 0.1<br>person hrs.             | 4.8<br>EPDO                           | 771.8<br>EPDO / 100M VMT                 | 0.0<br>jobs per resident   | 0.0<br>jobs per resident                                 | 0.0<br>adjusted users                           | 0.0<br>thousand adj sq. ft.                                | 0.0<br>thousand adj daily tons | 0.0<br>adj. buffer time index          | 0.0<br>adjusted points           | 0.7<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.0                                       | 0.0                            | 1.5                                   | 4.0                                      | 0.0                        | 0.0                                                      | 0.0                                             | 0.0                                                        | 0.0                            | 0.0                                    | 0.0                              | 1.4                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.0                                       |                                | 2.7                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.7                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 10%                                       |                                | 30%                                   |                                          | 15%                        |                                                          |                                                 | 35%                                                        |                                |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.8                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.1                              |                                                          |                                                      |
| Project Benefit                                                | 0.9                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$6,017,450                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 1.5                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

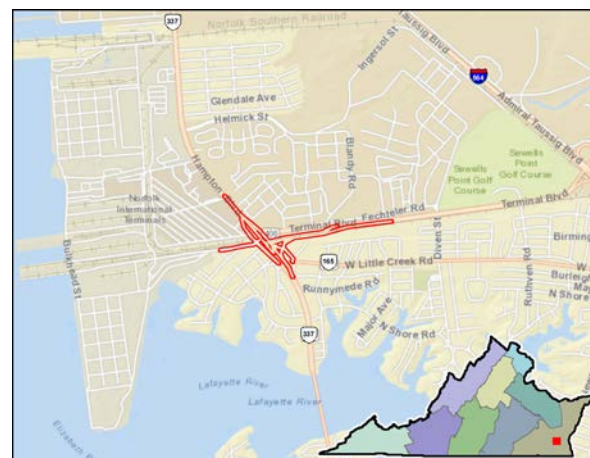
For more information on how to read a scorecard, click [here](#).

Hampton Boulevard and Terminal Boulevard Grade Separation

App Id: 1497

Grade separation intersection improvements at Hampton Boulevard and Terminal Boulevard.

Project Location..... Norfolk  
SMART SCALE Area Type..... A  
Submitting Entity..... Norfolk City  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... Both  
VTrans Need..... Hampton Roads Regional Network  
( [Click for details](#) )



**0.6**

SMART SCALE  
SCORE

**#327** OF 404 STATEWIDE

**#37** OF 52 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$175,524,000**

Total Project Cost..... **\$210,119,900**

Project Benefit..... **10.2**

Project Benefit / Total Cost..... **0.5**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                     |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|-------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted              | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 36.6<br>persons                           | 542.3<br>person hrs.           | 65.7<br>EPDO                          | 491.2<br>EPDO / 100M VMT                 | 14.0<br>jobs per resident  | 13.2<br>jobs per resident                                | 183.2<br>adjusted users                         | 7,329,272.6<br>thousand adj sq. ft.                        | 48,463.1<br>thousand adj daily tons | 11,675,702.3<br>adj. buffer time index | 279.5<br>adjusted points         | 6.6<br>scaled points                                     | 23,312.3<br>adjusted jobs & pop.                     |
| Normalized Measure Value (0-100)                               | 0.4                                       | 16.7                           | 20.0                                  | 2.5                                      | 0.5                        | 0.5                                                      | 1.3                                             | 26.0                                                       | 2.9                                 | 0.9                                    | 1.6                              | 12.8                                                     | 20.6                                                 |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                 | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 8.5                                       |                                | 11.3                                  |                                          | 0.7                        |                                                          |                                                 | 16.4                                                       |                                     |                                        | 7.2                              |                                                          | 20.6                                                 |
| Factor Weight (% of Project Score)                             | 45%                                       |                                | 5%                                    |                                          | 15%                        |                                                          |                                                 | 5%                                                         |                                     |                                        | 10%                              |                                                          | 20%                                                  |
| Weighted Factor Value                                          | 3.8                                       |                                | 0.6                                   |                                          | 0.1                        |                                                          |                                                 | 0.8                                                        |                                     |                                        | 0.7                              |                                                          | 4.1                                                  |
| Project Benefit                                                | 10.2                                      |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$175,524,000                             |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 0.6                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |



# PROJECT SCORECARD

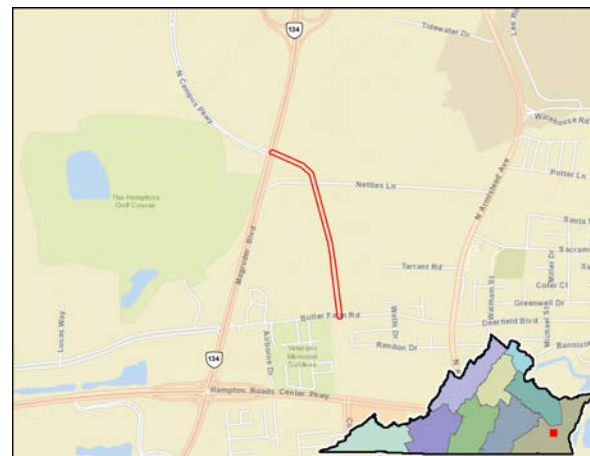
For more information on how to read a scorecard, click here.

Coliseum Drive Extension Phase B

App Id: 1502

Extension of Coliseum Drive from Butler Farm Road to the Magruder Boulevard/North Campus Parkway Intersection

Project Location..... Hampton  
SMART SCALE Area Type..... A  
Submitting Entity..... Hampton City  
Preliminary Engineering..... Underway  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... Locality  
Eligible Funding Program(s)..... Both  
VTrans Need..... Hampton Roads Regional Network  
( Click for details )



**2.8**

SMART SCALE  
SCORE

**#190** OF 404 STATEWIDE

**#25** OF 52 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$17,740,000**

Total Project Cost..... **\$17,745,432**

Project Benefit..... **5.0**

Project Benefit / Total Cost..... **2.8**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                  |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|----------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted           | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 595.1<br>persons                          | 172.0<br>person hrs.           | 5.1<br>EPDO                           | 13.9<br>EPDO / 100M VMT                  | 0.0<br>jobs per resident   | 0.0<br>jobs per resident                                 | 3.2<br>adjusted users                           | 868,804.7<br>thousand adj sq. ft.                          | 328.0<br>thousand adj daily tons | 180,450.0<br>adj. buffer time index    | 4.2<br>adjusted points           | 3.5<br>scaled points                                     | 11,222.9<br>adjusted jobs & pop.                     |
| Normalized Measure Value (0-100)                               | 5.9                                       | 5.3                            | 1.6                                   | 0.1                                      | 0.0                        | 0.0                                                      | 0.0                                             | 3.1                                                        | 0.0                              | 0.0                                    | 0.0                              | 6.9                                                      | 9.9                                                  |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                              | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 5.6                                       |                                | 0.8                                   |                                          | 0.0                        |                                                          |                                                 | 1.9                                                        |                                  |                                        | 3.4                              |                                                          | 9.9                                                  |
| Factor Weight (% of Project Score)                             | 45%                                       |                                | 5%                                    |                                          | 15%                        |                                                          |                                                 | 5%                                                         |                                  |                                        | 10%                              |                                                          | 20%                                                  |
| Weighted Factor Value                                          | 2.5                                       |                                | 0.0                                   |                                          | 0.0                        |                                                          |                                                 | 0.1                                                        |                                  |                                        | 0.3                              |                                                          | 2.0                                                  |
| Project Benefit                                                | 5.0                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                  |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$17,740,000                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                  |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 2.8                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                  |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

For more information on how to read a scorecard, click [here](#).

301 South Median Crossover Project

App Id: 1507

Realign Rt 689 and HWY 301 crossover. Install turn lanes to serve crossover.

Project Location..... Greenville County  
SMART SCALE Area Type..... D  
Submitting Entity..... Greenville County  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... Locality  
Eligible Funding Program(s)..... District Grant  
VTrans Need..... Safety: Geometric and Access Issue  
( [Click for details](#) )



**32.9**

SMART SCALE  
SCORE

**#29**

OF 404 STATEWIDE

**#10**

OF 52 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$729,480**

Total Project Cost..... **\$729,480**

Project Benefit..... **2.4**

Project Benefit / Total Cost..... **32.9**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 0.0<br>persons                            | 0.0<br>person hrs.             | 6.3<br>EPDO                           | 2,460.2<br>EPDO / 100M VMT               | 0.0<br>jobs per resident   | 0.0<br>jobs per resident                                 | 0.0<br>adjusted users                           | 0.0<br>thousand adj sq. ft.                                | 0.0<br>thousand adj daily tons | 42,628.9<br>adj. buffer time index     | 0.0<br>adjusted points           | 2.1<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.0                                       | 0.0                            | 1.9                                   | 12.7                                     | 0.0                        | 0.0                                                      | 0.0                                             | 0.0                                                        | 0.0                            | 0.0                                    | 0.0                              | 4.0                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.0                                       |                                | 7.3                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 2.0                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 10%                                       |                                | 30%                                   |                                          | 15%                        |                                                          |                                                 | 35%                                                        |                                |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 2.2                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.2                              |                                                          |                                                      |
| Project Benefit                                                | 2.4                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$729,480                                 |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 32.9                                      |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

For more information on how to read a scorecard, click [here](#).

301 N Median Crossover Project

App Id: 1509

Installation of a median crossover on US 301 and left hand turn lanes directly across from Boxer Drive.

Project Location..... Greenville County  
 SMART SCALE Area Type..... D  
 Submitting Entity..... Greenville County  
 Preliminary Engineering..... Not Started  
 Right of Way..... Not Needed  
 Construction..... Not Started  
 Expenditures to Date..... N/A  
 Key Fund Sources..... N/A  
 Administered By..... Locality  
 Eligible Funding Program(s)..... District Grant  
 VTrans Need..... Safety: Geometric and Access Issue  
 ( Click for details )



**0.0**

SMART SCALE  
SCORE

**#394** OF 404 STATEWIDE

**#52** OF 52 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$478,313**

Total Project Cost..... **\$478,313**

Project Benefit..... **0.0**

Project Benefit / Total Cost..... **0.0**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 0.0<br>persons                            | 0.0<br>person hrs.             | 0.0<br>EPDO                           | 0.0<br>EPDO / 100M VMT                   | 0.0<br>jobs per resident   | 0.0<br>jobs per resident                                 | 0.0<br>adjusted users                           | 0.0<br>thousand adj sq. ft.                                | 0.0<br>thousand adj daily tons | 146,482.3<br>adj. buffer time index    | 0.0<br>adjusted points           | 0.0<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.0                                       | 0.0                            | 0.0                                   | 0.0                                      | 0.0                        | 0.0                                                      | 0.0                                             | 0.0                                                        | 0.0                            | 0.0                                    | 0.0                              | 0.0                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.0                                       |                                | 0.0                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.0                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 10%                                       |                                | 30%                                   |                                          | 15%                        |                                                          |                                                 | 35%                                                        |                                |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.0                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.0                              |                                                          |                                                      |
| Project Benefit                                                | 0.0                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$478,313                                 |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 0.0                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

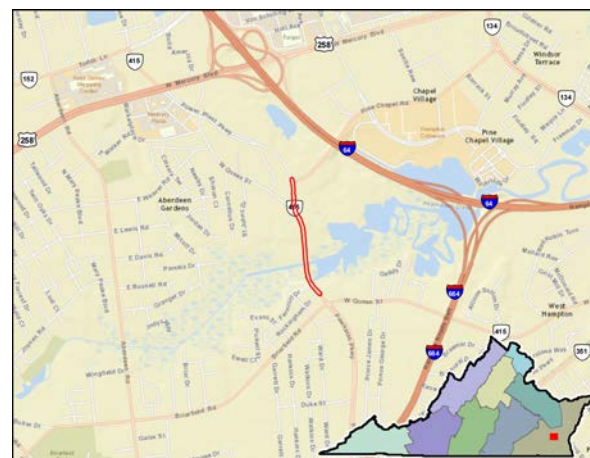
For more information on how to read a scorecard, click [here](#).

Power Plant Pkwy Sidewalks

App Id: 1512

This project provides pedestrian/ADA access and associated amenities along Power Plant Parkway between Pine Chapel Road and Briarfield Road, including improvements to pedestrian access and safety at the Pine Chapel Road intersection.

Project Location..... Hampton  
SMART SCALE Area Type..... A  
Submitting Entity..... Hampton City  
Preliminary Engineering..... Underway  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... Locality  
Eligible Funding Program(s)..... District Grant  
VTrans Need..... Coliseum Central UDA  
( Click for details )



**32.3**

SMART SCALE  
SCORE

**#31**

OF 404 STATEWIDE

**#11**

OF 52 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$749,000**

Total Project Cost..... **\$753,500**

Project Benefit..... **2.4**

Project Benefit / Total Cost..... **32.1**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 33.3<br>persons                           | 0.0<br>person hrs.             | 3.4<br>EPDO                           | 101.2<br>EPDO / 100M VMT                 | 9.6<br>jobs per resident   | 9.7<br>jobs per resident                                 | 166.4<br>adjusted users                         | 165,090.0<br>thousand adj sq. ft.                          | 0.0<br>thousand adj daily tons | 0.0<br>adj. buffer time index          | 99.8<br>adjusted points          | 2.0<br>scaled points                                     | 11,240.7<br>adjusted jobs & pop.                     |
| Normalized Measure Value (0-100)                               | 0.3                                       | 0.0                            | 1.0                                   | 0.5                                      | 0.4                        | 0.4                                                      | 1.1                                             | 0.6                                                        | 0.0                            | 0.0                                    | 0.6                              | 3.9                                                      | 9.9                                                  |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 0.2                                       |                                | 0.8                                   |                                          | 0.5                        |                                                          |                                                 | 0.4                                                        |                                |                                        | 2.3                              |                                                          | 9.9                                                  |
| Factor Weight (% of Project Score)                             | 45%                                       |                                | 5%                                    |                                          | 15%                        |                                                          |                                                 | 5%                                                         |                                |                                        | 10%                              |                                                          | 20%                                                  |
| Weighted Factor Value                                          | 0.1                                       |                                | 0.0                                   |                                          | 0.1                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.2                              |                                                          | 2.0                                                  |
| Project Benefit                                                | 2.4                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$749,000                                 |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 32.3                                      |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |



# PROJECT SCORECARD

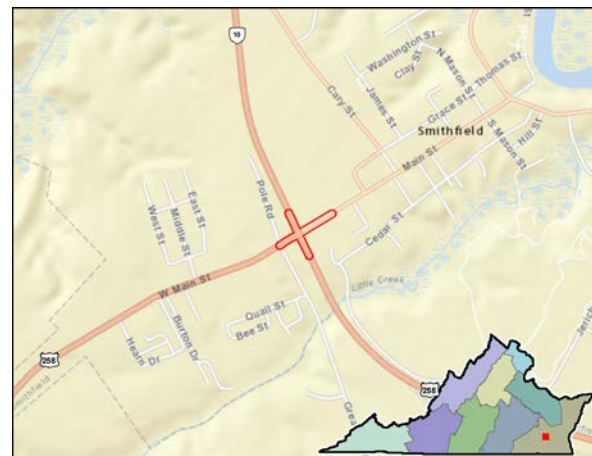
For more information on how to read a scorecard, click [here](#).

US 258/Main Street at Route 10 Intersection Improvements

App Id: 1671

This project widens Main Street through the US 258 intersection to provide an additional through lane in each direction. Additional improvements will be made to an existing Park and Ride lot and to adjacent sidewalks for this project.

Project Location..... Smithfield Town  
SMART SCALE Area Type..... A  
Submitting Entity..... Isle of Wight County  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... Locality  
Eligible Funding Program(s)..... Both  
VTrans Need..... Hampton Roads Regional Network  
( [Click for details](#) )



**0.3**

SMART SCALE  
SCORE

**#367** OF 404 STATEWIDE

**#45** OF 52 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$4,138,760**

Total Project Cost..... **\$4,138,760**

Project Benefit..... **0.1**

Project Benefit / Total Cost..... **0.3**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                    |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted             | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 8.0<br>persons                            | 4.8<br>person hrs.             | 1.0<br>EPDO                           | 63.0<br>EPDO / 100M VMT                  | 1.3<br>jobs per resident   | 1.4<br>jobs per resident                                 | 39.8<br>adjusted users                          | 0.0<br>thousand adj sq. ft.                                | 6,335.7<br>thousand adj daily tons | 962,059.5<br>adj. buffer time index    | 78.9<br>adjusted points          | 0.1<br>scaled points                                     | 0.0<br>adjusted jobs & pop.                          |
| Normalized Measure Value (0-100)                               | 0.1                                       | 0.1                            | 0.3                                   | 0.3                                      | 0.1                        | 0.1                                                      | 0.3                                             | 0.0                                                        | 0.4                                | 0.1                                    | 0.5                              | 0.2                                                      | 0.0                                                  |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 0.1                                       |                                | 0.3                                   |                                          | 0.1                        |                                                          |                                                 | 0.1                                                        |                                    |                                        | 0.3                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 45%                                       |                                | 5%                                    |                                          | 15%                        |                                                          |                                                 | 5%                                                         |                                    |                                        | 10%                              |                                                          | 20%                                                  |
| Weighted Factor Value                                          | 0.1                                       |                                | 0.0                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                    |                                        | 0.0                              |                                                          | 0.0                                                  |
| Project Benefit                                                | 0.1                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$4,138,760                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 0.3                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

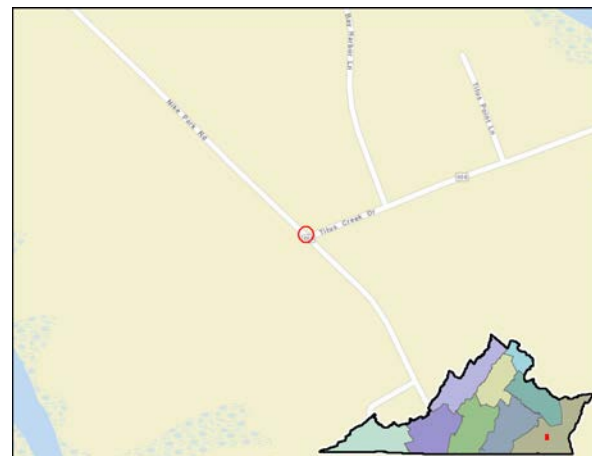
For more information on how to read a scorecard, click here.

Nike Park Road at Titus Creek Drive Intersection Improvement

App Id: 1672

This project adds dedicated left- and right-turn lanes at the intersection of Nike Park Rd at Titus Creek Drive.

Project Location..... Isle of Wight County  
 SMART SCALE Area Type..... A  
 Submitting Entity..... Isle of Wight County  
 Preliminary Engineering..... Not Started  
 Right of Way..... Not Started  
 Construction..... Not Started  
 Expenditures to Date..... N/A  
 Key Fund Sources..... N/A  
 Administered By..... Locality  
 Eligible Funding Program(s)..... Both  
 VTrans Need..... Hampton Roads Regional Network  
 ( Click for details )



**0.5**

SMART SCALE  
SCORE

**#339** OF 404 STATEWIDE

**#39** OF 52 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$3,485,320**

Total Project Cost..... **\$3,485,320**

Project Benefit..... **0.2**

Project Benefit / Total Cost..... **0.5**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 0.0<br>persons                            | 1.8<br>person hrs.             | 4.5<br>EPDO                           | 751.9<br>EPDO / 100M VMT                 | 0.0<br>jobs per resident   | 0.0<br>jobs per resident                                 | 0.0<br>adjusted users                           | 75,000.0<br>thousand adj sq. ft.                           | 0.0<br>thousand adj daily tons | 0.0<br>adj. buffer time index          | 0.0<br>adjusted points           | 0.1<br>scaled points                                     | 0.0<br>adjusted jobs & pop.                          |
| Normalized Measure Value (0-100)                               | 0.0                                       | 0.1                            | 1.4                                   | 3.9                                      | 0.0                        | 0.0                                                      | 0.0                                             | 0.3                                                        | 0.0                            | 0.0                                    | 0.0                              | 0.3                                                      | 0.0                                                  |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 0.0                                       |                                | 2.6                                   |                                          | 0.0                        |                                                          |                                                 | 0.2                                                        |                                |                                        | 0.1                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 45%                                       |                                | 5%                                    |                                          | 15%                        |                                                          |                                                 | 5%                                                         |                                |                                        | 10%                              |                                                          | 20%                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.1                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.0                              |                                                          | 0.0                                                  |
| Project Benefit                                                | 0.2                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$3,485,320                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 0.5                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

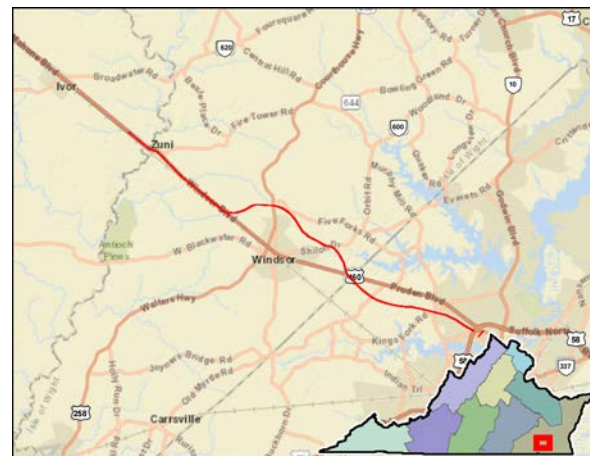
For more information on how to read a scorecard, click here.

Route 460 Project Southeast Virginia

App Id: 2260

New four-lane divided highway between Town of Windsor to the Route 460/Route 58 interchange in the City of Suffolk, improve existing roadway to Zuni (approximately 16 miles).

Project Location..... Multiple  
SMART SCALE Area Type..... A  
Submitting Entity..... CTB  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... Both  
VTrans Need..... Heartland Corridor CoSs  
( Click for details )



**0.5**

SMART SCALE  
SCORE

**#332** OF 404 STATEWIDE

**#38** OF 52 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$449,999,900**

Total Project Cost..... **\$449,999,900**

Project Benefit..... **24.4**

Project Benefit / Total Cost..... **0.5**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                      |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted               | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 3,606.9<br>persons                        | 1,495.0<br>person hrs.         | 120.4<br>EPDO                         | 46.9<br>EPDO / 100M VMT                  | 2.7<br>jobs per resident   | 2.5<br>jobs per resident                                 | 17.8<br>adjusted users                          | 14,841,506.2<br>thousand adj sq. ft.                       | 181,407.6<br>thousand adj daily tons | 63,890,546.4<br>adj. buffer time index | 5,106.0<br>adjusted points       | 15.4<br>scaled points                                    | 2,147.0<br>adjusted jobs & pop.                      |
| Normalized Measure Value (0-100)                               | 35.6                                      | 46.0                           | 36.6                                  | 0.2                                      | 0.1                        | 0.1                                                      | 0.1                                             | 52.7                                                       | 10.7                                 | 4.7                                    | 29.8                             | 30.0                                                     | 1.9                                                  |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                  | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 40.8                                      |                                | 18.4                                  |                                          | 0.1                        |                                                          |                                                 | 34.7                                                       |                                      |                                        | 29.9                             |                                                          | 1.9                                                  |
| Factor Weight (% of Project Score)                             | 45%                                       |                                | 5%                                    |                                          | 15%                        |                                                          |                                                 | 5%                                                         |                                      |                                        | 10%                              |                                                          | 20%                                                  |
| Weighted Factor Value                                          | 18.4                                      |                                | 0.9                                   |                                          | 0.0                        |                                                          |                                                 | 1.7                                                        |                                      |                                        | 3.0                              |                                                          | 0.4                                                  |
| Project Benefit                                                | 24.4                                      |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                      |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$449,999,900                             |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                      |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 0.5                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                      |                                        |                                  |                                                          |                                                      |

## LYNCHBURG DISTRICT



## LYNCHBURG DISTRICT

| App # | Project Name                                                | District Rank | State Rank | Smart Score | Page # |
|-------|-------------------------------------------------------------|---------------|------------|-------------|--------|
| 1371  | Arnett Boulevard Improvements                               | 1             | 7          | 91.4        | 05-16  |
| 1087  | US 460/VA 626 Intersection (Prospect)                       | 2             | 10         | 79.6        | 05-02  |
| 1448  | Route 29/151 Safety Improvement                             | 3             | 33         | 31.4        | 05-18  |
| 1347  | Mt. Cross Rd./Whitmell School Rd. Intersection Improvements | 4             | 86         | 8.8         | 05-11  |
| 1054  | Route 15 & 360 Roundabout                                   | 5             | 87         | 8.7         | 05-01  |
| 1676  | Columbia Road (690) and Cartersville Road (45)              | 6             | 109        | 6.9         | 05-27  |
| 1495  | Old Courthouse Road Improvement Project                     | 7             | 129        | 5.6         | 05-23  |
| 1370  | Kentuck Road Improvements                                   | 8             | 149        | 3.8         | 05-15  |
| 1136  | US 501/Route 628 Intersection                               | 9             | 156        | 3.6         | 05-04  |
| 1354  | Mount Cross Road/Mill Creek Road Safety Improvements        | 10            | 161        | 3.5         | 05-12  |
| 1500  | Berry Hill Road Improvements                                | 11            | 186        | 2.9         | 05-25  |
| 1483  | RTE 221 - INTERSECTION IMPROVEMENTS.                        | 12            | 215        | 2.2         | 05-21  |
| 1357  | Route 29 Access Management                                  | 13            | 222        | 2.1         | 05-13  |
| 1283  | Route 501 Passing Lanes                                     | 14            | 236        | 1.9         | 05-10  |
| 1417  | South Main/Milnwood Road Intersection Safety Improvements   | 15            | 237        | 1.8         | 05-17  |
| 1155  | Route 751 Improvements                                      | 16            | 240        | 1.7         | 05-06  |
| 1261  | Lynch Mill / Clarion Road Intersection Improvements         | 17            | 247        | 1.6         | 05-08  |
| 1142  | US 58/Route 751 Intersection                                | 18            | 262        | 1.4         | 05-05  |
| 1281  | Route 622, Lynbrook Road                                    | 19            | 263        | 1.3         | 05-09  |
| 1358  | Route 6/151 Intersection                                    | 20            | 267        | 1.2         | 05-14  |
| 1499  | Route 40 and McBride Lane Intersection Improvements         | 21            | 317        | 0.7         | 05-24  |
| 1492  | Town of Halifax                                             | 22            | 319        | 0.6         | 05-22  |
| 1460  | Rt.15 Southbound at Rt. 617 (Gravel Hill Rd.)               | 23            | 333        | 0.5         | 05-19  |
| 1681  | Route 60 and Route 13 Intersection Improvement              | 24            | 347        | 0.4         | 05-28  |
| 1611  | Hamilton Blvd. Corridor Improvements                        | 25            | 363        | 0.3         | 05-26  |
| 1482  | Route 29 Median Barrier Replacement                         | 26            | 382        | 0.2         | 05-20  |
| 1259  | Altavista Elementary School Transportation Improvements     | 27            | 392        | 0           | 05-07  |
| 1134  | US 460 Interchange                                          | 28            | 400        | 0           | 05-03  |

# PROJECT SCORECARD

For more information on how to read a scorecard, click [here](#).

Route 15 & 360 Roundabout

App Id: 1054

Safety improvements at the U.S. 360 and 15 Intersection to include roundabout concept.

Project Location..... Charlotte County  
 SMART SCALE Area Type..... D  
 Submitting Entity..... Charlotte County  
 Preliminary Engineering..... Not Started  
 Right of Way..... Not Started  
 Construction..... Not Started  
 Expenditures to Date..... N/A  
 Key Fund Sources..... N/A  
 Administered By..... VDOT  
 Eligible Funding Program(s)..... District Grant  
 VTrans Need..... Safety: Crash History and Geometric Issue  
 (Click for details)



**8.7**

SMART SCALE  
SCORE

**#87**

OF 404 STATEWIDE

**#5**

OF 28 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$7,514,634**

Total Project Cost..... **\$7,514,634**

Project Benefit..... **6.6**

Project Benefit / Total Cost..... **8.7**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 0.0<br>persons                            | 1.1<br>person hrs.             | 10.4<br>EPDO                          | 3,678.3<br>EPDO / 100M VMT               | 0.0<br>jobs per resident   | 0.0<br>jobs per resident                                 | 0.0<br>adjusted users                           | 3,628,350.0<br>thousand adj sq. ft.                        | 0.0<br>thousand adj daily tons | 23,891.7<br>adj. buffer time index     | 0.0<br>adjusted points           | 5.4<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.0                                       | 0.0                            | 3.2                                   | 19.0                                     | 0.0                        | 0.0                                                      | 0.0                                             | 12.9                                                       | 0.0                            | 0.0                                    | 0.0                              | 10.4                                                     |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.0                                       |                                | 11.1                                  |                                          | 0.0                        |                                                          |                                                 | 7.7                                                        |                                |                                        | 5.2                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 10%                                       |                                | 30%                                   |                                          | 15%                        |                                                          |                                                 | 35%                                                        |                                |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 3.3                                   |                                          | 0.0                        |                                                          |                                                 | 2.7                                                        |                                |                                        | 0.5                              |                                                          |                                                      |
| Project Benefit                                                | 6.6                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$7,514,634                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 8.7                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

For more information on how to read a scorecard, click [here](#).

US 460/VA 626 Intersection (Prospect)

App Id: 1087

Intersection improvements to install dynamic flashers to improve safety. This is the main intersection at Prospect and has been recommended by VDOT staff for a number of years for "Safety Improvements" and has a high accident history.

Project Location..... Prince Edward County  
SMART SCALE Area Type..... D  
Submitting Entity..... Prince Edward County  
Preliminary Engineering..... Not Started  
Right of Way..... Not Needed  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... Both  
VTrans Need..... Heartland Corridor CoSS  
( Click for details )



**79.6**

SMART SCALE  
SCORE

**#10**

OF 404 STATEWIDE

**#2**

OF 28 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$216,955**

Total Project Cost..... **\$216,955**

Project Benefit..... **1.7**

Project Benefit / Total Cost..... **79.6**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 0.0<br>persons                            | 0.0<br>person hrs.             | 6.0<br>EPDO                           | 1,708.2<br>EPDO / 100M VMT               | 0.0<br>jobs per resident   | 0.0<br>jobs per resident                                 | 0.0<br>adjusted users                           | 0.0<br>thousand adj sq. ft.                                | 0.0<br>thousand adj daily tons | 17,416.4<br>adj. buffer time index     | 0.0<br>adjusted points           | 1.3<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.0                                       | 0.0                            | 1.8                                   | 8.8                                      | 0.0                        | 0.0                                                      | 0.0                                             | 0.0                                                        | 0.0                            | 0.0                                    | 0.0                              | 2.6                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.0                                       |                                | 5.3                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 1.3                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 10%                                       |                                | 30%                                   |                                          | 15%                        |                                                          |                                                 | 35%                                                        |                                |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 1.6                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.1                              |                                                          |                                                      |
| Project Benefit                                                | 1.7                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$216,955                                 |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 79.6                                      |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

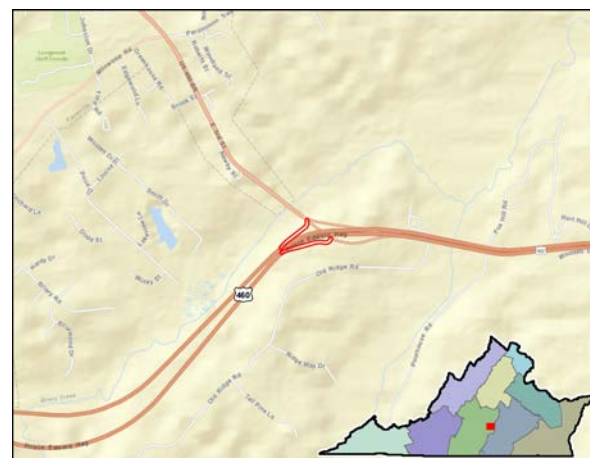
For more information on how to read a scorecard, click [here](#).

US 460 Interchange

App Id: 1134

Propose the build-out of the US 460 interchange east of the Town of Farmville

Project Location..... Prince Edward County  
SMART SCALE Area Type..... D  
Submitting Entity..... Prince Edward County  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... Both  
VTrans Need..... Heartland Corridor CoSS  
( Click for details )



**0.0**

SMART SCALE  
SCORE

**#400** OF 404 STATEWIDE

**#28** OF 28 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$10,505,553**

Total Project Cost..... **\$10,505,553**

Project Benefit..... **0.0**

Project Benefit / Total Cost..... **0.0**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 0.0<br>persons                            | 0.0<br>person hrs.             | 0.0<br>EPDO                           | 0.0<br>EPDO / 100M VMT                   | 0.0<br>jobs per resident   | 0.0<br>jobs per resident                                 | 0.0<br>adjusted users                           | 0.0<br>thousand adj sq. ft.                                | 0.0<br>thousand adj daily tons | 111,280.6<br>adj. buffer time index    | 0.0<br>adjusted points           | 0.0<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.0                                       | 0.0                            | 0.0                                   | 0.0                                      | 0.0                        | 0.0                                                      | 0.0                                             | 0.0                                                        | 0.0                            | 0.0                                    | 0.0                              | 0.0                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.0                                       |                                | 0.0                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.0                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 10%                                       |                                | 30%                                   |                                          | 15%                        |                                                          |                                                 | 35%                                                        |                                |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.0                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.0                              |                                                          |                                                      |
| Project Benefit                                                | 0.0                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$10,505,553                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 0.0                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |



# PROJECT SCORECARD

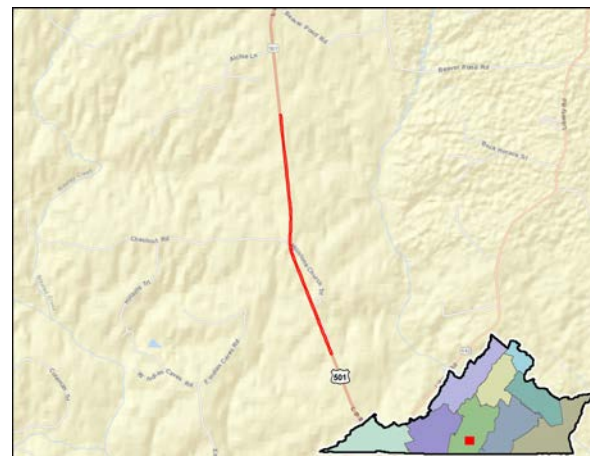
For more information on how to read a scorecard, click [here](#).

US 501/Route 628 Intersection

App Id: 1136

Intersection improvement as US Route 501 and Route 628

Project Location..... Halifax County  
 SMART SCALE Area Type..... D  
 Submitting Entity..... Halifax County  
 Preliminary Engineering..... Not Started  
 Right of Way..... Not Started  
 Construction..... Not Started  
 Expenditures to Date..... N/A  
 Key Fund Sources..... N/A  
 Administered By..... VDOT  
 Eligible Funding Program(s)..... District Grant  
 VTrans Need..... Safety: Geometric Issue  
 ( Click for details )



**3.6**

SMART SCALE  
SCORE

**#156** OF 404 STATEWIDE

**#9** OF 28 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$4,192,835**

Total Project Cost..... **\$4,192,835**

Project Benefit..... **1.5**

Project Benefit / Total Cost..... **3.6**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                    |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted             | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 0.0<br>persons                            | 0.0<br>person hrs.             | 2.1<br>EPDO                           | 1,624.4<br>EPDO / 100M VMT               | 0.4<br>jobs per resident   | 0.4<br>jobs per resident                                 | 0.0<br>adjusted users                           | 0.0<br>thousand adj sq. ft.                                | 4,578.8<br>thousand adj daily tons | 16,806.6<br>adj. buffer time index     | 37.8<br>adjusted points          | 1.3<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.0                                       | 0.0                            | 0.6                                   | 8.4                                      | 0.0                        | 0.0                                                      | 0.0                                             | 0.0                                                        | 0.3                                | 0.0                                    | 0.2                              | 2.6                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.0                                       |                                | 4.5                                   |                                          | 0.0                        |                                                          |                                                 | 0.1                                                        |                                    |                                        | 1.4                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 10%                                       |                                | 30%                                   |                                          | 15%                        |                                                          |                                                 | 35%                                                        |                                    |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 1.4                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                    |                                        | 0.1                              |                                                          |                                                      |
| Project Benefit                                                | 1.5                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$4,192,835                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 3.6                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

For more information on how to read a scorecard, click [here](#).

US 58/Route 751 Intersection

App Id: 1142

IMPROVEMENTS TO THE US 58 AND ROUTE 751 INTERSECTION - PHASE #1

Project Location..... Halifax County  
 SMART SCALE Area Type..... D  
 Submitting Entity..... Halifax County  
 Preliminary Engineering..... Not Started  
 Right of Way..... Not Started  
 Construction..... Not Started  
 Expenditures to Date..... N/A  
 Key Fund Sources..... N/A  
 Administered By..... VDOT  
 Eligible Funding Program(s)..... District Grant  
 VTrans Need..... Safety: PSI Data and Geometric Issue  
 ( Click for details )



**1.4**

SMART SCALE  
SCORE

**#262** OF 404 STATEWIDE

**#18** OF 28 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$7,193,811**

Total Project Cost..... **\$7,193,811**

Project Benefit..... **1.0**

Project Benefit / Total Cost..... **1.4**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 0.0<br>persons                            | 0.0<br>person hrs.             | 3.0<br>EPDO                           | 956.0<br>EPDO / 100M VMT                 | 0.0<br>jobs per resident   | 0.0<br>jobs per resident                                 | 0.0<br>adjusted users                           | 0.0<br>thousand adj sq. ft.                                | 0.0<br>thousand adj daily tons | 42,361.8<br>adj. buffer time index     | 104.4<br>adjusted points         | 0.9<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.0                                       | 0.0                            | 0.9                                   | 4.9                                      | 0.0                        | 0.0                                                      | 0.0                                             | 0.0                                                        | 0.0                            | 0.0                                    | 0.6                              | 1.7                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.0                                       |                                | 2.9                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 1.1                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 10%                                       |                                | 30%                                   |                                          | 15%                        |                                                          |                                                 | 35%                                                        |                                |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.9                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.1                              |                                                          |                                                      |
| Project Benefit                                                | 1.0                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$7,193,811                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 1.4                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

For more information on how to read a scorecard, click [here](#).

Route 751 Improvements

App Id: 1155

ROADWAY IMPROVEMENT ON ROUTE 751 FROM US58 TO ROUTE 699 (PHASE #2)

Project Location..... Halifax County  
 SMART SCALE Area Type..... D  
 Submitting Entity..... Halifax County  
 Preliminary Engineering..... Not Started  
 Right of Way..... Not Started  
 Construction..... Not Started  
 Expenditures to Date..... N/A  
 Key Fund Sources..... N/A  
 Administered By..... VDOT  
 Eligible Funding Program(s)..... District Grant  
 VTrans Need..... Safety: PSI Data and Geometric Issue  
 ( Click for details )



**1.7**

SMART SCALE  
SCORE

**#240** OF 404 STATEWIDE

**#16** OF 28 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$7,344,445**

Total Project Cost..... **\$7,344,445**

Project Benefit..... **1.3**

Project Benefit / Total Cost..... **1.7**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 0.0<br>persons                            | 0.0<br>person hrs.             | 5.4<br>EPDO                           | 1,155.0<br>EPDO / 100M VMT               | 0.7<br>jobs per resident   | 0.7<br>jobs per resident                                 | 0.0<br>adjusted users                           | 0.0<br>thousand adj sq. ft.                                | 0.0<br>thousand adj daily tons | 0.0<br>adj. buffer time index          | 1.2<br>adjusted points           | 1.1<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.0                                       | 0.0                            | 1.6                                   | 6.0                                      | 0.0                        | 0.0                                                      | 0.0                                             | 0.0                                                        | 0.0                            | 0.0                                    | 0.0                              | 2.1                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.0                                       |                                | 3.8                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 1.1                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 10%                                       |                                | 30%                                   |                                          | 15%                        |                                                          |                                                 | 35%                                                        |                                |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 1.1                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.1                              |                                                          |                                                      |
| Project Benefit                                                | 1.3                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$7,344,445                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 1.7                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

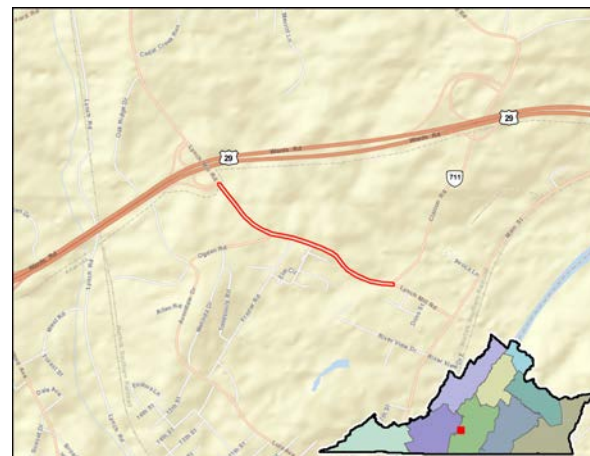
For more information on how to read a scorecard, click [here](#).

Altavista Elementary School Transportation Improvements

App Id: 1259

Turn Lane improvements on Lynch Mill Road to better assist school bus movements to include closure of main school entrance. Construction of new access road adjacent to school to serve as main access and to better assist student drop off and pick up.

Project Location..... Altavista  
SMART SCALE Area Type..... D  
Submitting Entity..... Altavista Town  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... District Grant  
VTrans Need..... Safety: Crash History and Geometric Issue  
( [Click for details](#) )



**0.0**

SMART SCALE  
SCORE

**#392** OF 404 STATEWIDE

**#27** OF 28 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$2,257,344**

Total Project Cost..... **\$2,257,344**

Project Benefit..... **0.0**

Project Benefit / Total Cost..... **0.0**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                    |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted             | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 0.0<br>persons                            | 0.3<br>person hrs.             | 0.0<br>EPDO                           | 0.0<br>EPDO / 100M VMT                   | 0.1<br>jobs per resident   | 0.1<br>jobs per resident                                 | 0.0<br>adjusted users                           | 0.0<br>thousand adj sq. ft.                                | 2,306.6<br>thousand adj daily tons | 0.0<br>adj. buffer time index          | 0.0<br>adjusted points           | 0.0<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.0                                       | 0.0                            | 0.0                                   | 0.0                                      | 0.0                        | 0.0                                                      | 0.0                                             | 0.0                                                        | 0.1                                | 0.0                                    | 0.0                              | 0.0                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.0                                       |                                | 0.0                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                    |                                        | 0.0                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 10%                                       |                                | 30%                                   |                                          | 15%                        |                                                          |                                                 | 35%                                                        |                                    |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.0                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                    |                                        | 0.0                              |                                                          |                                                      |
| Project Benefit                                                | 0.0                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$2,257,344                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 0.0                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |



# PROJECT SCORECARD

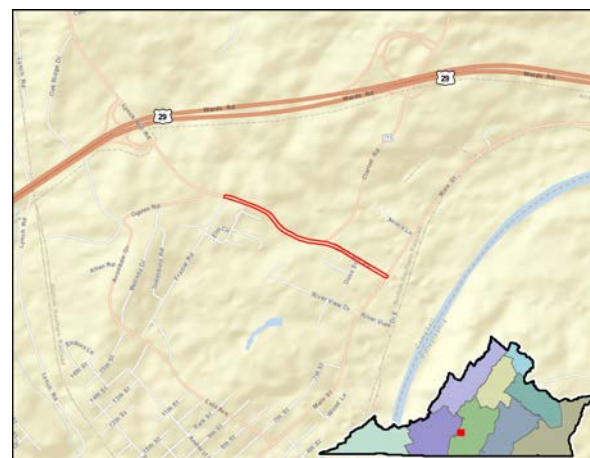
For more information on how to read a scorecard, click [here](#).

Lynch Mill / Clarion Road Intersection Improvements

App Id: 1261

Mid-term realign intersection with roadway widening to accommodate appropriate turn lanes on all approaches. Intersection improvements to consist of the construction of a roundabout.

Project Location..... Altavista  
SMART SCALE Area Type..... D  
Submitting Entity..... Altavista Town  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... Both  
VTrans Need..... Cental Virginia Regional Network  
( [Click for details](#) )



**1.6**

SMART SCALE  
SCORE

**#247** OF 404 STATEWIDE

**#17** OF 28 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$5,432,185**

Total Project Cost..... **\$5,432,185**

Project Benefit..... **0.9**

Project Benefit / Total Cost..... **1.6**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                    |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted             | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 0.0<br>persons                            | 0.8<br>person hrs.             | 1.6<br>EPDO                           | 906.3<br>EPDO / 100M VMT                 | 1.1<br>jobs per resident   | 1.2<br>jobs per resident                                 | 0.0<br>adjusted users                           | 0.0<br>thousand adj sq. ft.                                | 3,320.5<br>thousand adj daily tons | 0.0<br>adj. buffer time index          | 0.0<br>adjusted points           | 0.8<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.0                                       | 0.0                            | 0.5                                   | 4.7                                      | 0.0                        | 0.0                                                      | 0.0                                             | 0.0                                                        | 0.2                                | 0.0                                    | 0.0                              | 1.5                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.0                                       |                                | 2.6                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                    |                                        | 0.7                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 10%                                       |                                | 30%                                   |                                          | 15%                        |                                                          |                                                 | 35%                                                        |                                    |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.8                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                    |                                        | 0.1                              |                                                          |                                                      |
| Project Benefit                                                | 0.9                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$5,432,185                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 1.6                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

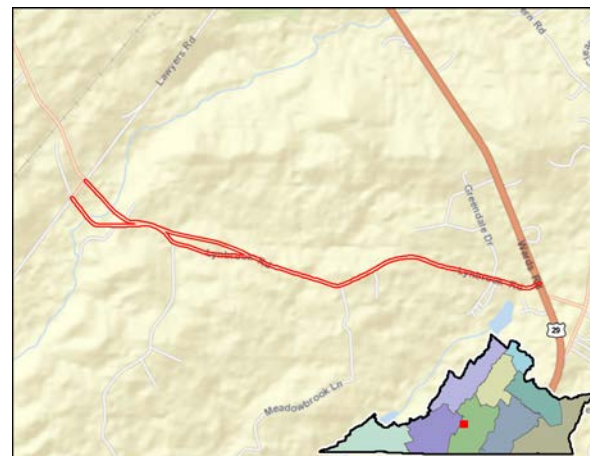
For more information on how to read a scorecard, click [here](#).

Route 622, Lynbrook Road

App Id: 1281

This project is for the reconstruction and new construction of a segment of Route 622 from Route 29 to Route 683. Work includes alignment improvements and construction of a new bridge over Flat Creek.

Project Location..... Campbell County  
SMART SCALE Area Type..... C  
Submitting Entity..... Campbell County  
Preliminary Engineering..... Complete  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... Both  
VTrans Need..... Cental Virginia Regional Network  
( Click for details )



## 1.3

SMART SCALE  
SCORE

**#263** OF 404 STATEWIDE

**#19** OF 28 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$8,129,052**

Total Project Cost..... **\$11,029,052**

Project Benefit..... **1.1**

Project Benefit / Total Cost..... **1.0**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                    |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted             | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 0.0<br>persons                            | 0.0<br>person hrs.             | 14.4<br>EPDO                          | 396.0<br>EPDO / 100M VMT                 | 3.2<br>jobs per resident   | 3.3<br>jobs per resident                                 | 0.0<br>adjusted users                           | 320,000.0<br>thousand adj sq. ft.                          | 1,504.1<br>thousand adj daily tons | 1,146,891.5<br>adj. buffer time index  | 0.0<br>adjusted points           | 0.9<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.0                                       | 0.0                            | 4.4                                   | 2.1                                      | 0.1                        | 0.1                                                      | 0.0                                             | 1.1                                                        | 0.1                                | 0.1                                    | 0.0                              | 1.8                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.0                                       |                                | 3.2                                   |                                          | 0.1                        |                                                          |                                                 | 0.7                                                        |                                    |                                        | 0.9                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 25%                                   |                                          | 25%                        |                                                          |                                                 | 25%                                                        |                                    |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.8                                   |                                          | 0.0                        |                                                          |                                                 | 0.2                                                        |                                    |                                        | 0.1                              |                                                          |                                                      |
| Project Benefit                                                | 1.1                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$8,129,052                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 1.3                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

For more information on how to read a scorecard, click [here](#).

Route 501 Passing Lanes

App Id: 1283

Provide improvements for passing lanes along a 1.9 mile segment of Route 501 south of Gladys Virginia.

Project Location..... Campbell County  
SMART SCALE Area Type..... D  
Submitting Entity..... Campbell County  
Preliminary Engineering..... Underway  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... \$1,122,988  
Key Fund Sources..... Bond  
Administered By..... VDOT  
Eligible Funding Program(s)..... Both  
VTrans Need..... Cental Virginia Regional Network  
( Click for details )



**1.9**

SMART SCALE  
SCORE

**#236** OF 404 STATEWIDE

**#14** OF 28 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$22,518,131**

Total Project Cost..... **\$23,651,910**

Project Benefit..... **4.2**

Project Benefit / Total Cost..... **1.8**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                    |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted             | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 0.0<br>persons                            | 0.0<br>person hrs.             | 58.4<br>EPDO                          | 1,416.7<br>EPDO / 100M VMT               | 3.8<br>jobs per resident   | 4.0<br>jobs per resident                                 | 0.0<br>adjusted users                           | 0.0<br>thousand adj sq. ft.                                | 7,116.1<br>thousand adj daily tons | 1,220,358.5<br>adj. buffer time index  | 0.0<br>adjusted points           | 3.6<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.0                                       | 0.0                            | 17.8                                  | 7.3                                      | 0.1                        | 0.2                                                      | 0.0                                             | 0.0                                                        | 0.4                                | 0.1                                    | 0.0                              | 7.0                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.0                                       |                                | 12.6                                  |                                          | 0.1                        |                                                          |                                                 | 0.1                                                        |                                    |                                        | 3.5                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 10%                                       |                                | 30%                                   |                                          | 15%                        |                                                          |                                                 | 35%                                                        |                                    |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 3.8                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                    |                                        | 0.4                              |                                                          |                                                      |
| Project Benefit                                                | 4.2                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$22,518,131                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 1.9                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

For more information on how to read a scorecard, click here.

Mt. Cross Rd./Whitmell School Rd. Intersection Improvements

App Id: 1347

The project involves safety improvements at the intersection of Mt Cross Rd (Rt 750/Rt 844) and Whitmell School Rd (Rt 750) to include the construction of a right-turn lane along WB Mt Cross Rd and implementation of access management strategies.

Project Location..... Pittsylvania County  
 SMART SCALE Area Type..... D  
 Submitting Entity..... Danville Metropolitan Planning Organization  
 Preliminary Engineering..... Not Started  
 Right of Way..... Not Started  
 Construction..... Not Started  
 Expenditures to Date..... N/A  
 Key Fund Sources..... N/A  
 Administered By..... VDOT  
 Eligible Funding Program(s)..... High Priority  
 VTrans Need..... Danville Regional Network  
 ( Click for details )



**8.8**

SMART SCALE  
SCORE

**#86**

OF 404 STATEWIDE

**#4**

OF 28 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$1,083,903**

Total Project Cost..... **\$1,083,903**

Project Benefit..... **0.9**

Project Benefit / Total Cost..... **8.8**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 0.0<br>persons                            | 0.2<br>person hrs.             | 1.4<br>EPDO                           | 1,033.7<br>EPDO / 100M VMT               | 0.0<br>jobs per resident   | 0.0<br>jobs per resident                                 | 0.0<br>adjusted users                           | 0.0<br>thousand adj sq. ft.                                | 0.0<br>thousand adj daily tons | 0.0<br>adj. buffer time index          | 0.0<br>adjusted points           | 0.9<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.0                                       | 0.0                            | 0.4                                   | 5.4                                      | 0.0                        | 0.0                                                      | 0.0                                             | 0.0                                                        | 0.0                            | 0.0                                    | 0.0                              | 1.7                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.0                                       |                                | 2.9                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.8                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 10%                                       |                                | 30%                                   |                                          | 15%                        |                                                          |                                                 | 35%                                                        |                                |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.9                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.1                              |                                                          |                                                      |
| Project Benefit                                                | 0.9                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$1,083,903                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 8.8                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |



# PROJECT SCORECARD

For more information on how to read a scorecard, click [here](#).

Mount Cross Road/Mill Creek Road Safety Improvements

App Id: 1354

Improvements will include an extension of an existing left turn lane on eastbound Mount Cross Road and the installation of a right-turn lane on westbound Mount Cross Road at its intersection with Mill Creek Road (Route 724).

Project Location..... Pittsylvania County  
SMART SCALE Area Type..... D  
Submitting Entity..... Danville Metropolitan Planning Organization  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... High Priority  
VTrans Need..... Danville Regional Network  
( [Click for details](#) )



**3.5**

SMART SCALE  
SCORE

**#161** OF 404 STATEWIDE

**#10** OF 28 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$982,691**

Total Project Cost..... **\$982,691**

Project Benefit..... **0.3**

Project Benefit / Total Cost..... **3.5**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 0.0<br>persons                            | 0.7<br>person hrs.             | 1.2<br>EPDO                           | 332.0<br>EPDO / 100M VMT                 | 0.0<br>jobs per resident   | 0.0<br>jobs per resident                                 | 0.0<br>adjusted users                           | 0.0<br>thousand adj sq. ft.                                | 0.0<br>thousand adj daily tons | 0.0<br>adj. buffer time index          | 0.0<br>adjusted points           | 0.3<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.0                                       | 0.0                            | 0.4                                   | 1.7                                      | 0.0                        | 0.0                                                      | 0.0                                             | 0.0                                                        | 0.0                            | 0.0                                    | 0.0                              | 0.6                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.0                                       |                                | 1.0                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.3                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 10%                                       |                                | 30%                                   |                                          | 15%                        |                                                          |                                                 | 35%                                                        |                                |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.3                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.0                              |                                                          |                                                      |
| Project Benefit                                                | 0.3                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$982,691                                 |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 3.5                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

For more information on how to read a scorecard, click [here](#).

Route 29 Access Management

App Id: 1357

Access Management along Route 29 through the Colleen Corridor to include entrance consolidation and reconstruction.

Project Location..... Nelson County  
SMART SCALE Area Type..... C  
Submitting Entity..... Nelson County  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... District Grant  
VTrans Need..... Safety: PSI Data and Geometric Issue  
( [Click for details](#) )



## 2.1

SMART SCALE  
SCORE

**#222** OF 404 STATEWIDE

**#13** OF 28 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$1,467,040**

Total Project Cost..... **\$1,467,040**

Project Benefit..... **0.3**

Project Benefit / Total Cost..... **2.1**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                     |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|-------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted              | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 0.0<br>persons                            | 0.0<br>person hrs.             | 0.3<br>EPDO                           | 80.0<br>EPDO / 100M VMT                  | 0.0<br>jobs per resident   | 0.0<br>jobs per resident                                 | 0.0<br>adjusted users                           | 0.0<br>thousand adj sq. ft.                                | 39,151.6<br>thousand adj daily tons | 0.0<br>adj. buffer time index          | 338.1<br>adjusted points         | 0.3<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.0                                       | 0.0                            | 0.1                                   | 0.4                                      | 0.0                        | 0.0                                                      | 0.0                                             | 0.0                                                        | 2.3                                 | 0.0                                    | 2.0                              | 0.5                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                 | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.0                                       |                                | 0.2                                   |                                          | 0.0                        |                                                          |                                                 | 0.5                                                        |                                     |                                        | 1.2                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 25%                                   |                                          | 25%                        |                                                          |                                                 | 25%                                                        |                                     |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.1                                   |                                          | 0.0                        |                                                          |                                                 | 0.1                                                        |                                     |                                        | 0.1                              |                                                          |                                                      |
| Project Benefit                                                | 0.3                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$1,467,040                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 2.1                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

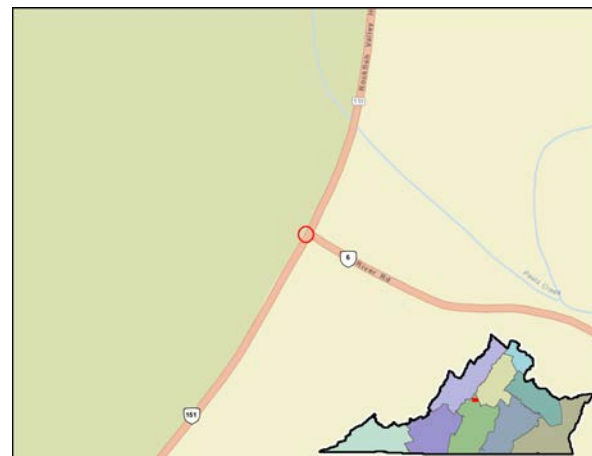
For more information on how to read a scorecard, click [here](#).

Route 6/151 Intersection

App Id: 1358

Widen the east leg of the intersection creating a wider receiving lane for turning vehicles. Consider a roundabout or southbound left turn bay.

Project Location..... Nelson County  
SMART SCALE Area Type..... C  
Submitting Entity..... Nelson County  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... District Grant  
VTrans Need..... Safety: PSI Data and Geometric Issue  
( Click for details )



## 1.2

SMART SCALE  
SCORE

**#267** OF 404 STATEWIDE

**#20** OF 28 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$5,114,563**

Total Project Cost..... **\$5,114,563**

Project Benefit..... **0.6**

Project Benefit / Total Cost..... **1.2**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 0.0<br>persons                            | 0.1<br>person hrs.             | 3.3<br>EPDO                           | 716.3<br>EPDO / 100M VMT                 | 0.0<br>jobs per resident   | 0.0<br>jobs per resident                                 | 0.0<br>adjusted users                           | 0.0<br>thousand adj sq. ft.                                | 0.0<br>thousand adj daily tons | 94,633.0<br>adj. buffer time index     | 0.0<br>adjusted points           | 0.5<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.0                                       | 0.0                            | 1.0                                   | 3.7                                      | 0.0                        | 0.0                                                      | 0.0                                             | 0.0                                                        | 0.0                            | 0.0                                    | 0.0                              | 0.9                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.0                                       |                                | 2.4                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.5                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 25%                                   |                                          | 25%                        |                                                          |                                                 | 25%                                                        |                                |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.6                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.0                              |                                                          |                                                      |
| Project Benefit                                                | 0.6                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$5,114,563                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 1.2                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

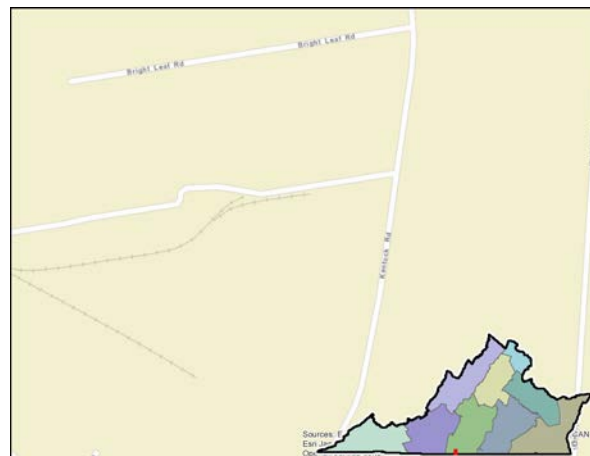
For more information on how to read a scorecard, click [here](#).

Kentuck Road Improvements

App Id: 1370

Proposed spot Improvements along Kentuck Road between South Boston Road (US58) and Little Creek Road (Route 732). Improvements include road realignment, additional turn lanes and creation of a roundabout.

Project Location..... Danville  
SMART SCALE Area Type..... D  
Submitting Entity..... Danville City  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... Locality  
Eligible Funding Program(s)..... Both  
VTrans Need..... Danville Regional Network  
( Click for details )



**3.8**

SMART SCALE  
SCORE

**#149** OF 404 STATEWIDE

**#8** OF 28 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$7,491,438**

Total Project Cost..... **\$7,491,438**

Project Benefit..... **2.9**

Project Benefit / Total Cost..... **3.8**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 0.0<br>persons                            | 0.0<br>person hrs.             | 19.4<br>EPDO                          | 2,246.4<br>EPDO / 100M VMT               | 0.0<br>jobs per resident   | 0.0<br>jobs per resident                                 | 0.0<br>adjusted users                           | 0.0<br>thousand adj sq. ft.                                | 0.0<br>thousand adj daily tons | 575,475.6<br>adj. buffer time index    | 0.0<br>adjusted points           | 2.5<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.0                                       | 0.0                            | 5.9                                   | 11.6                                     | 0.0                        | 0.0                                                      | 0.0                                             | 0.0                                                        | 0.0                            | 0.0                                    | 0.0                              | 4.8                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.0                                       |                                | 8.8                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 2.4                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 10%                                       |                                | 30%                                   |                                          | 15%                        |                                                          |                                                 | 35%                                                        |                                |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 2.6                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.2                              |                                                          |                                                      |
| Project Benefit                                                | 2.9                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$7,491,438                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 3.8                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |



# PROJECT SCORECARD

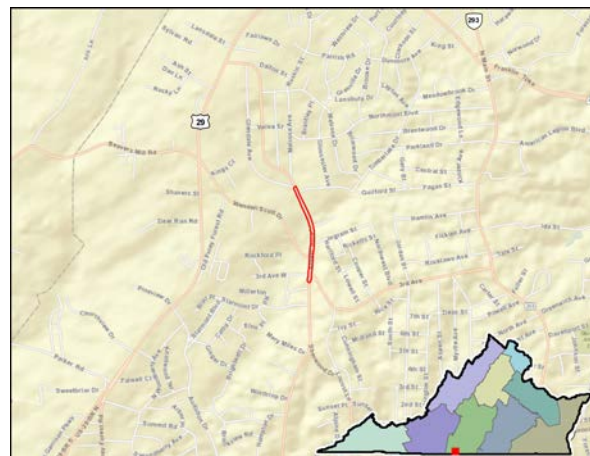
For more information on how to read a scorecard, click [here](#).

Arnett Boulevard Improvements

App Id: 1371

Arnett Boulevard Improvements to address pedestrian and cyclist traffic and lack of safe route to GLH Johnson Elementary School issues

Project Location..... Danville  
SMART SCALE Area Type..... D  
Submitting Entity..... Danville City  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... Locality  
Eligible Funding Program(s)..... District Grant  
VTrans Need..... Danville UDA  
( Click for details )



**91.4**

SMART SCALE  
SCORE

**#7**

OF 404 STATEWIDE

**#1**

OF 28 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$500,588**

Total Project Cost..... **\$500,588**

Project Benefit..... **4.6**

Project Benefit / Total Cost..... **91.4**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 10.6<br>persons                           | 0.0<br>person hrs.             | 23.0<br>EPDO                          | 3,990.6<br>EPDO / 100M VMT               | 0.0<br>jobs per resident   | 0.0<br>jobs per resident                                 | 31.7<br>adjusted users                          | 0.0<br>thousand adj sq. ft.                                | 0.0<br>thousand adj daily tons | 0.0<br>adj. buffer time index          | 42.3<br>adjusted points          | 4.2<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.1                                       | 0.0                            | 7.0                                   | 20.7                                     | 0.0                        | 0.0                                                      | 0.2                                             | 0.0                                                        | 0.0                            | 0.0                                    | 0.2                              | 8.1                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.1                                       |                                | 13.8                                  |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 4.2                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 10%                                       |                                | 30%                                   |                                          | 15%                        |                                                          |                                                 | 35%                                                        |                                |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 4.1                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.4                              |                                                          |                                                      |
| Project Benefit                                                | 4.6                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$500,588                                 |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 91.4                                      |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

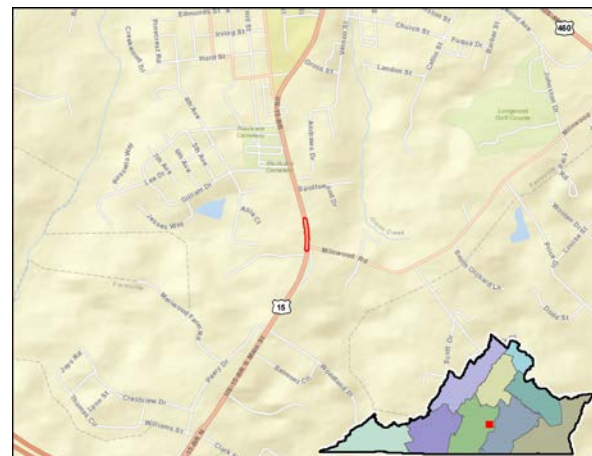
For more information on how to read a scorecard, click [here](#).

South Main/Milnwood Road Intersection Safety Improvements

App Id: 1417

The purpose of this project is to enhance traffic safety, mitigate traffic congestion and enhance pedestrian safety by widening South Main Street to provide additional turn lanes at its intersection with Milnwood Road. intersection.

Project Location..... Farmville  
SMART SCALE Area Type..... D  
Submitting Entity..... Farmville Town  
Preliminary Engineering..... Underway  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... Locality  
Eligible Funding Program(s)..... Both  
VTrans Need..... Heartland Corridor CoSS  
( Click for details )



**1.8**

SMART SCALE  
SCORE

**#237** OF 404 STATEWIDE

**#15** OF 28 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$3,480,981**

Total Project Cost..... **\$3,719,187**

Project Benefit..... **0.6**

Project Benefit / Total Cost..... **1.6**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 18.0<br>persons                           | 1.2<br>person hrs.             | 2.9<br>EPDO                           | 320.2<br>EPDO / 100M VMT                 | 0.1<br>jobs per resident   | 0.0<br>jobs per resident                                 | 26.9<br>adjusted users                          | 202,315.5<br>thousand adj sq. ft.                          | 0.0<br>thousand adj daily tons | 282,259.1<br>adj. buffer time index    | 35.9<br>adjusted points          | 0.5<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.2                                       | 0.0                            | 0.9                                   | 1.7                                      | 0.0                        | 0.0                                                      | 0.2                                             | 0.7                                                        | 0.0                            | 0.0                                    | 0.2                              | 1.0                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.1                                       |                                | 1.3                                   |                                          | 0.0                        |                                                          |                                                 | 0.4                                                        |                                |                                        | 0.6                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 10%                                       |                                | 30%                                   |                                          | 15%                        |                                                          |                                                 | 35%                                                        |                                |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.4                                   |                                          | 0.0                        |                                                          |                                                 | 0.2                                                        |                                |                                        | 0.1                              |                                                          |                                                      |
| Project Benefit                                                | 0.6                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$3,480,981                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 1.8                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

For more information on how to read a scorecard, click [here](#).

Route 29/151 Safety Improvement

App Id: 1448

The intersection of Route 29 and Route 151 is unsafe. Sight distance is very difficult, therefore creating an unsafe intersection that is host to numerous accidents. This intersection had a total of 11 crashes with 5 fatalities.

Project Location..... Amherst County  
SMART SCALE Area Type..... D  
Submitting Entity..... Amherst County  
Preliminary Engineering..... Not Needed  
Right of Way..... Not Needed  
Construction..... Not Needed  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... Both  
VTrans Need..... Cental Virginia Regional Network  
( [Click for details](#) )



**31.4**

SMART SCALE  
SCORE

**#33**

OF 404 STATEWIDE

**#3**

OF 28 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$195,489**

Total Project Cost..... **\$195,489**

Project Benefit..... **0.6**

Project Benefit / Total Cost..... **31.4**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 0.0<br>persons                            | 0.0<br>person hrs.             | 6.6<br>EPDO                           | 332.2<br>EPDO / 100M VMT                 | 0.0<br>jobs per resident   | 0.0<br>jobs per resident                                 | 0.0<br>adjusted users                           | 0.0<br>thousand adj sq. ft.                                | 0.0<br>thousand adj daily tons | 119,205.0<br>adj. buffer time index    | 0.0<br>adjusted points           | 0.6<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.0                                       | 0.0                            | 2.0                                   | 1.7                                      | 0.0                        | 0.0                                                      | 0.0                                             | 0.0                                                        | 0.0                            | 0.0                                    | 0.0                              | 1.1                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.0                                       |                                | 1.9                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.5                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 10%                                       |                                | 30%                                   |                                          | 15%                        |                                                          |                                                 | 35%                                                        |                                |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.6                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.1                              |                                                          |                                                      |
| Project Benefit                                                | 0.6                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$195,489                                 |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 31.4                                      |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

For more information on how to read a scorecard, click here.

Rt.15 Southbound at Rt. 617 (Gravel Hill Rd.)

App Id: 1460

Add a southbound left turn lane onto Rt. 617 for safety and smoother commuter traffic

Project Location..... Buckingham County  
SMART SCALE Area Type..... D  
Submitting Entity..... Buckingham County  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... District Grant  
VTrans Need..... Safety: Rural Long Range Plan  
( Click for details )



**0.5**

SMART SCALE  
SCORE

**#333** OF 404 STATEWIDE

**#23** OF 28 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$1,884,411**

Total Project Cost..... **\$1,884,411**

Project Benefit..... **0.1**

Project Benefit / Total Cost..... **0.5**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 0.0<br>persons                            | 0.0<br>person hrs.             | 0.3<br>EPDO                           | 83.8<br>EPDO / 100M VMT                  | 0.0<br>jobs per resident   | 0.0<br>jobs per resident                                 | 0.0<br>adjusted users                           | 0.0<br>thousand adj sq. ft.                                | 0.0<br>thousand adj daily tons | 44,979.5<br>adj. buffer time index     | 44.0<br>adjusted points          | 0.1<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.0                                       | 0.0                            | 0.1                                   | 0.4                                      | 0.0                        | 0.0                                                      | 0.0                                             | 0.0                                                        | 0.0                            | 0.0                                    | 0.3                              | 0.2                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.0                                       |                                | 0.3                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.2                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 10%                                       |                                | 30%                                   |                                          | 15%                        |                                                          |                                                 | 35%                                                        |                                |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.1                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.0                              |                                                          |                                                      |
| Project Benefit                                                | 0.1                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$1,884,411                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 0.5                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |



# PROJECT SCORECARD

For more information on how to read a scorecard, click [here](#).

Route 29 Median Barrier Replacement

App Id: 1482

Replace unsafe median barrier to improve safety along the Route 29 corridor.

Project Location..... Amherst County  
SMART SCALE Area Type..... C  
Submitting Entity..... Amherst County  
Preliminary Engineering..... Not Needed  
Right of Way..... Not Needed  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... District Grant  
VTrans Need..... Safety: PSI Data and Safety Hardware Issue  
( [Click for details](#) )



**0.2**

SMART SCALE  
SCORE

**#382** OF 404 STATEWIDE

**#26** OF 28 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$5,186,848**

Total Project Cost..... **\$5,186,848**

Project Benefit..... **0.1**

Project Benefit / Total Cost..... **0.2**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 0.0<br>persons                            | 0.0<br>person hrs.             | 1.7<br>EPDO                           | 10.3<br>EPDO / 100M VMT                  | 0.0<br>jobs per resident   | 0.0<br>jobs per resident                                 | 0.0<br>adjusted users                           | 0.0<br>thousand adj sq. ft.                                | 0.0<br>thousand adj daily tons | 2,888,465.9<br>adj. buffer time index  | 0.0<br>adjusted points           | 0.1<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.0                                       | 0.0                            | 0.5                                   | 0.1                                      | 0.0                        | 0.0                                                      | 0.0                                             | 0.0                                                        | 0.0                            | 0.2                                    | 0.0                              | 0.1                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.0                                       |                                | 0.3                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.1                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 25%                                   |                                          | 25%                        |                                                          |                                                 | 25%                                                        |                                |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.1                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.0                              |                                                          |                                                      |
| Project Benefit                                                | 0.1                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$5,186,848                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 0.2                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

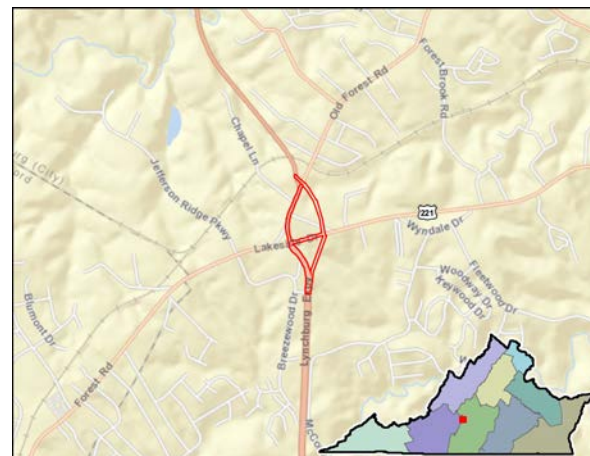
For more information on how to read a scorecard, click [here](#).

RTE 221 - INTERSECTION IMPROVEMENTS.

App Id: 1483

The Lynchburg Expressway (US 501) One-Way Pair Project is intended to relieve congestion and improve safety at the US 221 intersection by splitting 501 into a one-way pair on either side of 221.

Project Location..... Lynchburg  
SMART SCALE Area Type..... C  
Submitting Entity..... Lynchburg City  
Preliminary Engineering..... Underway  
Right of Way..... Complete  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... Locality  
Eligible Funding Program(s)..... Both  
VTrans Need..... Heartland Corridor CoSS  
( Click for details )



**2.2**

SMART SCALE  
SCORE

**#215** OF 404 STATEWIDE

**#12** OF 28 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$24,105,306**

Total Project Cost..... **\$42,104,390**

Project Benefit..... **5.2**

Project Benefit / Total Cost..... **1.2**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                     |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|-------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted              | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 1,144.6<br>persons                        | 280.0<br>person hrs.           | 5.7<br>EPDO                           | 49.6<br>EPDO / 100M VMT                  | 26.5<br>jobs per resident  | 27.1<br>jobs per resident                                | 796.8<br>adjusted users                         | 4,171,400.0<br>thousand adj sq. ft.                        | 18,374.7<br>thousand adj daily tons | 7,885,479.0<br>adj. buffer time index  | 876.5<br>adjusted points         | 4.5<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 11.3                                      | 8.6                            | 1.7                                   | 0.3                                      | 1.0                        | 1.0                                                      | 5.4                                             | 14.8                                                       | 1.1                                 | 0.6                                    | 5.1                              | 8.7                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                 | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 10.0                                      |                                | 1.0                                   |                                          | 1.9                        |                                                          |                                                 | 9.2                                                        |                                     |                                        | 6.9                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 25%                                   |                                          | 25%                        |                                                          |                                                 | 25%                                                        |                                     |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 1.5                                       |                                | 0.2                                   |                                          | 0.5                        |                                                          |                                                 | 2.3                                                        |                                     |                                        | 0.7                              |                                                          |                                                      |
| Project Benefit                                                | 5.2                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$24,105,306                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 2.2                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

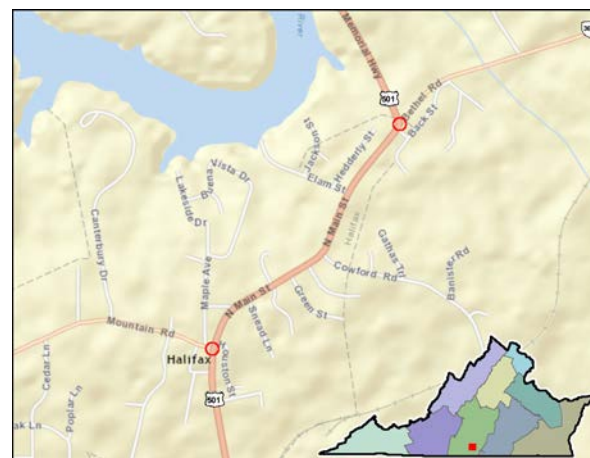
For more information on how to read a scorecard, click [here](#).

Town of Halifax

App Id: 1492

US Hwy 501 corridor/intersection improvements submitted for Smart Scale include: 1) US501 (L.P. Bailey Memorial Hwy.)/VA360 (Bethel Rd.) roundabout installation; 2) US501 (Main St.)/VA360 (Mountain Rd.) increased turning radius construction.

Project Location..... Halifax County  
SMART SCALE Area Type..... D  
Submitting Entity..... Southside Planning District Commission  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s).....  
VTrans Need..... Town of Halifax UDA  
( Click for details )



**0.6**

SMART SCALE  
SCORE

**#319** OF 404 STATEWIDE

**#22** OF 28 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$7,956,051**

Total Project Cost..... **\$7,956,051**

Project Benefit..... **0.5**

Project Benefit / Total Cost..... **0.6**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 7.9<br>persons                            | 0.4<br>person hrs.             | 3.4<br>EPDO                           | 396.7<br>EPDO / 100M VMT                 | 0.0<br>jobs per resident   | 0.0<br>jobs per resident                                 | 11.8<br>adjusted users                          | 0.0<br>thousand adj sq. ft.                                | 0.0<br>thousand adj daily tons | 323,768.5<br>adj. buffer time index    | 15.7<br>adjusted points          | 0.4<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.1                                       | 0.0                            | 1.0                                   | 2.1                                      | 0.0                        | 0.0                                                      | 0.1                                             | 0.0                                                        | 0.0                            | 0.0                                    | 0.1                              | 0.8                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.0                                       |                                | 1.5                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.5                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 10%                                       |                                | 30%                                   |                                          | 15%                        |                                                          |                                                 | 35%                                                        |                                |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.5                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.0                              |                                                          |                                                      |
| Project Benefit                                                | 0.5                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$7,956,051                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 0.6                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

For more information on how to read a scorecard, click [here](#).

Old Courthouse Road Improvement Project

App Id: 1495

This project will provide improvements to the Old Courthouse Rd. corridor--a major corridor into the Town.

Project Location..... Appomattox County  
SMART SCALE Area Type..... D  
Submitting Entity..... Appomattox County  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... Locality  
Eligible Funding Program(s)..... Both  
VTrans Need..... Cental Virginia Regional Network  
( Click for details )



**5.6**

SMART SCALE  
SCORE

**#129** OF 404 STATEWIDE

**#7** OF 28 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$11,546,256**

Total Project Cost..... **\$11,546,256**

Project Benefit..... **6.5**

Project Benefit / Total Cost..... **5.6**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                    |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted             | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 4.0<br>persons                            | 0.0<br>person hrs.             | 49.6<br>EPDO                          | 3,502.5<br>EPDO / 100M VMT               | 0.1<br>jobs per resident   | 0.1<br>jobs per resident                                 | 12.0<br>adjusted users                          | 1,385,000.0<br>thousand adj sq. ft.                        | 1,013.5<br>thousand adj daily tons | 5,235,672.2<br>adj. buffer time index  | 16.0<br>adjusted points          | 4.8<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.0                                       | 0.0                            | 15.1                                  | 18.1                                     | 0.0                        | 0.0                                                      | 0.1                                             | 4.9                                                        | 0.1                                | 0.4                                    | 0.1                              | 9.2                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.0                                       |                                | 16.6                                  |                                          | 0.0                        |                                                          |                                                 | 3.0                                                        |                                    |                                        | 4.7                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 10%                                       |                                | 30%                                   |                                          | 15%                        |                                                          |                                                 | 35%                                                        |                                    |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 5.0                                   |                                          | 0.0                        |                                                          |                                                 | 1.1                                                        |                                    |                                        | 0.5                              |                                                          |                                                      |
| Project Benefit                                                | 6.5                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$11,546,256                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 5.6                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |



# PROJECT SCORECARD

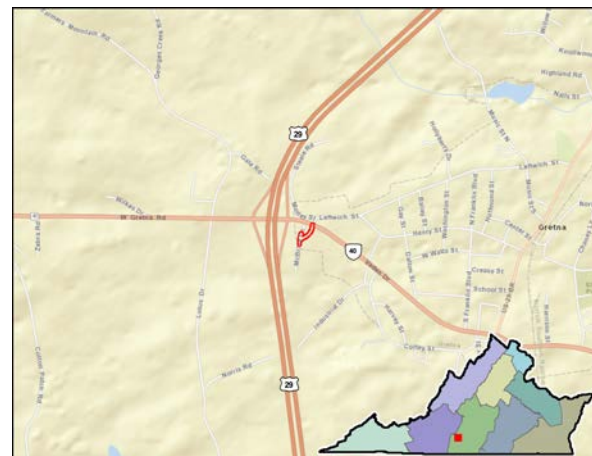
For more information on how to read a scorecard, click here.

Route 40 and McBride Lane Intersection Improvements

App Id: 1499

Improve existing intersection of Route 40 and McBride Lane in the Town of Gretna

Project Location..... Pittsylvania County  
SMART SCALE Area Type..... D  
Submitting Entity..... Pittsylvania County  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... Both  
VTrans Need..... Danville Regional Network  
( Click for details )



**0.7**

SMART SCALE  
SCORE

**#317** OF 404 STATEWIDE

**#21** OF 28 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$7,563,443**

Total Project Cost..... **\$7,563,443**

Project Benefit..... **0.5**

Project Benefit / Total Cost..... **0.7**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 4.0<br>persons                            | 0.1<br>person hrs.             | 0.3<br>EPDO                           | 106.5<br>EPDO / 100M VMT                 | 0.0<br>jobs per resident   | 0.0<br>jobs per resident                                 | 0.0<br>adjusted users                           | 450,000.0<br>thousand adj sq. ft.                          | 0.0<br>thousand adj daily tons | 0.0<br>adj. buffer time index          | 67.4<br>adjusted points          | 0.4<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.0                                       | 0.0                            | 0.1                                   | 0.6                                      | 0.0                        | 0.0                                                      | 0.0                                             | 1.6                                                        | 0.0                            | 0.0                                    | 0.4                              | 0.8                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.0                                       |                                | 0.3                                   |                                          | 0.0                        |                                                          |                                                 | 1.0                                                        |                                |                                        | 0.6                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 10%                                       |                                | 30%                                   |                                          | 15%                        |                                                          |                                                 | 35%                                                        |                                |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.1                                   |                                          | 0.0                        |                                                          |                                                 | 0.3                                                        |                                |                                        | 0.1                              |                                                          |                                                      |
| Project Benefit                                                | 0.5                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$7,563,443                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 0.7                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

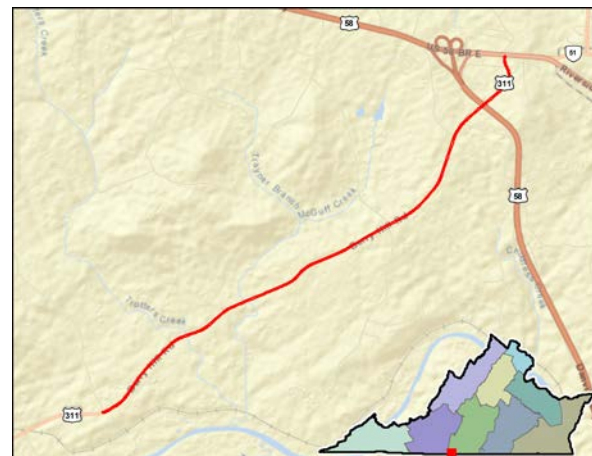
For more information on how to read a scorecard, click here.

Berry Hill Road Improvements

App Id: 1500

Widen existing Route 311, Berry Hill Road, from 20 feet of pavement to two 12' lanes with 8' shoulders, 6' paved, and 4' ditches.

Project Location..... Pittsylvania County  
 SMART SCALE Area Type..... D  
 Submitting Entity..... Pittsylvania County  
 Preliminary Engineering..... Not Started  
 Right of Way..... Not Started  
 Construction..... Not Started  
 Expenditures to Date..... N/A  
 Key Fund Sources..... N/A  
 Administered By..... VDOT  
 Eligible Funding Program(s)..... Both  
 VTrans Need..... Danville Regional Network  
 ( Click for details )



**2.9**

SMART SCALE  
SCORE

**#186** OF 404 STATEWIDE

**#11** OF 28 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$29,051,670**

Total Project Cost..... **\$29,051,670**

Project Benefit..... **8.3**

Project Benefit / Total Cost..... **2.9**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                    |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted             | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 0.0<br>persons                            | 0.0<br>person hrs.             | 26.0<br>EPDO                          | 813.0<br>EPDO / 100M VMT                 | 11.3<br>jobs per resident  | 11.7<br>jobs per resident                                | 0.0<br>adjusted users                           | 7,685,000.0<br>thousand adj sq. ft.                        | 1,920.0<br>thousand adj daily tons | 1,381,486.5<br>adj. buffer time index  | 10.5<br>adjusted points          | 7.0<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.0                                       | 0.0                            | 7.9                                   | 4.2                                      | 0.4                        | 0.4                                                      | 0.0                                             | 27.3                                                       | 0.1                                | 0.1                                    | 0.1                              | 13.5                                                     |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.0                                       |                                | 6.1                                   |                                          | 0.3                        |                                                          |                                                 | 16.4                                                       |                                    |                                        | 6.8                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 10%                                       |                                | 30%                                   |                                          | 15%                        |                                                          |                                                 | 35%                                                        |                                    |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 1.8                                   |                                          | 0.1                        |                                                          |                                                 | 5.7                                                        |                                    |                                        | 0.7                              |                                                          |                                                      |
| Project Benefit                                                | 8.3                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$29,051,670                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 2.9                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

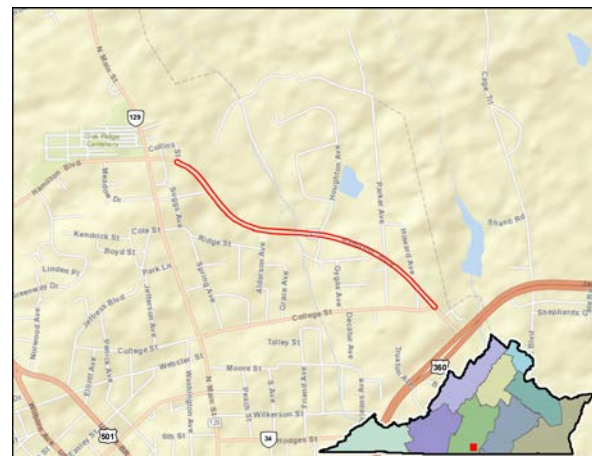
For more information on how to read a scorecard, click [here](#).

Hamilton Blvd. Corridor Improvements

App Id: 1611

Construct a 4 lane facility to better serve freight and commuter patterns serving the Route 501 Regional Network Corridor and through the Town Of South Boston to support the urban development area.

Project Location..... South Boston  
SMART SCALE Area Type..... D  
Submitting Entity..... South Boston Town  
Preliminary Engineering..... Not Needed  
Right of Way..... Not Needed  
Construction..... Not Needed  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... Locality  
Eligible Funding Program(s)..... District Grant  
VTrans Need..... South Boston UDA  
( Click for details )



**0.3**

SMART SCALE  
SCORE

**#363** OF 404 STATEWIDE

**#25** OF 28 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$26,558,030**

Total Project Cost..... **\$26,558,030**

Project Benefit..... **0.8**

Project Benefit / Total Cost..... **0.3**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 6.4<br>persons                            | 0.0<br>person hrs.             | 10.8<br>EPDO                          | 271.1<br>EPDO / 100M VMT                 | 0.0<br>jobs per resident   | 0.0<br>jobs per resident                                 | 9.6<br>adjusted users                           | 0.0<br>thousand adj sq. ft.                                | 0.0<br>thousand adj daily tons | 2,234,543.1<br>adj. buffer time index  | 12.8<br>adjusted points          | 0.7<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.1                                       | 0.0                            | 3.3                                   | 1.4                                      | 0.0                        | 0.0                                                      | 0.1                                             | 0.0                                                        | 0.0                            | 0.2                                    | 0.1                              | 1.3                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.0                                       |                                | 2.3                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.7                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 10%                                       |                                | 30%                                   |                                          | 15%                        |                                                          |                                                 | 35%                                                        |                                |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.7                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.1                              |                                                          |                                                      |
| Project Benefit                                                | 0.8                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$26,558,030                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 0.3                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

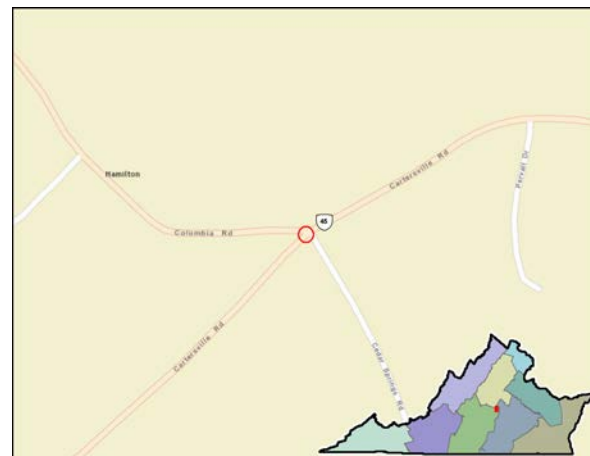
For more information on how to read a scorecard, click [here](#).

Columbia Road (690) and Cartersville Road (45)

App Id: 1676

Construct Roundabout at Route 690 at the intersection Route 45 to improve safety due to sight distance concerns and accidents.

Project Location..... Cumberland County  
SMART SCALE Area Type..... D  
Submitting Entity..... Cumberland County  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... District Grant  
VTrans Need..... Safety: Crash History and Geometric Issue  
( [Click for details](#) )



**6.9**

SMART SCALE  
SCORE

**#109** OF 404 STATEWIDE

**#6** OF 28 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$3,526,388**

Total Project Cost..... **\$3,526,388**

Project Benefit..... **2.4**

Project Benefit / Total Cost..... **6.9**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 0.0<br>persons                            | 0.2<br>person hrs.             | 1.6<br>EPDO                           | 2,769.5<br>EPDO / 100M VMT               | 0.0<br>jobs per resident   | 0.0<br>jobs per resident                                 | 0.0<br>adjusted users                           | 0.0<br>thousand adj sq. ft.                                | 0.0<br>thousand adj daily tons | 19,573.6<br>adj. buffer time index     | 0.0<br>adjusted points           | 2.1<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.0                                       | 0.0                            | 0.5                                   | 14.3                                     | 0.0                        | 0.0                                                      | 0.0                                             | 0.0                                                        | 0.0                            | 0.0                                    | 0.0                              | 4.1                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.0                                       |                                | 7.4                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 2.0                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 10%                                       |                                | 30%                                   |                                          | 15%                        |                                                          |                                                 | 35%                                                        |                                |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 2.2                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.2                              |                                                          |                                                      |
| Project Benefit                                                | 2.4                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$3,526,388                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 6.9                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |



# PROJECT SCORECARD

For more information on how to read a scorecard, click [here](#).

Route 60 and Route 13 Intersection Improvement

App Id: 1681

Reconstruct intersection to make a four-leg intersection with Route 60, Route 13 and Route 728. Construct a right and left turn lane for Route 13.

Project Location..... Cumberland County  
SMART SCALE Area Type..... D  
Submitting Entity..... Cumberland County  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... District Grant  
VTrans Need..... Safety: Crash History and Geometric Issue  
( [Click for details](#) )



**0.4**

SMART SCALE  
SCORE

**#347** OF 404 STATEWIDE

**#24** OF 28 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$4,999,685**

Total Project Cost..... **\$4,999,685**

Project Benefit..... **0.2**

Project Benefit / Total Cost..... **0.4**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 0.0<br>persons                            | 0.0<br>person hrs.             | 0.6<br>EPDO                           | 199.6<br>EPDO / 100M VMT                 | 0.0<br>jobs per resident   | 0.0<br>jobs per resident                                 | 0.0<br>adjusted users                           | 0.0<br>thousand adj sq. ft.                                | 0.0<br>thousand adj daily tons | 104,235.7<br>adj. buffer time index    | 0.0<br>adjusted points           | 0.2<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.0                                       | 0.0                            | 0.2                                   | 1.0                                      | 0.0                        | 0.0                                                      | 0.0                                             | 0.0                                                        | 0.0                            | 0.0                                    | 0.0                              | 0.3                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.0                                       |                                | 0.6                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.2                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 10%                                       |                                | 30%                                   |                                          | 15%                        |                                                          |                                                 | 35%                                                        |                                |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.2                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.0                              |                                                          |                                                      |
| Project Benefit                                                | 0.2                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$4,999,685                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 0.4                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |

## NORTHERN VIRGINIA DISTRICT

## NORTHERN VIRGINIA DISTRICT

| App # | Project Name                                                  | District Rank | State Rank | Smart Score | Page # |
|-------|---------------------------------------------------------------|---------------|------------|-------------|--------|
| 1415  | Columbia Pike Smart Corridor                                  | 1             | 3          | 217.4       | 06-50  |
| 1227  | Waxpool Rd/Loudoun County Pkwy Intersection Improvements      | 2             | 4          | 126.4       | 06-25  |
| 1334  | Park Avenue Multimodal Improvements                           | 3             | 19         | 46.6        | 06-48  |
| 1416  | Rosslyn-Ballston corridor multimodal connections              | 4             | 20         | 44.8        | 06-51  |
| 1333  | Broad Street Multimodal Improvements                          | 5             | 39         | 27.8        | 06-47  |
| 1186  | Route 123 & 243 Traffic Signal Upgrades                       | 6             | 49         | 20.1        | 06-14  |
| 1220  | DASH Bus Service and Facility Expansion                       | 7             | 50         | 19.0        | 06-22  |
| 1215  | West End Transitway - Southern Towers Transit Facilities      | 8             | 56         | 15.1        | 06-18  |
| 1230  | Loudoun Park and Ride                                         | 9             | 66         | 11.6        | 06-27  |
| 1120  | Arcola Boulevard (Route 50 to Route 606)                      | 10            | 70         | 11.0        | 06-08  |
| 1280  | Traffic Adaptive Signal Control Fiber Optic                   | 11            | 72         | 10.9        | 06-35  |
| 1277  | Backlick Run Trail Phase I                                    | 12            | 81         | 9.3         | 06-33  |
| 1244  | Acquisition of Transit Buses                                  | 13            | 94         | 8.2         | 06-31  |
| 1249  | VA 286 - Popes Head Road Interchange                          | 14            | 100        | 7.4         | 06-32  |
| 1218  | Route 7/ Route 690 Interchange                                | 15            | 103        | 7.2         | 06-20  |
| 1414  | VRE Fredericksburg Line Capacity Expansion                    | 16            | 107        | 6.9         | 06-49  |
| 1219  | Route 7/ Route 287 Interchange                                | 17            | 108        | 6.9         | 06-21  |
| 1605  | Neabsco Mills Road Widening w/ Potomac Town Center Garage     | 18            | 111        | 6.8         | 06-54  |
| 1119  | Route 29 Widening (Union Mill Road to Buckley's Gate Drive)   | 19            | 124        | 6.0         | 06-07  |
| 1175  | East Elden Street Widening and Improvements                   | 20            | 128        | 5.7         | 06-13  |
| 1229  | Westwind Drive (Loudoun County Parkway to Route 606)          | 21            | 137        | 4.7         | 06-26  |
| 1201  | Farmwell Road (Smith Switch Rd to Ashburn Rd)                 | 22            | 138        | 4.7         | 06-15  |
| 1678  | 1A - Northstar Boulevard (U.S. 50 to Shreveport Drive)        | 23            | 144        | 4.3         | 06-57  |
| 1125  | Dulles West Boulevard(Loudoun County Pkwy to Northstar Blvd)  | 24            | 150        | 3.8         | 06-11  |
| 1046  | George Snyder Trail                                           | 25            | 151        | 3.8         | 06-02  |
| 1279  | Van Dorn Metro Multimodal Bridge                              | 26            | 152        | 3.8         | 06-34  |
| 1239  | Atlantic Boulevard Pedestrian Improvements                    | 27            | 162        | 3.5         | 06-29  |
| 1121  | Northstar Boulevard (Braddock Road to Shreveport Drive)       | 28            | 163        | 3.4         | 06-09  |
| 1216  | Prentice Drive Extension (Shellhorn Road to Lockridge Road)   | 29            | 167        | 3.4         | 06-19  |
| 1293  | Route 234 At Balls Ford Intrchnng and Rel/Widen Balls Ford Rd | 30            | 170        | 3.3         | 06-37  |
| 1213  | Pacific Boulevard (Route 28 to Old Ox Road)                   | 31            | 173        | 3.2         | 06-17  |
| 1240  | Loudoun County Parkway (Shellhorn Road to US Route 50)        | 32            | 178        | 3.0         | 06-30  |

## NORTHERN VIRGINIA DISTRICT

| App # | Project Name                                                 | District Rank | State Rank | Smart Score | Page # |
|-------|--------------------------------------------------------------|---------------|------------|-------------|--------|
| 1225  | Shellhorn Rd/Sterling Blvd(LoudounCountyPkwY to Randolph Dr) | 33            | 181        | 2.9         | 06-24  |
| 1126  | Evergreen Mills Road (Northstar Blvd to Loudoun County PkwY) | 34            | 183        | 2.9         | 06-12  |
| 1223  | Route 9/Route 287 Roundabout                                 | 35            | 188        | 2.8         | 06-23  |
| 1300  | Widen Telegraph Road from Minnieville to Prince William PkwY | 36            | 191        | 2.7         | 06-42  |
| 1680  | 1B - Northstar Boulevard (Braddock Road to US 50)            | 37            | 228        | 2.0         | 06-58  |
| 1304  | Balls Ford Road Widening - Groveton Road to Route 234 Bus.   | 38            | 245        | 1.7         | 06-45  |
| 1116  | Seven Corners Ring Road (Phase 1A Segment 1A)                | 39            | 246        | 1.6         | 06-04  |
| 1115  | Richmond Highway Widening (Mt Vernon Hwy to Napper Rd)       | 40            | 255        | 1.5         | 06-03  |
| 1007  | Richmond Highway-Bus Rapid Transit                           | 41            | 258        | 1.5         | 06-01  |
| 1532  | Construct Summit School Road From Existing to Telegraph Road | 42            | 273        | 1.2         | 06-53  |
| 1436  | Route 1 (Fraley Boulevard) Widening                          | 43            | 274        | 1.2         | 06-52  |
| 1295  | Neabsco Mills Road Widening                                  | 44            | 276        | 1.1         | 06-38  |
| 1292  | Route 15 Improvement with Railroad Overpass                  | 45            | 295        | 0.9         | 06-36  |
| 1618  | Rte 15 Leesburg Bypass Interchange with Edwards Ferry Road   | 46            | 296        | 0.8         | 06-55  |
| 1631  | Hillsboro's Historic Main Street—Traffic Calming & Sidewalks | 47            | 297        | 0.8         | 06-56  |
| 1296  | Route 234 Bypass at Dumfries/PWP/Brentsville Rd Interchange  | 48            | 298        | 0.8         | 06-39  |
| 1298  | Route 1 & 123 Interchange                                    | 49            | 299        | 0.8         | 06-40  |
| 1299  | Route 1/Jeff Davis Widening from Cardinal/Neabsco to Rte 234 | 50            | 306        | 0.7         | 06-41  |
| 1117  | Frontier Drive Extension                                     | 51            | 313        | 0.7         | 06-05  |
| 1238  | Historic Hillsboro's Main Street: Gateway to Rural Loudoun   | 52            | 318        | 0.7         | 06-28  |
| 1207  | Lockridge Road (Old Ox Rd to Prentice Dr)                    | 53            | 322        | 0.6         | 06-16  |
| 1118  | Soapstone Connector/Dulles Toll Road Overpass                | 54            | 324        | 0.6         | 06-06  |
| 1124  | Crosstrail Boulevard (Kincaid Blvd to Russell Branch PkwY)   | 55            | 329        | 0.6         | 06-10  |
| 1302  | University Boulevard Extension                               | 56            | 335        | 0.5         | 06-43  |
| 1303  | Van Buren, New Road & Bridge                                 | 57            | 337        | 0.5         | 06-44  |
| 1306  | Wellington Road Widening from Devlin Road to Rt. 234 bypass  | 58            | 385        | 0.1         | 06-46  |



# PROJECT SCORECARD

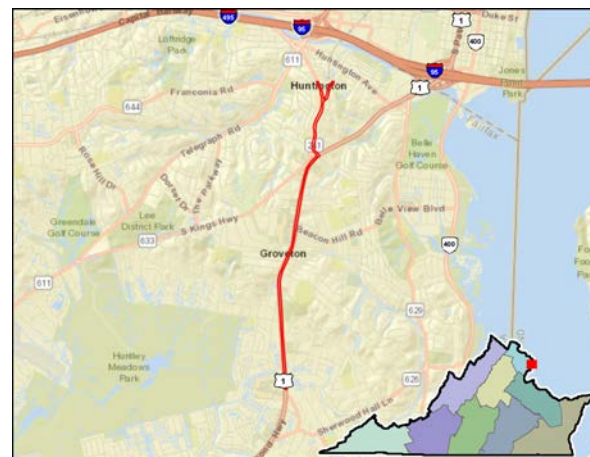
For more information on how to read a scorecard, click here.

Richmond Highway-Bus Rapid Transit

App Id: 1007

The Richmond Highway (Route 1) Bus Rapid Transit (BRT) project includes median running BRT from Huntington Metro Area to Hybla Valley. The project will include: new transit stations, facilities for bicycle, pedestrian and vehicle travel modes.

Project Location..... Fairfax County  
SMART SCALE Area Type..... A  
Submitting Entity..... Fairfax County  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... Locality  
Eligible Funding Program(s)..... Both  
VTrans Need..... Washington to North Carolina CoSS  
( Click for details )



**1.5**

SMART SCALE  
SCORE

**#258** OF 404 STATEWIDE

**#41** OF 58 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$101,561,367**

Total Project Cost..... **\$324,635,300**

Project Benefit..... **14.9**

Project Benefit / Total Cost..... **0.5**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 462.6<br>persons                          | 0.0<br>person hrs.             | 2.4<br>EPDO                           | 0.0<br>EPDO / 100M VMT                   | 813.4<br>jobs per resident | 821.4<br>jobs per resident                               | 2,313.1<br>adjusted users                       | 866,016.0<br>thousand adj sq. ft.                          | 0.0<br>thousand adj daily tons | 38,504.6<br>adj. buffer time index     | 2,544.4<br>adjusted points       | 11.5<br>scaled points                                    | 43,225.7<br>adjusted jobs & pop.                     |
| Normalized Measure Value (0-100)                               | 4.6                                       | 0.0                            | 0.7                                   | 0.0                                      | 31.0                       | 31.2                                                     | 15.8                                            | 3.1                                                        | 0.0                            | 0.0                                    | 14.9                             | 22.3                                                     | 38.2                                                 |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 100%                                  | 0%                                       | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 2.3                                       |                                | 0.7                                   |                                          | 28.0                       |                                                          |                                                 | 1.8                                                        |                                |                                        | 18.6                             |                                                          | 38.2                                                 |
| Factor Weight (% of Project Score)                             | 45%                                       |                                | 5%                                    |                                          | 15%                        |                                                          |                                                 | 5%                                                         |                                |                                        | 10%                              |                                                          | 20%                                                  |
| Weighted Factor Value                                          | 1.0                                       |                                | 0.0                                   |                                          | 4.2                        |                                                          |                                                 | 0.1                                                        |                                |                                        | 1.9                              |                                                          | 7.6                                                  |
| Project Benefit                                                | 14.9                                      |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$101,561,367                             |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 1.5                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

For more information on how to read a scorecard, click [here](#).

George Snyder Trail

App Id: 1046

The project is construction of 1.4 miles of a 10-foot wide shared-use path. The trail will be constructed along the south side of the Accotink Creek and will run east/west between Chain Bridge Road and Fairfax Boulevard at Draper Drive.

Project Location..... Fairfax  
SMART SCALE Area Type..... A  
Submitting Entity..... Fairfax City  
Preliminary Engineering..... Underway  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... MPO  
Administered By..... Locality  
Eligible Funding Program(s)..... Both  
VTrans Need..... Northern Virginia Regional Network  
( [Click for details](#) )



**3.8**

SMART SCALE  
SCORE

**#151** OF 404 STATEWIDE

**#25** OF 58 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$14,822,922**

Total Project Cost..... **\$15,192,922**

Project Benefit..... **5.6**

Project Benefit / Total Cost..... **3.7**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 56.7<br>persons                           | 0.0<br>person hrs.             | 0.0<br>EPDO                           | 0.0<br>EPDO / 100M VMT                   | 0.0<br>jobs per resident   | 0.0<br>jobs per resident                                 | 226.7<br>adjusted users                         | 7,320,000.0<br>thousand adj sq. ft.                        | 0.0<br>thousand adj daily tons | 0.0<br>adj. buffer time index          | 226.7<br>adjusted points         | 4.7<br>scaled points                                     | 23,543.0<br>adjusted jobs & pop.                     |
| Normalized Measure Value (0-100)                               | 0.6                                       | 0.0                            | 0.0                                   | 0.0                                      | 0.0                        | 0.0                                                      | 1.6                                             | 26.0                                                       | 0.0                            | 0.0                                    | 1.3                              | 9.2                                                      | 20.8                                                 |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 0.3                                       |                                | 0.0                                   |                                          | 0.3                        |                                                          |                                                 | 15.6                                                       |                                |                                        | 5.3                              |                                                          | 20.8                                                 |
| Factor Weight (% of Project Score)                             | 45%                                       |                                | 5%                                    |                                          | 15%                        |                                                          |                                                 | 5%                                                         |                                |                                        | 10%                              |                                                          | 20%                                                  |
| Weighted Factor Value                                          | 0.1                                       |                                | 0.0                                   |                                          | 0.0                        |                                                          |                                                 | 0.8                                                        |                                |                                        | 0.5                              |                                                          | 4.2                                                  |
| Project Benefit                                                | 5.6                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$14,822,922                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 3.8                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

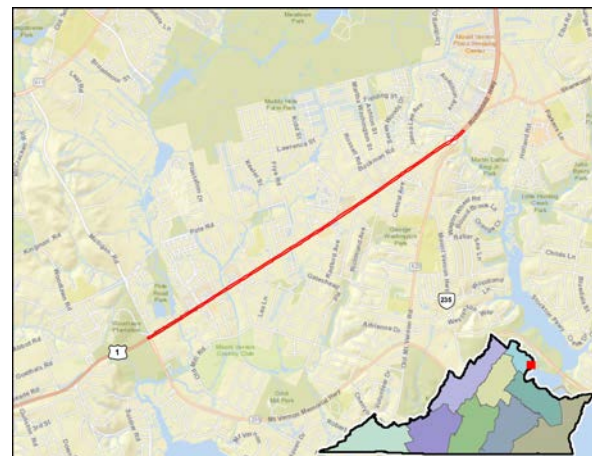
For more information on how to read a scorecard, click [here](#).

Richmond Highway Widening (Mt Vernon Hwy to Napper Rd)

App Id: 1115

Richmond Highway widening project is 2.9 miles long and includes widening from 4 to 6 lanes between Mt. Vernon Memorial Highway/Jeff Todd Way and Napper Road.

Project Location..... Fairfax County  
SMART SCALE Area Type..... A  
Submitting Entity..... Fairfax County  
Preliminary Engineering..... Underway  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... \$1,910,183  
Key Fund Sources..... MPO/Local/RS or Other CTB Grant  
Administered By..... VDOT  
Eligible Funding Program(s)..... Both  
VTrans Need..... Washington to North Carolina CoSS  
( [Click for details](#) )



**1.5**

SMART SCALE  
SCORE

**#255** OF 404 STATEWIDE

**#40** OF 58 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$90,000,000**

Total Project Cost..... **\$214,772,900**

Project Benefit..... **13.4**

Project Benefit / Total Cost..... **0.6**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                         | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|-----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability  | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 437.0<br>persons                          | 460.4<br>person hrs.           | 204.3<br>EPDO                         | 540.3<br>EPDO / 100M VMT                 | 139.4<br>jobs per resident | 140.2<br>jobs per resident                               | 2,007.0<br>adjusted users                       | 684,474.5<br>thousand adj sq. ft.                          | 0.0<br>thousand adj daily tons | 145,896,810.6<br>adj. buffer time index | 2,007.0<br>adjusted points       | 10.6<br>scaled points                                    | 26,982.7<br>adjusted jobs & pop.                     |
| Normalized Measure Value (0-100)                               | 4.3                                       | 14.2                           | 62.2                                  | 2.8                                      | 5.3                        | 5.3                                                      | 13.7                                            | 2.4                                                        | 0.0                            | 10.7                                    | 11.7                             | 20.5                                                     | 23.8                                                 |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                     | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 9.2                                       |                                | 32.5                                  |                                          | 7.0                        |                                                          |                                                 | 3.6                                                        |                                |                                         | 16.1                             |                                                          | 23.8                                                 |
| Factor Weight (% of Project Score)                             | 45%                                       |                                | 5%                                    |                                          | 15%                        |                                                          |                                                 | 5%                                                         |                                |                                         | 10%                              |                                                          | 20%                                                  |
| Weighted Factor Value                                          | 4.2                                       |                                | 1.6                                   |                                          | 1.1                        |                                                          |                                                 | 0.2                                                        |                                |                                         | 1.6                              |                                                          | 4.8                                                  |
| Project Benefit                                                | 13.4                                      |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                         |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$90,000,000                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                         |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 1.5                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                         |                                  |                                                          |                                                      |



# PROJECT SCORECARD

For more information on how to read a scorecard, click [here](#).

Seven Corners Ring Road (Phase 1A Segment 1A)

App Id: 1116

Seven Corners Interchange Improvements - Improvements to existing interchange at Seven Corners to reduce congestion on Route 7, improve access between Seven Corners, Falls Church, and Bailey's Crossroads, and facilitate redevelopment of the area.

Project Location..... Fairfax County  
SMART SCALE Area Type..... A  
Submitting Entity..... Fairfax County  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... Both  
VTrans Need..... Northern Virginia Corridor CoSS  
( [Click for details](#) )



**1.6**

SMART SCALE  
SCORE

**#246** OF 404 STATEWIDE

**#39** OF 58 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$52,100,000**

Total Project Cost..... **\$71,934,200**

Project Benefit..... **8.5**

Project Benefit / Total Cost..... **1.2**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 146.6<br>persons                          | 49.0<br>person hrs.            | 1.5<br>EPDO                           | 343.2<br>EPDO / 100M VMT                 | 32.8<br>jobs per resident  | 33.0<br>jobs per resident                                | 238.1<br>adjusted users                         | 1,410,315.0<br>thousand adj sq. ft.                        | 0.0<br>thousand adj daily tons | 7,342.4<br>adj. buffer time index      | 238.1<br>adjusted points         | 7.3<br>scaled points                                     | 37,490.1<br>adjusted jobs & pop.                     |
| Normalized Measure Value (0-100)                               | 1.4                                       | 1.5                            | 0.5                                   | 1.8                                      | 1.3                        | 1.3                                                      | 1.6                                             | 5.0                                                        | 0.0                            | 0.0                                    | 1.4                              | 14.2                                                     | 33.1                                                 |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 1.5                                       |                                | 1.1                                   |                                          | 1.3                        |                                                          |                                                 | 3.0                                                        |                                |                                        | 7.8                              |                                                          | 33.1                                                 |
| Factor Weight (% of Project Score)                             | 45%                                       |                                | 5%                                    |                                          | 15%                        |                                                          |                                                 | 5%                                                         |                                |                                        | 10%                              |                                                          | 20%                                                  |
| Weighted Factor Value                                          | 0.7                                       |                                | 0.1                                   |                                          | 0.2                        |                                                          |                                                 | 0.2                                                        |                                |                                        | 0.8                              |                                                          | 6.6                                                  |
| Project Benefit                                                | 8.5                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$52,100,000                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 1.6                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |



# PROJECT SCORECARD

For more information on how to read a scorecard, click [here](#).

Frontier Drive Extension

App Id: 1117

Extend Frontier Drive from its terminus south of the Franconia-Springfield Parkway to Loisdale Road, including improved access to the Franconia-Springfield Metrorail Station and braided ramps to and from the Franconia-Springfield Parkway.

Project Location..... Fairfax County  
SMART SCALE Area Type..... A  
Submitting Entity..... Fairfax County  
Preliminary Engineering..... Underway  
Right of Way..... Not Needed  
Construction..... Not Started  
Expenditures to Date..... \$1,364,866  
Key Fund Sources..... Local  
Administered By..... VDOT  
Eligible Funding Program(s)..... Both  
VTrans Need..... Northern Virginia Regional Network  
( [Click for details](#) )



**0.7**

SMART SCALE  
SCORE

**#313** OF 404 STATEWIDE

**#51** OF 58 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$82,589,500**

Total Project Cost..... **\$92,589,500**

Project Benefit..... **5.8**

Project Benefit / Total Cost..... **0.6**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                    |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted             | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 32.4<br>persons                           | 12.0<br>person hrs.            | 3.3<br>EPDO                           | 10.2<br>EPDO / 100M VMT                  | 1.2<br>jobs per resident   | 1.3<br>jobs per resident                                 | 36.8<br>adjusted users                          | 2,051,856.0<br>thousand adj sq. ft.                        | 4,900.8<br>thousand adj daily tons | 2,282,724.6<br>adj. buffer time index  | 51.5<br>adjusted points          | 5.0<br>scaled points                                     | 27,379.4<br>adjusted jobs & pop.                     |
| Normalized Measure Value (0-100)                               | 0.3                                       | 0.4                            | 1.0                                   | 0.1                                      | 0.0                        | 0.0                                                      | 0.3                                             | 7.3                                                        | 0.3                                | 0.2                                    | 0.3                              | 9.7                                                      | 24.2                                                 |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 0.3                                       |                                | 0.5                                   |                                          | 0.1                        |                                                          |                                                 | 4.5                                                        |                                    |                                        | 5.0                              |                                                          | 24.2                                                 |
| Factor Weight (% of Project Score)                             | 45%                                       |                                | 5%                                    |                                          | 15%                        |                                                          |                                                 | 5%                                                         |                                    |                                        | 10%                              |                                                          | 20%                                                  |
| Weighted Factor Value                                          | 0.2                                       |                                | 0.0                                   |                                          | 0.0                        |                                                          |                                                 | 0.2                                                        |                                    |                                        | 0.5                              |                                                          | 4.8                                                  |
| Project Benefit                                                | 5.8                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$82,589,500                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 0.7                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

For more information on how to read a scorecard, click here.

Soapstone Connector/Dulles Toll Road Overpass

App Id: 1118

The Soapstone Connector is a new roadway, approximately one-half mile long between Sunrise Valley Drive and Sunset Hills Road, in Fairfax County (Reston), Virginia.

Project Location..... Fairfax County  
SMART SCALE Area Type..... A  
Submitting Entity..... Fairfax County  
Preliminary Engineering..... Underway  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... Both  
VTrans Need..... Northern Virginia Regional Network  
( Click for details )



**0.6**

SMART SCALE  
SCORE

**#324** OF 404 STATEWIDE

**#54** OF 58 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$90,648,350**

Total Project Cost..... **\$169,854,050**

Project Benefit..... **5.5**

Project Benefit / Total Cost..... **0.3**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                    |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted             | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 92.8<br>persons                           | 40.0<br>person hrs.            | 0.0<br>EPDO                           | 0.0<br>EPDO / 100M VMT                   | 8.4<br>jobs per resident   | 8.4<br>jobs per resident                                 | 41.3<br>adjusted users                          | 860,666.3<br>thousand adj sq. ft.                          | 5,494.8<br>thousand adj daily tons | 3,271,394.9<br>adj. buffer time index  | 55.0<br>adjusted points          | 4.4<br>scaled points                                     | 25,128.9<br>adjusted jobs & pop.                     |
| Normalized Measure Value (0-100)                               | 0.9                                       | 1.2                            | 0.0                                   | 0.0                                      | 0.3                        | 0.3                                                      | 0.3                                             | 3.1                                                        | 0.3                                | 0.2                                    | 0.3                              | 8.6                                                      | 22.2                                                 |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 1.1                                       |                                | 0.0                                   |                                          | 0.3                        |                                                          |                                                 | 1.9                                                        |                                    |                                        | 4.5                              |                                                          | 22.2                                                 |
| Factor Weight (% of Project Score)                             | 45%                                       |                                | 5%                                    |                                          | 15%                        |                                                          |                                                 | 5%                                                         |                                    |                                        | 10%                              |                                                          | 20%                                                  |
| Weighted Factor Value                                          | 0.5                                       |                                | 0.0                                   |                                          | 0.0                        |                                                          |                                                 | 0.1                                                        |                                    |                                        | 0.4                              |                                                          | 4.4                                                  |
| Project Benefit                                                | 5.5                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$90,648,350                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 0.6                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

For more information on how to read a scorecard, click [here](#).

Route 29 Widening (Union Mill Road to Buckley's Gate Drive)

App Id: 1119

Widen Route 29 from four to six lanes from Union Mill Road to Buckley's Gate Drive/Summit Drive, including intersections improvements and pedestrian and bicycle facilities.

Project Location..... Fairfax County  
SMART SCALE Area Type..... A  
Submitting Entity..... Fairfax County  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... Both  
VTrans Need..... Northern Virginia Corridor CoSS  
( Click for details )



**6.0**

SMART SCALE  
SCORE

**#124** OF 404 STATEWIDE

**#19** OF 58 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$53,766,900**

Total Project Cost..... **\$66,973,500**

Project Benefit..... **32.5**

Project Benefit / Total Cost..... **4.8**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 7,983.8<br>persons                        | 1,328.0<br>person hrs.         | 43.4<br>EPDO                          | 229.0<br>EPDO / 100M VMT                 | 79.0<br>jobs per resident  | 80.6<br>jobs per resident                                | 999.4<br>adjusted users                         | 1,237,694.7<br>thousand adj sq. ft.                        | 0.0<br>thousand adj daily tons | 53,145,129.7<br>adj. buffer time index | 1,332.6<br>adjusted points       | 27.3<br>scaled points                                    | 8,076.6<br>adjusted jobs & pop.                      |
| Normalized Measure Value (0-100)                               | 78.8                                      | 40.9                           | 13.2                                  | 1.2                                      | 3.0                        | 3.1                                                      | 6.8                                             | 4.4                                                        | 0.0                            | 3.9                                    | 7.8                              | 53.0                                                     | 7.1                                                  |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 59.8                                      |                                | 7.2                                   |                                          | 3.8                        |                                                          |                                                 | 3.4                                                        |                                |                                        | 30.4                             |                                                          | 7.1                                                  |
| Factor Weight (% of Project Score)                             | 45%                                       |                                | 5%                                    |                                          | 15%                        |                                                          |                                                 | 5%                                                         |                                |                                        | 10%                              |                                                          | 20%                                                  |
| Weighted Factor Value                                          | 26.9                                      |                                | 0.4                                   |                                          | 0.6                        |                                                          |                                                 | 0.2                                                        |                                |                                        | 3.0                              |                                                          | 1.4                                                  |
| Project Benefit                                                | 32.5                                      |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$53,766,900                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 6.0                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |



# PROJECT SCORECARD

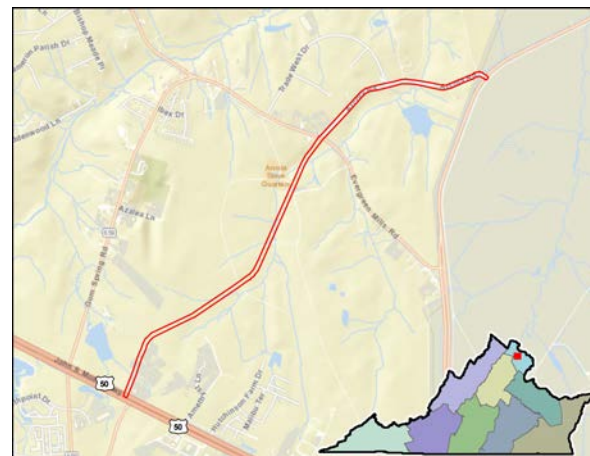
For more information on how to read a scorecard, click here.

Arcola Boulevard (Route 50 to Route 606)

App Id: 1120

Construction of a four-lane divided highway between US Route 50 and Loudoun County Parkway (VA Route 606).

Project Location..... Loudoun County  
SMART SCALE Area Type..... A  
Submitting Entity..... Loudoun County  
Preliminary Engineering..... Underway  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... Locality  
Eligible Funding Program(s)..... Both  
VTrans Need..... Northern Virginia Regional Network  
( Click for details )



**11.0**

SMART SCALE  
SCORE

**#70**

OF 404 STATEWIDE

**#10**

OF 58 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$28,969,930**

Total Project Cost..... **\$54,927,930**

Project Benefit..... **31.9**

Project Benefit / Total Cost..... **5.8**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                      |                                         | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------------|-----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted               | Improvement to Travel Time Reliability  | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 4,338.0<br>persons                        | 2,143.0<br>person hrs.         | 0.0<br>EPDO                           | 0.0<br>EPDO / 100M VMT                   | 356.5<br>jobs per resident | 362.6<br>jobs per resident                               | 155.9<br>adjusted users                         | 9,236,240.0<br>thousand adj sq. ft.                        | 131,752.0<br>thousand adj daily tons | 107,098,361.1<br>adj. buffer time index | 3,492.8<br>adjusted points       | 26.3<br>scaled points                                    | 5,923.3<br>adjusted jobs & pop.                      |
| Normalized Measure Value (0-100)                               | 42.8                                      | 65.9                           | 0.0                                   | 0.0                                      | 13.6                       | 13.8                                                     | 1.1                                             | 32.8                                                       | 7.8                                  | 7.9                                     | 20.4                             | 51.1                                                     | 5.2                                                  |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                  | 20%                                     | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 54.4                                      |                                | 0.0                                   |                                          | 11.1                       |                                                          |                                                 | 22.8                                                       |                                      |                                         | 35.7                             |                                                          | 5.2                                                  |
| Factor Weight (% of Project Score)                             | 45%                                       |                                | 5%                                    |                                          | 15%                        |                                                          |                                                 | 5%                                                         |                                      |                                         | 10%                              |                                                          | 20%                                                  |
| Weighted Factor Value                                          | 24.5                                      |                                | 0.0                                   |                                          | 1.7                        |                                                          |                                                 | 1.1                                                        |                                      |                                         | 3.6                              |                                                          | 1.0                                                  |
| Project Benefit                                                | 31.9                                      |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                      |                                         |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$28,969,930                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                      |                                         |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 11.0                                      |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                      |                                         |                                  |                                                          |                                                      |



# PROJECT SCORECARD

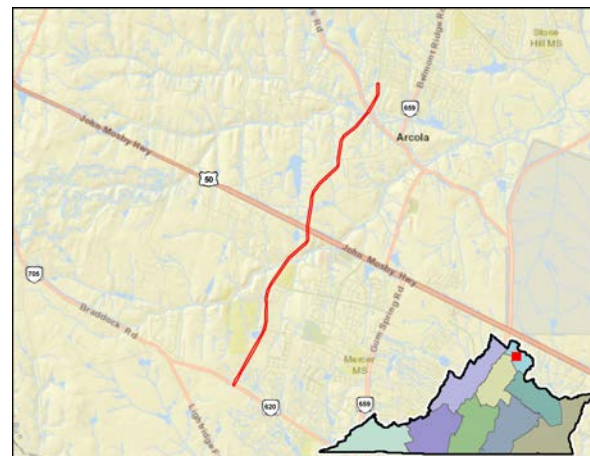
For more information on how to read a scorecard, click [here](#).

Northstar Boulevard (Braddock Road to Shreveport Drive)

App Id: 1121

Northstar Boulevard will be a 4-lane controlled access divided road within a 6-lane right-of-way from Braddock Road to Shreveport Drive including 5,800 ft roadway widening, 11,800 ft new roadway, seven new traffic signals, and two bridge structures.

Project Location..... Loudoun County  
SMART SCALE Area Type..... A  
Submitting Entity..... Loudoun County  
Preliminary Engineering..... Underway  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... \$268,067  
Key Fund Sources..... RS or Other CTB Grant  
Administered By..... Locality  
Eligible Funding Program(s)..... Both  
VTrans Need..... North-South Corridor CoSS  
( Click for details )



**3.4**

SMART SCALE  
SCORE

**#163** OF 404 STATEWIDE

**#28** OF 58 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$70,727,700**

Total Project Cost..... **\$114,206,700**

Project Benefit..... **24.4**

Project Benefit / Total Cost..... **2.1**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                     |                                         | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|-------------------------------------|-----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted              | Improvement to Travel Time Reliability  | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 3,482.5<br>persons                        | 1,720.0<br>person hrs.         | 0.0<br>EPDO                           | 0.0<br>EPDO / 100M VMT                   | 131.8<br>jobs per resident | 134.6<br>jobs per resident                               | 124.5<br>adjusted users                         | 771,368.3<br>thousand adj sq. ft.                          | 14,792.8<br>thousand adj daily tons | 172,312,711.7<br>adj. buffer time index | 166.0<br>adjusted points         | 20.6<br>scaled points                                    | 10,579.1<br>adjusted jobs & pop.                     |
| Normalized Measure Value (0-100)                               | 34.4                                      | 52.9                           | 0.0                                   | 0.0                                      | 5.0                        | 5.1                                                      | 0.9                                             | 2.7                                                        | 0.9                                 | 12.6                                    | 1.0                              | 40.0                                                     | 9.3                                                  |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                 | 20%                                     | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 43.6                                      |                                | 0.0                                   |                                          | 4.2                        |                                                          |                                                 | 4.3                                                        |                                     |                                         | 20.5                             |                                                          | 9.3                                                  |
| Factor Weight (% of Project Score)                             | 45%                                       |                                | 5%                                    |                                          | 15%                        |                                                          |                                                 | 5%                                                         |                                     |                                         | 10%                              |                                                          | 20%                                                  |
| Weighted Factor Value                                          | 19.6                                      |                                | 0.0                                   |                                          | 0.6                        |                                                          |                                                 | 0.2                                                        |                                     |                                         | 2.0                              |                                                          | 1.9                                                  |
| Project Benefit                                                | 24.4                                      |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                         |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$70,727,700                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                         |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 3.4                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                         |                                  |                                                          |                                                      |

# PROJECT SCORECARD

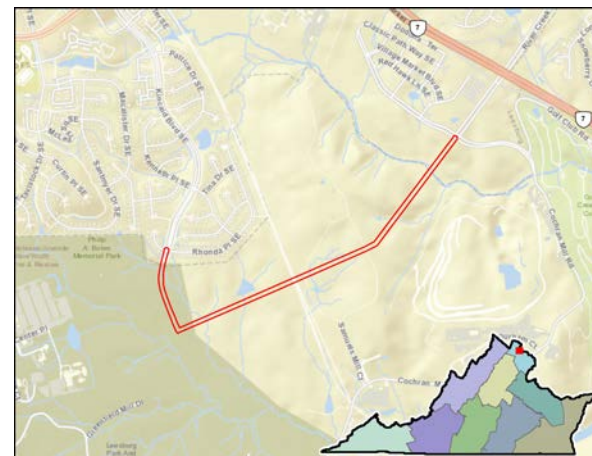
For more information on how to read a scorecard, click [here](#).

Crosstrail Boulevard (Kincaid Blvd to Russell Branch Pkwy)

App Id: 1124

Construction of four-lane section of Crosstrail Boulevard from Kindcaid Boulevard to Russell Branch Parkway

Project Location..... Multiple  
 SMART SCALE Area Type..... A  
 Submitting Entity..... Loudoun County  
 Preliminary Engineering..... Underway  
 Right of Way..... Not Started  
 Construction..... Not Started  
 Expenditures to Date..... N/A  
 Key Fund Sources..... N/A  
 Administered By..... Locality  
 Eligible Funding Program(s)..... Both  
 VTrans Need..... Northern Virginia Regional Network  
 ( [Click for details](#) )



**0.6**

SMART SCALE  
SCORE

**#329** OF 404 STATEWIDE

**#55** OF 58 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$40,124,250**

Total Project Cost..... **\$42,124,250**

Project Benefit..... **2.2**

Project Benefit / Total Cost..... **0.5**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                  |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|----------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted           | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 75.0<br>persons                           | 36.0<br>person hrs.            | 0.0<br>EPDO                           | 0.0<br>EPDO / 100M VMT                   | 0.0<br>jobs per resident   | 0.0<br>jobs per resident                                 | 5.9<br>adjusted users                           | 0.0<br>thousand adj sq. ft.                                | 820.2<br>thousand adj daily tons | 3,571,426.1<br>adj. buffer time index  | 7.9<br>adjusted points           | 1.6<br>scaled points                                     | 9,349.1<br>adjusted jobs & pop.                      |
| Normalized Measure Value (0-100)                               | 0.7                                       | 1.1                            | 0.0                                   | 0.0                                      | 0.0                        | 0.0                                                      | 0.0                                             | 0.0                                                        | 0.0                              | 0.3                                    | 0.0                              | 3.2                                                      | 8.3                                                  |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                              | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 0.9                                       |                                | 0.0                                   |                                          | 0.0                        |                                                          |                                                 | 0.1                                                        |                                  |                                        | 1.6                              |                                                          | 8.3                                                  |
| Factor Weight (% of Project Score)                             | 45%                                       |                                | 5%                                    |                                          | 15%                        |                                                          |                                                 | 5%                                                         |                                  |                                        | 10%                              |                                                          | 20%                                                  |
| Weighted Factor Value                                          | 0.4                                       |                                | 0.0                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                  |                                        | 0.2                              |                                                          | 1.7                                                  |
| Project Benefit                                                | 2.2                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                  |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$40,124,250                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                  |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 0.6                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                  |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

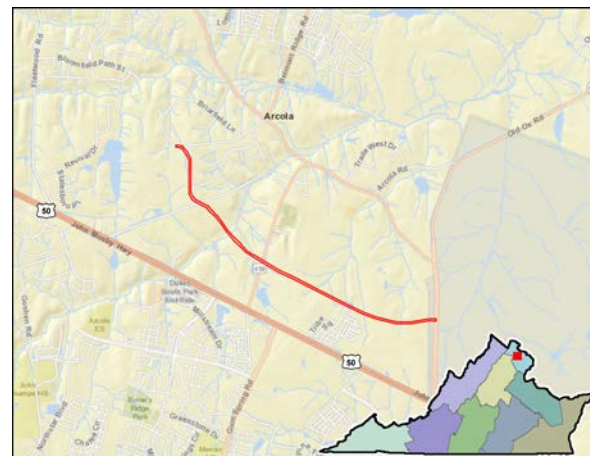
For more information on how to read a scorecard, click here.

Dulles West Boulevard(Loudoun County Pkwy to Northstar Blvd)

App Id: 1125

Construction of four-lane east-west connector roadway from Northstar Boulevard to Loudoun County Parkway (VA Route 606)

Project Location..... Loudoun County  
SMART SCALE Area Type..... A  
Submitting Entity..... Loudoun County  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... Locality  
Eligible Funding Program(s)..... Both  
VTrans Need..... Northern Virginia Regional Network  
( Click for details )



**3.8**

SMART SCALE  
SCORE

**#150** OF 404 STATEWIDE

**#24** OF 58 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$65,021,200**

Total Project Cost..... **\$67,535,200**

Project Benefit..... **24.8**

Project Benefit / Total Cost..... **3.7**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                     |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|-------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted              | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 3,404.4<br>persons                        | 1,694.0<br>person hrs.         | 0.0<br>EPDO                           | 0.0<br>EPDO / 100M VMT                   | 83.2<br>jobs per resident  | 84.6<br>jobs per resident                                | 86.8<br>adjusted users                          | 10,103,811.0<br>thousand adj sq. ft.                       | 23,645.8<br>thousand adj daily tons | 54,322,526.1<br>adj. buffer time index | 104.2<br>adjusted points         | 20.6<br>scaled points                                    | 10,950.7<br>adjusted jobs & pop.                     |
| Normalized Measure Value (0-100)                               | 33.6                                      | 52.1                           | 0.0                                   | 0.0                                      | 3.2                        | 3.2                                                      | 0.6                                             | 35.9                                                       | 1.4                                 | 4.0                                    | 0.6                              | 40.1                                                     | 9.7                                                  |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                 | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 42.8                                      |                                | 0.0                                   |                                          | 2.7                        |                                                          |                                                 | 22.6                                                       |                                     |                                        | 20.3                             |                                                          | 9.7                                                  |
| Factor Weight (% of Project Score)                             | 45%                                       |                                | 5%                                    |                                          | 15%                        |                                                          |                                                 | 5%                                                         |                                     |                                        | 10%                              |                                                          | 20%                                                  |
| Weighted Factor Value                                          | 19.3                                      |                                | 0.0                                   |                                          | 0.4                        |                                                          |                                                 | 1.1                                                        |                                     |                                        | 2.0                              |                                                          | 1.9                                                  |
| Project Benefit                                                | 24.8                                      |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$65,021,200                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 3.8                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |



# PROJECT SCORECARD

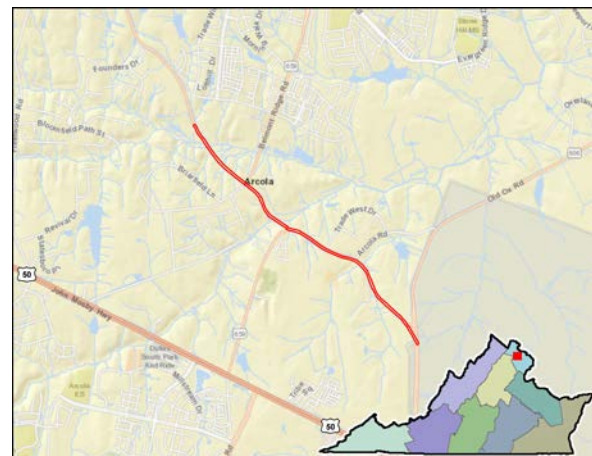
For more information on how to read a scorecard, click here.

Evergreen Mills Road (Northstar Blvd to Loudoun County Pkwy)

App Id: 1126

Evergreen Mills Road (VA 621) roadway widening from two to four lanes between Northstar Boulevard (Route 659 relocated) and Loudoun County Parkway.

Project Location..... Loudoun County  
 SMART SCALE Area Type..... A  
 Submitting Entity..... Loudoun County  
 Preliminary Engineering..... Underway  
 Right of Way..... Not Started  
 Construction..... Not Started  
 Expenditures to Date..... N/A  
 Key Fund Sources..... N/A  
 Administered By..... Locality  
 Eligible Funding Program(s)..... Both  
 VTrans Need..... Northern Virginia Regional Network  
 ( Click for details )



**2.9**

SMART SCALE  
SCORE

**#183** OF 404 STATEWIDE

**#34** OF 58 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$41,057,000**

Total Project Cost..... **\$82,808,000**

Project Benefit..... **11.9**

Project Benefit / Total Cost..... **1.4**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                    |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted             | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 120.7<br>persons                          | 889.4<br>person hrs.           | 49.5<br>EPDO                          | 549.4<br>EPDO / 100M VMT                 | 63.5<br>jobs per resident  | 64.8<br>jobs per resident                                | 603.6<br>adjusted users                         | 11,981,774.0<br>thousand adj sq. ft.                       | 6,639.5<br>thousand adj daily tons | 12,917,473.2<br>adj. buffer time index | 603.6<br>adjusted points         | 10.2<br>scaled points                                    | 12,424.7<br>adjusted jobs & pop.                     |
| Normalized Measure Value (0-100)                               | 1.2                                       | 27.4                           | 15.1                                  | 2.8                                      | 2.4                        | 2.5                                                      | 4.1                                             | 42.5                                                       | 0.4                                | 0.9                                    | 3.5                              | 19.8                                                     | 11.0                                                 |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 14.3                                      |                                | 9.0                                   |                                          | 2.8                        |                                                          |                                                 | 25.8                                                       |                                    |                                        | 11.7                             |                                                          | 11.0                                                 |
| Factor Weight (% of Project Score)                             | 45%                                       |                                | 5%                                    |                                          | 15%                        |                                                          |                                                 | 5%                                                         |                                    |                                        | 10%                              |                                                          | 20%                                                  |
| Weighted Factor Value                                          | 6.4                                       |                                | 0.4                                   |                                          | 0.4                        |                                                          |                                                 | 1.3                                                        |                                    |                                        | 1.2                              |                                                          | 2.2                                                  |
| Project Benefit                                                | 11.9                                      |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$41,057,000                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 2.9                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |



# PROJECT SCORECARD

For more information on how to read a scorecard, click [here](#).

East Elden Street Widening and Improvements

App Id: 1175

Multimodal project is 1 mile long. Includes bike lanes, bridge to replace a culvert that causes the street to flood, widen part of street from 4 lane to 6 lanes, & improve a 4 lane section with a raised landscaped median and dedicated turning lanes.

Project Location..... Herndon  
SMART SCALE Area Type..... A  
Submitting Entity..... Herndon Town  
Preliminary Engineering..... Underway  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... \$2,214,881  
Key Fund Sources..... Demo/MPO/Fed-State Disc/Local  
Administered By..... VDOT  
Eligible Funding Program(s)..... Both  
VTrans Need..... Northern Virginia Regional Network  
( [Click for details](#) )



**5.7**

SMART SCALE  
SCORE

**#128** OF 404 STATEWIDE

**#20** OF 58 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$26,096,621**

Total Project Cost..... **\$43,995,010**

Project Benefit..... **14.9**

Project Benefit / Total Cost..... **3.4**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                    |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted             | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 6.2<br>persons                            | 14.3<br>person hrs.            | 63.8<br>EPDO                          | 664.6<br>EPDO / 100M VMT                 | 11.1<br>jobs per resident  | 11.3<br>jobs per resident                                | 28.1<br>adjusted users                          | 110,305.0<br>thousand adj sq. ft.                          | 2,955.3<br>thousand adj daily tons | 46,049,632.7<br>adj. buffer time index | 28.1<br>adjusted points          | 12.2<br>scaled points                                    | 72,859.9<br>adjusted jobs & pop.                     |
| Normalized Measure Value (0-100)                               | 0.1                                       | 0.4                            | 19.4                                  | 3.4                                      | 0.4                        | 0.4                                                      | 0.2                                             | 0.4                                                        | 0.2                                | 3.4                                    | 0.2                              | 23.7                                                     | 64.4                                                 |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 0.3                                       |                                | 11.4                                  |                                          | 0.4                        |                                                          |                                                 | 0.9                                                        |                                    |                                        | 11.9                             |                                                          | 64.4                                                 |
| Factor Weight (% of Project Score)                             | 45%                                       |                                | 5%                                    |                                          | 15%                        |                                                          |                                                 | 5%                                                         |                                    |                                        | 10%                              |                                                          | 20%                                                  |
| Weighted Factor Value                                          | 0.1                                       |                                | 0.6                                   |                                          | 0.1                        |                                                          |                                                 | 0.0                                                        |                                    |                                        | 1.2                              |                                                          | 12.9                                                 |
| Project Benefit                                                | 14.9                                      |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$26,096,621                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 5.7                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

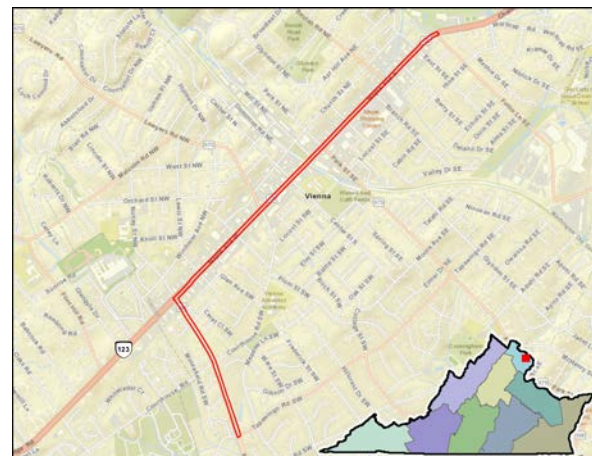
For more information on how to read a scorecard, click [here](#).

Route 123 & 243 Traffic Signal Upgrades

App Id: 1186

Interconnect and upgrade all signal controllers and cabinets, install battery backup, add pedestrian countdown signals and video stop bar detection on all existing traffic signals on Maple Ave (Route 123) and Nutley Street (Route 243).

Project Location..... Vienna  
SMART SCALE Area Type..... A  
Submitting Entity..... Vienna Town  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... Locality  
Eligible Funding Program(s)..... Both  
VTrans Need..... Northern Virginia Regional Network  
( [Click for details](#) )



**20.1**

SMART SCALE  
SCORE

**#49**

OF 404 STATEWIDE

**#6**

OF 58 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$1,179,110**

Total Project Cost..... **\$2,092,110**

Project Benefit..... **2.4**

Project Benefit / Total Cost..... **11.3**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 29.1<br>persons                           | 0.0<br>person hrs.             | 21.0<br>EPDO                          | 178.2<br>EPDO / 100M VMT                 | 0.0<br>jobs per resident   | 0.0<br>jobs per resident                                 | 43.6<br>adjusted users                          | 21,900.0<br>thousand adj sq. ft.                           | 0.0<br>thousand adj daily tons | 26,869,949.6<br>adj. buffer time index | 58.1<br>adjusted points          | 2.2<br>scaled points                                     | 10,573.6<br>adjusted jobs & pop.                     |
| Normalized Measure Value (0-100)                               | 0.3                                       | 0.0                            | 6.4                                   | 0.9                                      | 0.0                        | 0.0                                                      | 0.3                                             | 0.1                                                        | 0.0                            | 2.0                                    | 0.3                              | 4.2                                                      | 9.3                                                  |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 0.1                                       |                                | 3.7                                   |                                          | 0.1                        |                                                          |                                                 | 0.4                                                        |                                |                                        | 2.3                              |                                                          | 9.3                                                  |
| Factor Weight (% of Project Score)                             | 45%                                       |                                | 5%                                    |                                          | 15%                        |                                                          |                                                 | 5%                                                         |                                |                                        | 10%                              |                                                          | 20%                                                  |
| Weighted Factor Value                                          | 0.1                                       |                                | 0.2                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.2                              |                                                          | 1.9                                                  |
| Project Benefit                                                | 2.4                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$1,179,110                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 20.1                                      |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

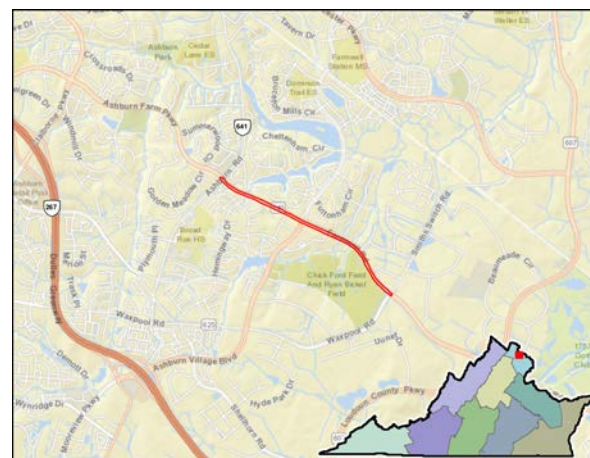
For more information on how to read a scorecard, click [here](#).

Farmwell Road (Smith Switch Rd to Ashburn Rd)

App Id: 1201

This project will widen Farmwell Road to a six-lane cross-section from Smith Switch Road to Ashburn Road and will include improvements to the intersection of Waxpool Road/ Smith Switch Road/ Farmwell Road.

Project Location..... Loudoun County  
SMART SCALE Area Type..... A  
Submitting Entity..... Loudoun County  
Preliminary Engineering..... Underway  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... \$19,752  
Key Fund Sources..... RS or Other CTB Grant  
Administered By..... Locality  
Eligible Funding Program(s)..... District Grant  
VTrans Need..... Suburban Policy Area  
( Click for details )



**4.7**

SMART SCALE  
SCORE

**#138** OF 404 STATEWIDE

**#22** OF 58 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$11,809,530**

Total Project Cost..... **\$30,973,530**

Project Benefit..... **5.5**

Project Benefit / Total Cost..... **1.8**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                    |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted             | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 79.5<br>persons                           | 406.5<br>person hrs.           | 28.8<br>EPDO                          | 157.1<br>EPDO / 100M VMT                 | 50.1<br>jobs per resident  | 51.2<br>jobs per resident                                | 186.4<br>adjusted users                         | 0.0<br>thousand adj sq. ft.                                | 7,968.0<br>thousand adj daily tons | 39,785,437.2<br>adj. buffer time index | 248.5<br>adjusted points         | 4.7<br>scaled points                                     | 8,369.1<br>adjusted jobs & pop.                      |
| Normalized Measure Value (0-100)                               | 0.8                                       | 12.5                           | 8.8                                   | 0.8                                      | 1.9                        | 1.9                                                      | 1.3                                             | 0.0                                                        | 0.5                                | 2.9                                    | 1.5                              | 9.1                                                      | 7.4                                                  |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 6.6                                       |                                | 4.8                                   |                                          | 1.8                        |                                                          |                                                 | 0.7                                                        |                                    |                                        | 5.3                              |                                                          | 7.4                                                  |
| Factor Weight (% of Project Score)                             | 45%                                       |                                | 5%                                    |                                          | 15%                        |                                                          |                                                 | 5%                                                         |                                    |                                        | 10%                              |                                                          | 20%                                                  |
| Weighted Factor Value                                          | 3.0                                       |                                | 0.2                                   |                                          | 0.3                        |                                                          |                                                 | 0.0                                                        |                                    |                                        | 0.5                              |                                                          | 1.5                                                  |
| Project Benefit                                                | 5.5                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$11,809,530                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 4.7                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |



# PROJECT SCORECARD

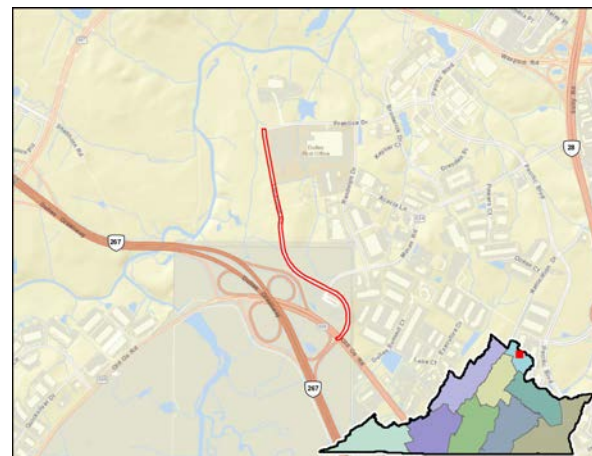
For more information on how to read a scorecard, click here.

Lockridge Road (Old Ox Rd to Prentice Dr)

App Id: 1207

This project provides for the design, right-of-way acquisition, and construction of Lockridge Road widening and reconstruction from Old Ox Road (Route 606) to Prentice Drive.

Project Location..... Loudoun County  
SMART SCALE Area Type..... A  
Submitting Entity..... Loudoun County  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... Locality  
Eligible Funding Program(s)..... Both  
VTrans Need..... Northern Virginia Regional Network  
( Click for details )



**0.6**

SMART SCALE  
SCORE

**#322** OF 404 STATEWIDE

**#53** OF 58 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$24,891,910**

Total Project Cost..... **\$24,891,910**

Project Benefit..... **1.6**

Project Benefit / Total Cost..... **0.6**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 11.8<br>persons                           | 0.0<br>person hrs.             | 4.2<br>EPDO                           | 766.1<br>EPDO / 100M VMT                 | 2.3<br>jobs per resident   | 2.3<br>jobs per resident                                 | 35.4<br>adjusted users                          | 5,707,712.5<br>thousand adj sq. ft.                        | 0.0<br>thousand adj daily tons | 181,178.6<br>adj. buffer time index    | 47.3<br>adjusted points          | 1.4<br>scaled points                                     | 3,567.6<br>adjusted jobs & pop.                      |
| Normalized Measure Value (0-100)                               | 0.1                                       | 0.0                            | 1.3                                   | 4.0                                      | 0.1                        | 0.1                                                      | 0.2                                             | 20.3                                                       | 0.0                            | 0.0                                    | 0.3                              | 2.6                                                      | 3.2                                                  |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 0.1                                       |                                | 2.6                                   |                                          | 0.1                        |                                                          |                                                 | 12.2                                                       |                                |                                        | 1.5                              |                                                          | 3.2                                                  |
| Factor Weight (% of Project Score)                             | 45%                                       |                                | 5%                                    |                                          | 15%                        |                                                          |                                                 | 5%                                                         |                                |                                        | 10%                              |                                                          | 20%                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.1                                   |                                          | 0.0                        |                                                          |                                                 | 0.6                                                        |                                |                                        | 0.1                              |                                                          | 0.6                                                  |
| Project Benefit                                                | 1.6                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$24,891,910                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 0.6                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |



# PROJECT SCORECARD

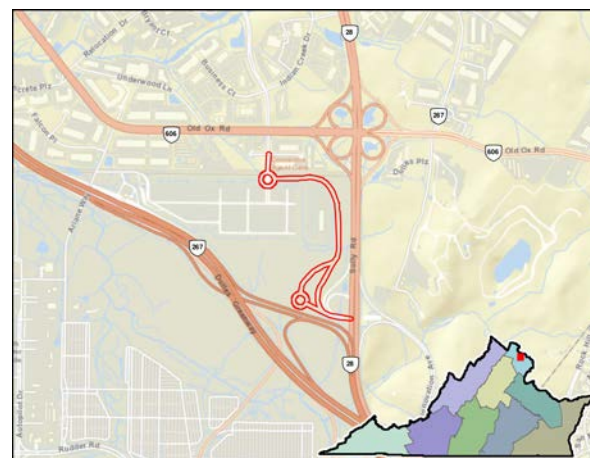
For more information on how to read a scorecard, click [here](#).

Pacific Boulevard (Route 28 to Old Ox Road)

App Id: 1213

Construction of new 4-lane roadway segment of Pacific Boulevard from south of Old Ox Road to Route 28 at the Innovation Avenue Interchange. This project includes a roundabout on Pacific Boulevard just north of the IAD Employee Parking Lot.

Project Location..... Loudoun County  
SMART SCALE Area Type..... A  
Submitting Entity..... Loudoun County  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... Locality  
Eligible Funding Program(s)..... Both  
VTrans Need..... Northern Virginia Regional Network  
( [Click for details](#) )



## 3.2

SMART SCALE  
SCORE

**#173** OF 404 STATEWIDE

**#31** OF 58 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$16,587,180**

Total Project Cost..... **\$16,587,180**

Project Benefit..... **5.3**

Project Benefit / Total Cost..... **3.2**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                     |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|-------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted              | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 82.9<br>persons                           | 33.0<br>person hrs.            | 0.0<br>EPDO                           | 0.0<br>EPDO / 100M VMT                   | 6.3<br>jobs per resident   | 6.4<br>jobs per resident                                 | 50.8<br>adjusted users                          | 11,737,950.0<br>thousand adj sq. ft.                       | 43,350.8<br>thousand adj daily tons | 30,519,435.7<br>adj. buffer time index | 67.7<br>adjusted points          | 4.6<br>scaled points                                     | 17,396.9<br>adjusted jobs & pop.                     |
| Normalized Measure Value (0-100)                               | 0.8                                       | 1.0                            | 0.0                                   | 0.0                                      | 0.2                        | 0.2                                                      | 0.3                                             | 41.7                                                       | 2.6                                 | 2.2                                    | 0.4                              | 8.9                                                      | 15.4                                                 |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                 | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 0.9                                       |                                | 0.0                                   |                                          | 0.3                        |                                                          |                                                 | 26.0                                                       |                                     |                                        | 4.6                              |                                                          | 15.4                                                 |
| Factor Weight (% of Project Score)                             | 45%                                       |                                | 5%                                    |                                          | 15%                        |                                                          |                                                 | 5%                                                         |                                     |                                        | 10%                              |                                                          | 20%                                                  |
| Weighted Factor Value                                          | 0.4                                       |                                | 0.0                                   |                                          | 0.0                        |                                                          |                                                 | 1.3                                                        |                                     |                                        | 0.5                              |                                                          | 3.1                                                  |
| Project Benefit                                                | 5.3                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$16,587,180                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 3.2                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

For more information on how to read a scorecard, click here.

West End Transitway - Southern Towers Transit Facilities

App Id: 1215

Construction of a street network within Southern Towers apartment complex for future Bus Rapid Transit (BRT) service and general purpose traffic, permanent BRT stations, and a consolidated transit station for local transit services.

Project Location..... Alexandria  
SMART SCALE Area Type..... A  
Submitting Entity..... Alexandria City  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... Locality  
Eligible Funding Program(s)..... Both  
VTrans Need..... Washington to North Carolina CoSS  
( Click for details )



**15.1**

SMART SCALE  
SCORE

**#56**

OF 404 STATEWIDE

**#8**

OF 58 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$10,000,000**

Total Project Cost..... **\$10,000,000**

Project Benefit..... **15.1**

Project Benefit / Total Cost..... **15.1**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                      |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted               | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 231.0<br>persons                          | 33.8<br>person hrs.            | 17.2<br>EPDO                          | 0.0<br>EPDO / 100M VMT                   | 0.0<br>jobs per resident   | 0.0<br>jobs per resident                                 | 1,155.0<br>adjusted users                       | 0.0<br>thousand adj sq. ft.                                | 196,496.7<br>thousand adj daily tons | 4,106,001.9<br>adj. buffer time index  | 693.0<br>adjusted points         | 11.7<br>scaled points                                    | 69,911.5<br>adjusted jobs & pop.                     |
| Normalized Measure Value (0-100)                               | 2.3                                       | 1.0                            | 5.2                                   | 0.0                                      | 0.0                        | 0.0                                                      | 7.9                                             | 0.0                                                        | 11.6                                 | 0.3                                    | 4.0                              | 22.7                                                     | 61.8                                                 |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 100%                                  | 0%                                       | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                  | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 1.7                                       |                                | 5.2                                   |                                          | 1.6                        |                                                          |                                                 | 2.4                                                        |                                      |                                        | 13.4                             |                                                          | 61.8                                                 |
| Factor Weight (% of Project Score)                             | 45%                                       |                                | 5%                                    |                                          | 15%                        |                                                          |                                                 | 5%                                                         |                                      |                                        | 10%                              |                                                          | 20%                                                  |
| Weighted Factor Value                                          | 0.7                                       |                                | 0.3                                   |                                          | 0.2                        |                                                          |                                                 | 0.1                                                        |                                      |                                        | 1.3                              |                                                          | 12.4                                                 |
| Project Benefit                                                | 15.1                                      |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                      |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$10,000,000                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                      |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 15.1                                      |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                      |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

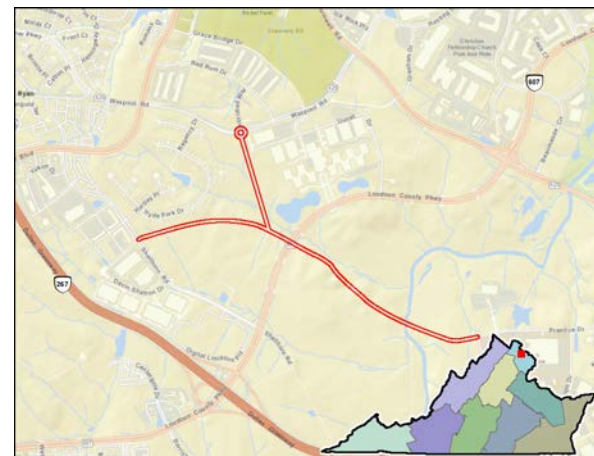
For more information on how to read a scorecard, click [here](#).

Prentice Drive Extension (Shellhorn Road to Lockridge Road)

App Id: 1216

This project will construct an extension of Prentice Drive from Shellhorn Road to Lockridge Road as a four-lane divided corridor.

Project Location..... Loudoun County  
 SMART SCALE Area Type..... A  
 Submitting Entity..... Loudoun County  
 Preliminary Engineering..... Underway  
 Right of Way..... Not Started  
 Construction..... Not Started  
 Expenditures to Date..... N/A  
 Key Fund Sources..... N/A  
 Administered By..... Locality  
 Eligible Funding Program(s)..... Both  
 VTrans Need..... Northern Virginia Regional Network  
 ( [Click for details](#) )



## 3.4

SMART SCALE  
SCORE

**#167** OF 404 STATEWIDE

**#29** OF 58 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$69,950,580**

Total Project Cost..... **\$96,120,580**

Project Benefit..... **23.8**

Project Benefit / Total Cost..... **2.5**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                     |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|-------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted              | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 2,876.2<br>persons                        | 1,420.0<br>person hrs.         | 0.0<br>EPDO                           | 0.0<br>EPDO / 100M VMT                   | 22.7<br>jobs per resident  | 22.2<br>jobs per resident                                | 148.6<br>adjusted users                         | 20,642,862.5<br>thousand adj sq. ft.                       | 30,028.2<br>thousand adj daily tons | 0.0<br>adj. buffer time index          | 148.6<br>adjusted points         | 20.4<br>scaled points                                    | 18,064.1<br>adjusted jobs & pop.                     |
| Normalized Measure Value (0-100)                               | 28.4                                      | 43.7                           | 0.0                                   | 0.0                                      | 0.9                        | 0.8                                                      | 1.0                                             | 73.3                                                       | 1.8                                 | 0.0                                    | 0.9                              | 39.6                                                     | 16.0                                                 |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                 | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 36.0                                      |                                | 0.0                                   |                                          | 0.9                        |                                                          |                                                 | 44.3                                                       |                                     |                                        | 20.2                             |                                                          | 16.0                                                 |
| Factor Weight (% of Project Score)                             | 45%                                       |                                | 5%                                    |                                          | 15%                        |                                                          |                                                 | 5%                                                         |                                     |                                        | 10%                              |                                                          | 20%                                                  |
| Weighted Factor Value                                          | 16.2                                      |                                | 0.0                                   |                                          | 0.1                        |                                                          |                                                 | 2.2                                                        |                                     |                                        | 2.0                              |                                                          | 3.2                                                  |
| Project Benefit                                                | 23.8                                      |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$69,950,580                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 3.4                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |



# PROJECT SCORECARD

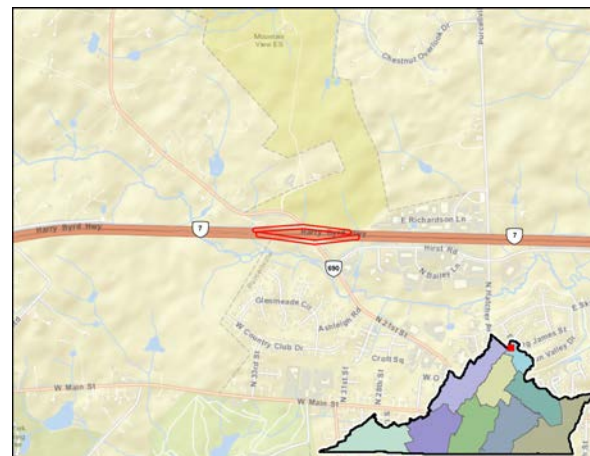
For more information on how to read a scorecard, click [here](#).

Route 7/ Route 690 Interchange

App Id: 1218

Construction of an interchange at Route 7 and Route 690 just west of the Town of Purcellville.

Project Location..... Multiple  
SMART SCALE Area Type..... A  
Submitting Entity..... Loudoun County  
Preliminary Engineering..... Underway  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... Locality  
Eligible Funding Program(s)..... Both  
VTrans Need..... Northern Virginia Regional Network  
( [Click for details](#) )



**7.2**

SMART SCALE  
SCORE

**#103** OF 404 STATEWIDE

**#15** OF 58 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$9,564,900**

Total Project Cost..... **\$36,164,900**

Project Benefit..... **6.9**

Project Benefit / Total Cost..... **1.9**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                    |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted             | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 674.0<br>persons                          | 337.0<br>person hrs.           | 68.7<br>EPDO                          | 47.0<br>EPDO / 100M VMT                  | 260.5<br>jobs per resident | 251.8<br>jobs per resident                               | 0.0<br>adjusted users                           | 0.0<br>thousand adj sq. ft.                                | 5,503.7<br>thousand adj daily tons | 607,192.7<br>adj. buffer time index    | 0.0<br>adjusted points           | 6.0<br>scaled points                                     | 4,485.2<br>adjusted jobs & pop.                      |
| Normalized Measure Value (0-100)                               | 6.6                                       | 10.4                           | 20.9                                  | 0.2                                      | 9.9                        | 9.6                                                      | 0.0                                             | 0.0                                                        | 0.3                                | 0.0                                    | 0.0                              | 11.6                                                     | 4.0                                                  |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 8.5                                       |                                | 10.6                                  |                                          | 7.9                        |                                                          |                                                 | 0.1                                                        |                                    |                                        | 5.8                              |                                                          | 4.0                                                  |
| Factor Weight (% of Project Score)                             | 45%                                       |                                | 5%                                    |                                          | 15%                        |                                                          |                                                 | 5%                                                         |                                    |                                        | 10%                              |                                                          | 20%                                                  |
| Weighted Factor Value                                          | 3.8                                       |                                | 0.5                                   |                                          | 1.2                        |                                                          |                                                 | 0.0                                                        |                                    |                                        | 0.6                              |                                                          | 0.8                                                  |
| Project Benefit                                                | 6.9                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$9,564,900                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 7.2                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |



# PROJECT SCORECARD

For more information on how to read a scorecard, click here.

Route 7/ Route 287 Interchange

App Id: 1219

This project provides for the design, preliminary engineering and construction of improvements for the Route 7 / Route 287 Interchange.

Project Location..... Purcellville Town  
SMART SCALE Area Type..... A  
Submitting Entity..... Loudoun County  
Preliminary Engineering..... Not Started  
Right of Way..... Not Needed  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... Locality  
Eligible Funding Program(s)..... Both  
VTrans Need..... Northern Virginia Regional Network  
( Click for details )



**6.9**

SMART SCALE  
SCORE

**#108** OF 404 STATEWIDE

**#17** OF 58 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$11,390,670**

Total Project Cost..... **\$11,390,670**

Project Benefit..... **7.9**

Project Benefit / Total Cost..... **6.9**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                     |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|-------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted              | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 925.8<br>persons                          | 635.0<br>person hrs.           | 6.7<br>EPDO                           | 1,140.1<br>EPDO / 100M VMT               | 6.0<br>jobs per resident   | 5.9<br>jobs per resident                                 | 0.0<br>adjusted users                           | 0.0<br>thousand adj sq. ft.                                | 12,154.1<br>thousand adj daily tons | 698,876.4<br>adj. buffer time index    | 0.0<br>adjusted points           | 6.6<br>scaled points                                     | 3,111.7<br>adjusted jobs & pop.                      |
| Normalized Measure Value (0-100)                               | 9.1                                       | 19.5                           | 2.0                                   | 5.9                                      | 0.2                        | 0.2                                                      | 0.0                                             | 0.0                                                        | 0.7                                 | 0.1                                    | 0.0                              | 12.9                                                     | 2.8                                                  |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                 | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 14.3                                      |                                | 4.0                                   |                                          | 0.2                        |                                                          |                                                 | 0.2                                                        |                                     |                                        | 6.4                              |                                                          | 2.8                                                  |
| Factor Weight (% of Project Score)                             | 45%                                       |                                | 5%                                    |                                          | 15%                        |                                                          |                                                 | 5%                                                         |                                     |                                        | 10%                              |                                                          | 20%                                                  |
| Weighted Factor Value                                          | 6.4                                       |                                | 0.2                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                     |                                        | 0.6                              |                                                          | 0.6                                                  |
| Project Benefit                                                | 7.9                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$11,390,670                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 6.9                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

For more information on how to read a scorecard, click [here](#).

DASH Bus Service and Facility Expansion

App Id: 1220

This project would provide funding for the construction of additional DASH bus parking and storage for additional expansion buses and future growth of the DASH system. Project also includes the acquisition of 6 expansion buses.

Project Location..... Alexandria  
SMART SCALE Area Type..... A  
Submitting Entity..... Alexandria City  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... Locality  
Eligible Funding Program(s)..... Both  
VTrans Need..... Northern Virginia Regional Network  
( [Click for details](#) )



**19.0**

SMART SCALE  
SCORE

**#50**

OF 404 STATEWIDE

**#7**

OF 58 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$11,134,000**

Total Project Cost..... **\$11,134,000**

Project Benefit..... **21.2**

Project Benefit / Total Cost..... **19.0**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                      |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted               | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 2,925.0<br>persons                        | 312.5<br>person hrs.           | 121.2<br>EPDO                         | 0.0<br>EPDO / 100M VMT                   | 946.3<br>jobs per resident | 959.1<br>jobs per resident                               | 14,625.0<br>adjusted users                      | 0.0<br>thousand adj sq. ft.                                | 165,425.6<br>thousand adj daily tons | 0.0<br>adj. buffer time index          | 5,850.0<br>adjusted points       | 15.6<br>scaled points                                    | 0.0<br>adjusted jobs & pop.                          |
| Normalized Measure Value (0-100)                               | 28.9                                      | 9.6                            | 36.9                                  | 0.0                                      | 36.1                       | 36.5                                                     | 100.0                                           | 0.0                                                        | 9.8                                  | 0.0                                    | 34.1                             | 30.3                                                     | 0.0                                                  |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 100%                                  | 0%                                       | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                  | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 19.2                                      |                                | 36.9                                  |                                          | 48.9                       |                                                          |                                                 | 2.0                                                        |                                      |                                        | 32.2                             |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 45%                                       |                                | 5%                                    |                                          | 15%                        |                                                          |                                                 | 5%                                                         |                                      |                                        | 10%                              |                                                          | 20%                                                  |
| Weighted Factor Value                                          | 8.7                                       |                                | 1.8                                   |                                          | 7.3                        |                                                          |                                                 | 0.1                                                        |                                      |                                        | 3.2                              |                                                          | 0.0                                                  |
| Project Benefit                                                | 21.2                                      |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                      |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$11,134,000                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                      |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 19.0                                      |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                      |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

For more information on how to read a scorecard, click here.

Route 9/Route 287 Roundabout

App Id: 1223

Construction of a roundabout at the intersection of Route 9 and Route 287

Project Location..... Loudoun County  
 SMART SCALE Area Type..... A  
 Submitting Entity..... Loudoun County  
 Preliminary Engineering..... Underway  
 Right of Way..... Not Started  
 Construction..... Not Started  
 Expenditures to Date..... N/A  
 Key Fund Sources..... N/A  
 Administered By..... VDOT  
 Eligible Funding Program(s)..... Both  
 VTrans Need..... Northern Virginia Regional Network  
 ( Click for details )



**2.8**

SMART SCALE  
SCORE

**#188** OF 404 STATEWIDE

**#35** OF 58 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$10,835,063**

Total Project Cost..... **\$12,063,063**

Project Benefit..... **3.1**

Project Benefit / Total Cost..... **2.5**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 269.2<br>persons                          | 248.0<br>person hrs.           | 33.0<br>EPDO                          | 1,276.8<br>EPDO / 100M VMT               | 3.7<br>jobs per resident   | 3.7<br>jobs per resident                                 | 0.0<br>adjusted users                           | 0.0<br>thousand adj sq. ft.                                | 0.0<br>thousand adj daily tons | 3,813,725.1<br>adj. buffer time index  | 0.0<br>adjusted points           | 2.6<br>scaled points                                     | 274.9<br>adjusted jobs & pop.                        |
| Normalized Measure Value (0-100)                               | 2.7                                       | 7.6                            | 10.0                                  | 6.6                                      | 0.1                        | 0.1                                                      | 0.0                                             | 0.0                                                        | 0.0                            | 0.3                                    | 0.0                              | 5.1                                                      | 0.2                                                  |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 5.1                                       |                                | 8.3                                   |                                          | 0.1                        |                                                          |                                                 | 0.1                                                        |                                |                                        | 2.5                              |                                                          | 0.2                                                  |
| Factor Weight (% of Project Score)                             | 45%                                       |                                | 5%                                    |                                          | 15%                        |                                                          |                                                 | 5%                                                         |                                |                                        | 10%                              |                                                          | 20%                                                  |
| Weighted Factor Value                                          | 2.3                                       |                                | 0.4                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.3                              |                                                          | 0.0                                                  |
| Project Benefit                                                | 3.1                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$10,835,063                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 2.8                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

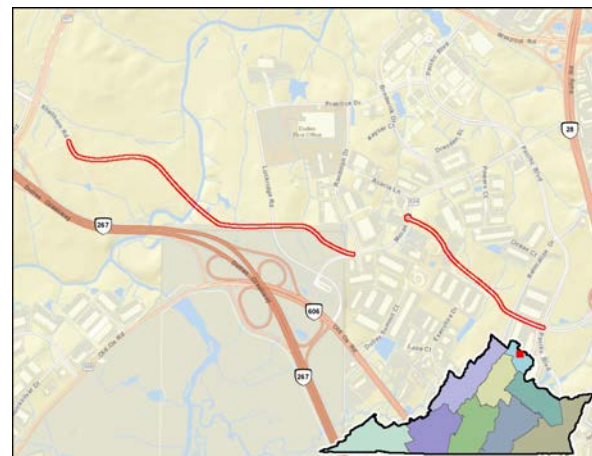
For more information on how to read a scorecard, click [here](#).

Shellhorn Rd/Sterling Blvd(LoudounCountyPkwY to Randolph Dr)

App Id: 1225

Construction of a 4-lane cross section (2.6 miles total) of Shellhorn Road (Route 643)/Sterling Blvd Extension (Route 846) from Loudoun County Parkway (Route 607) to Pacific Boulevard.

Project Location..... Loudoun County  
SMART SCALE Area Type..... A  
Submitting Entity..... Loudoun County  
Preliminary Engineering..... Underway  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... \$60,123  
Key Fund Sources..... RS or Other CTB Grant/ Local  
Administered By..... Locality  
Eligible Funding Program(s)..... Both  
VTrans Need..... Northern Virginia Regional Network  
( Click for details )



**2.9**

SMART SCALE  
SCORE

**#181** OF 404 STATEWIDE

**#33** OF 58 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$60,275,600**

Total Project Cost..... **\$90,964,300**

Project Benefit..... **17.7**

Project Benefit / Total Cost..... **1.9**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                     |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|-------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted              | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 2,641.2<br>persons                        | 1,303.0<br>person hrs.         | 0.0<br>EPDO                           | 0.0<br>EPDO / 100M VMT                   | 26.9<br>jobs per resident  | 26.5<br>jobs per resident                                | 105.7<br>adjusted users                         | 364,320.0<br>thousand adj sq. ft.                          | 55,979.7<br>thousand adj daily tons | 65,612,474.3<br>adj. buffer time index | 140.9<br>adjusted points         | 15.1<br>scaled points                                    | 5,786.6<br>adjusted jobs & pop.                      |
| Normalized Measure Value (0-100)                               | 26.1                                      | 40.1                           | 0.0                                   | 0.0                                      | 1.0                        | 1.0                                                      | 0.7                                             | 1.3                                                        | 3.3                                 | 4.8                                    | 0.8                              | 29.4                                                     | 5.1                                                  |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                 | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 33.1                                      |                                | 0.0                                   |                                          | 1.0                        |                                                          |                                                 | 2.4                                                        |                                     |                                        | 15.1                             |                                                          | 5.1                                                  |
| Factor Weight (% of Project Score)                             | 45%                                       |                                | 5%                                    |                                          | 15%                        |                                                          |                                                 | 5%                                                         |                                     |                                        | 10%                              |                                                          | 20%                                                  |
| Weighted Factor Value                                          | 14.9                                      |                                | 0.0                                   |                                          | 0.1                        |                                                          |                                                 | 0.1                                                        |                                     |                                        | 1.5                              |                                                          | 1.0                                                  |
| Project Benefit                                                | 17.7                                      |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$60,275,600                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 2.9                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |



# PROJECT SCORECARD

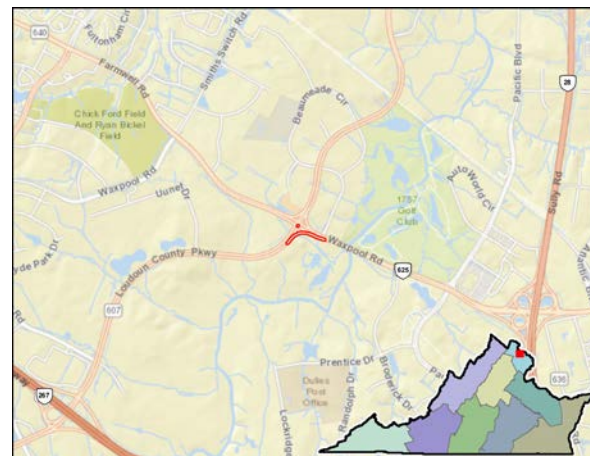
For more information on how to read a scorecard, click [here](#).

Waxpool Rd/Loudoun County Pkwy Intersection Improvements

App Id: 1227

Improvements to the intersection of Waxpool Road and Loudoun County Parkway, including triple westbound left-turn lanes along Waxpool Road and a new single lane, free-flow right turn lane along northbound Loudoun County Parkway.

Project Location..... Loudoun County  
SMART SCALE Area Type..... A  
Submitting Entity..... Loudoun County  
Preliminary Engineering..... Underway  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... Locality  
Eligible Funding Program(s)..... Both  
VTrans Need..... Northern Virginia Regional Network  
( [Click for details](#) )



**126.4**

SMART SCALE  
SCORE

**#4**

OF 404 STATEWIDE

**#2**

OF 58 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$277,160**

Total Project Cost..... **\$5,147,160**

Project Benefit..... **3.5**

Project Benefit / Total Cost..... **6.8**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 0.0<br>persons                            | 335.5<br>person hrs.           | 2.5<br>EPDO                           | 26.8<br>EPDO / 100M VMT                  | 6.8<br>jobs per resident   | 6.8<br>jobs per resident                                 | 0.0<br>adjusted users                           | 0.0<br>thousand adj sq. ft.                                | 0.0<br>thousand adj daily tons | 24,510,688.1<br>adj. buffer time index | 0.0<br>adjusted points           | 3.0<br>scaled points                                     | 4,639.7<br>adjusted jobs & pop.                      |
| Normalized Measure Value (0-100)                               | 0.0                                       | 10.3                           | 0.7                                   | 0.1                                      | 0.3                        | 0.3                                                      | 0.0                                             | 0.0                                                        | 0.0                            | 1.8                                    | 0.0                              | 5.8                                                      | 4.1                                                  |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 5.2                                       |                                | 0.4                                   |                                          | 0.2                        |                                                          |                                                 | 0.4                                                        |                                |                                        | 2.9                              |                                                          | 4.1                                                  |
| Factor Weight (% of Project Score)                             | 45%                                       |                                | 5%                                    |                                          | 15%                        |                                                          |                                                 | 5%                                                         |                                |                                        | 10%                              |                                                          | 20%                                                  |
| Weighted Factor Value                                          | 2.3                                       |                                | 0.0                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.3                              |                                                          | 0.8                                                  |
| Project Benefit                                                | 3.5                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$277,160                                 |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 126.4                                     |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

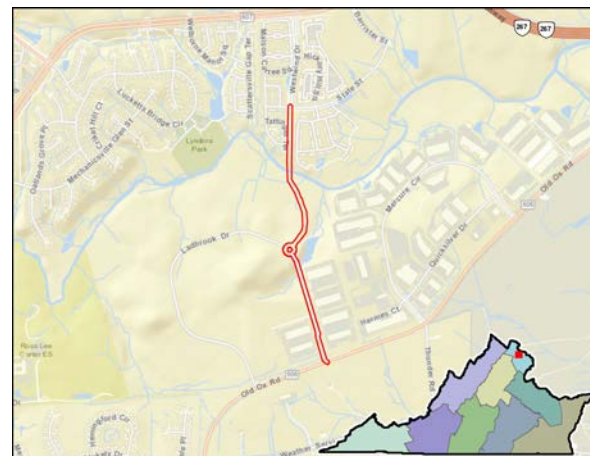
For more information on how to read a scorecard, click [here](#).

Westwind Drive (Loudoun County Parkway to Route 606)

App Id: 1229

Construct a 4-lane roadway between State St. and Ladbrook Dr. and a new intersection at VA Route 606 (Old Ox Road).

Project Location..... Loudoun County  
SMART SCALE Area Type..... A  
Submitting Entity..... Loudoun County  
Preliminary Engineering..... Underway  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... Locality  
Eligible Funding Program(s)..... Both  
VTrans Need..... Northern Virginia Regional Network  
( [Click for details](#) )



**4.7**

SMART SCALE  
SCORE

**#137** OF 404 STATEWIDE

**#21** OF 58 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$19,821,410**

Total Project Cost..... **\$43,278,410**

Project Benefit..... **9.3**

Project Benefit / Total Cost..... **2.2**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                     |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|-------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted              | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 1,041.7<br>persons                        | 504.0<br>person hrs.           | 0.0<br>EPDO                           | 0.0<br>EPDO / 100M VMT                   | 6.5<br>jobs per resident   | 6.6<br>jobs per resident                                 | 134.9<br>adjusted users                         | 2,108,400.0<br>thousand adj sq. ft.                        | 65,897.7<br>thousand adj daily tons | 0.0<br>adj. buffer time index          | 134.9<br>adjusted points         | 7.8<br>scaled points                                     | 13,525.5<br>adjusted jobs & pop.                     |
| Normalized Measure Value (0-100)                               | 10.3                                      | 15.5                           | 0.0                                   | 0.0                                      | 0.2                        | 0.3                                                      | 0.9                                             | 7.5                                                        | 3.9                                 | 0.0                                    | 0.8                              | 15.2                                                     | 12.0                                                 |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                 | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 12.9                                      |                                | 0.0                                   |                                          | 0.4                        |                                                          |                                                 | 5.3                                                        |                                     |                                        | 8.0                              |                                                          | 12.0                                                 |
| Factor Weight (% of Project Score)                             | 45%                                       |                                | 5%                                    |                                          | 15%                        |                                                          |                                                 | 5%                                                         |                                     |                                        | 10%                              |                                                          | 20%                                                  |
| Weighted Factor Value                                          | 5.8                                       |                                | 0.0                                   |                                          | 0.1                        |                                                          |                                                 | 0.3                                                        |                                     |                                        | 0.8                              |                                                          | 2.4                                                  |
| Project Benefit                                                | 9.3                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$19,821,410                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 4.7                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

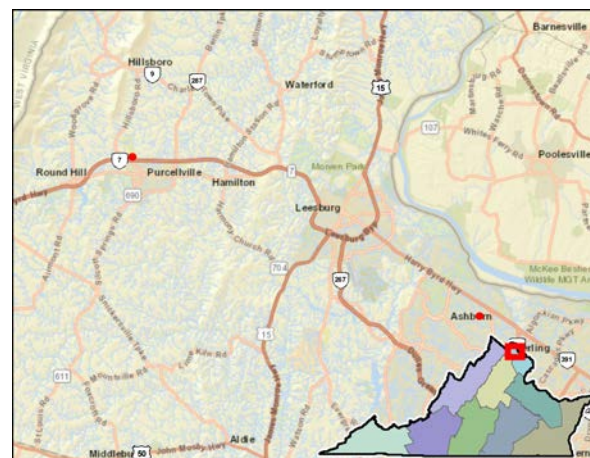
For more information on how to read a scorecard, click [here](#).

Loudoun Park and Ride

App Id: 1230

The project provides the design and construction of two park-and-ride lots, totaling a minimum of 450 spaces at One Loudoun and Western Loudoun.

Project Location..... Loudoun County  
SMART SCALE Area Type..... A  
Submitting Entity..... Loudoun County  
Preliminary Engineering..... Not Started  
Right of Way..... Not Needed  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... Locality  
Eligible Funding Program(s)..... Both  
VTrans Need..... Northern Virginia Regional Network  
( [Click for details](#) )



**11.6**

SMART SCALE  
SCORE

**#66**

OF 404 STATEWIDE

**#9**

OF 58 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$3,633,400**

Total Project Cost..... **\$7,604,400**

Project Benefit..... **4.2**

Project Benefit / Total Cost..... **5.6**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 108.0<br>persons                          | 91.0<br>person hrs.            | 13.9<br>EPDO                          | 1.2<br>EPDO / 100M VMT                   | 124.1<br>jobs per resident | 126.3<br>jobs per resident                               | 432.0<br>adjusted users                         | 0.0<br>thousand adj sq. ft.                                | 0.0<br>thousand adj daily tons | 0.0<br>adj. buffer time index          | 378.0<br>adjusted points         | 3.6<br>scaled points                                     | 12,088.0<br>adjusted jobs & pop.                     |
| Normalized Measure Value (0-100)                               | 1.1                                       | 2.8                            | 4.2                                   | 0.0                                      | 4.7                        | 4.8                                                      | 3.0                                             | 0.0                                                        | 0.0                            | 0.0                                    | 2.2                              | 7.0                                                      | 10.7                                                 |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 1.9                                       |                                | 2.1                                   |                                          | 4.4                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 4.6                              |                                                          | 10.7                                                 |
| Factor Weight (% of Project Score)                             | 45%                                       |                                | 5%                                    |                                          | 15%                        |                                                          |                                                 | 5%                                                         |                                |                                        | 10%                              |                                                          | 20%                                                  |
| Weighted Factor Value                                          | 0.9                                       |                                | 0.1                                   |                                          | 0.7                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.5                              |                                                          | 2.1                                                  |
| Project Benefit                                                | 4.2                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$3,633,400                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 11.6                                      |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |



# PROJECT SCORECARD

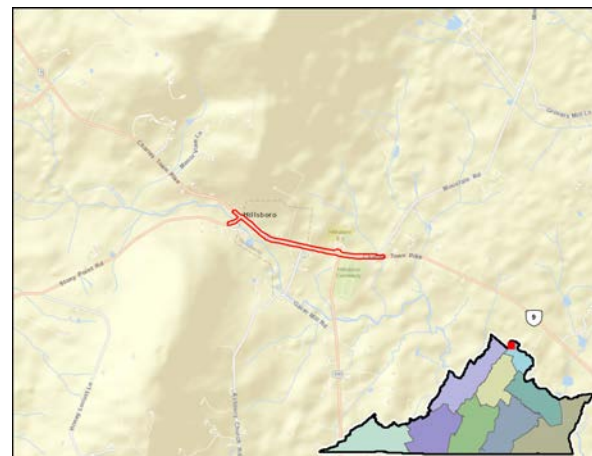
For more information on how to read a scorecard, click here.

Historic Hillsboro's Main Street: Gateway to Rural Loudoun

App Id: 1238

Traffic calming/ped safety, streetscape address highly congested Rt. 9. Construct two single-lane roundabouts in historic Hillsboro. Build sidewalks, bike lanes/shared use paths, address unsafe conditions and improve regional access and connectivity.

Project Location..... Loudoun County  
SMART SCALE Area Type..... A  
Submitting Entity..... Loudoun County  
Preliminary Engineering..... Underway  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... \$1,520,822  
Key Fund Sources..... Demo  
Administered By..... Other  
Eligible Funding Program(s)..... Both  
VTrans Need..... Northern Virginia Regional Network  
( Click for details )



**0.7**

SMART SCALE  
SCORE

**#318** OF 404 STATEWIDE

**#52** OF 58 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$7,038,900**

Total Project Cost..... **\$16,288,900**

Project Benefit..... **0.5**

Project Benefit / Total Cost..... **0.3**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 42.0<br>persons                           | 0.0<br>person hrs.             | 7.3<br>EPDO                           | 242.7<br>EPDO / 100M VMT                 | 0.0<br>jobs per resident   | 0.0<br>jobs per resident                                 | 126.1<br>adjusted users                         | 121,573.0<br>thousand adj sq. ft.                          | 0.0<br>thousand adj daily tons | 2,165,530.8<br>adj. buffer time index  | 210.2<br>adjusted points         | 0.4<br>scaled points                                     | 801.8<br>adjusted jobs & pop.                        |
| Normalized Measure Value (0-100)                               | 0.4                                       | 0.0                            | 2.2                                   | 1.3                                      | 0.0                        | 0.0                                                      | 0.9                                             | 0.4                                                        | 0.0                            | 0.2                                    | 1.2                              | 0.7                                                      | 0.7                                                  |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 0.2                                       |                                | 1.7                                   |                                          | 0.2                        |                                                          |                                                 | 0.3                                                        |                                |                                        | 1.0                              |                                                          | 0.7                                                  |
| Factor Weight (% of Project Score)                             | 45%                                       |                                | 5%                                    |                                          | 15%                        |                                                          |                                                 | 5%                                                         |                                |                                        | 10%                              |                                                          | 20%                                                  |
| Weighted Factor Value                                          | 0.1                                       |                                | 0.1                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.1                              |                                                          | 0.1                                                  |
| Project Benefit                                                | 0.5                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$7,038,900                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 0.7                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |



# PROJECT SCORECARD

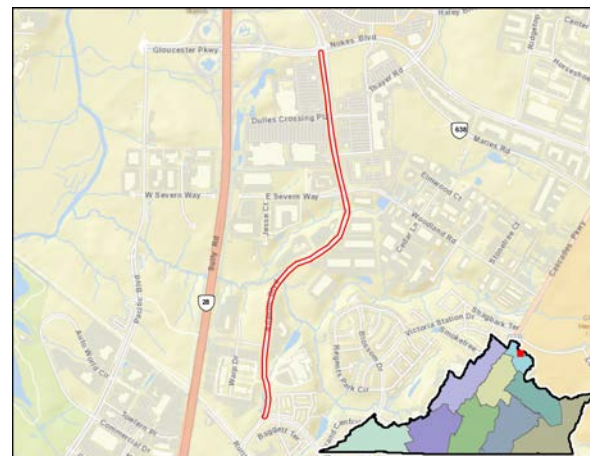
For more information on how to read a scorecard, click [here](#).

Atlantic Boulevard Pedestrian Improvements

App Id: 1239

Construction of a shared use trail and sidewalk along Atlantic Boulevard from Magnolia Road to Nokes Boulevard.

Project Location..... Loudoun County  
SMART SCALE Area Type..... A  
Submitting Entity..... Loudoun County  
Preliminary Engineering..... Underway  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... District Grant  
VTrans Need..... Loudoun County suburban policy area  
( [Click for details](#) )



**3.5**

SMART SCALE  
SCORE

**#162** OF 404 STATEWIDE

**#27** OF 58 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$5,367,532**

Total Project Cost..... **\$5,428,532**

Project Benefit..... **1.9**

Project Benefit / Total Cost..... **3.4**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 44.5<br>persons                           | 0.0<br>person hrs.             | 11.8<br>EPDO                          | 215.2<br>EPDO / 100M VMT                 | 13.3<br>jobs per resident  | 12.9<br>jobs per resident                                | 133.6<br>adjusted users                         | 0.0<br>thousand adj sq. ft.                                | 0.0<br>thousand adj daily tons | 0.0<br>adj. buffer time index          | 178.1<br>adjusted points         | 1.6<br>scaled points                                     | 7,658.9<br>adjusted jobs & pop.                      |
| Normalized Measure Value (0-100)                               | 0.4                                       | 0.0                            | 3.6                                   | 1.1                                      | 0.5                        | 0.5                                                      | 0.9                                             | 0.0                                                        | 0.0                            | 0.0                                    | 1.0                              | 3.1                                                      | 6.8                                                  |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 0.2                                       |                                | 2.4                                   |                                          | 0.6                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 2.1                              |                                                          | 6.8                                                  |
| Factor Weight (% of Project Score)                             | 45%                                       |                                | 5%                                    |                                          | 15%                        |                                                          |                                                 | 5%                                                         |                                |                                        | 10%                              |                                                          | 20%                                                  |
| Weighted Factor Value                                          | 0.1                                       |                                | 0.1                                   |                                          | 0.1                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.2                              |                                                          | 1.4                                                  |
| Project Benefit                                                | 1.9                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$5,367,532                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 3.5                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

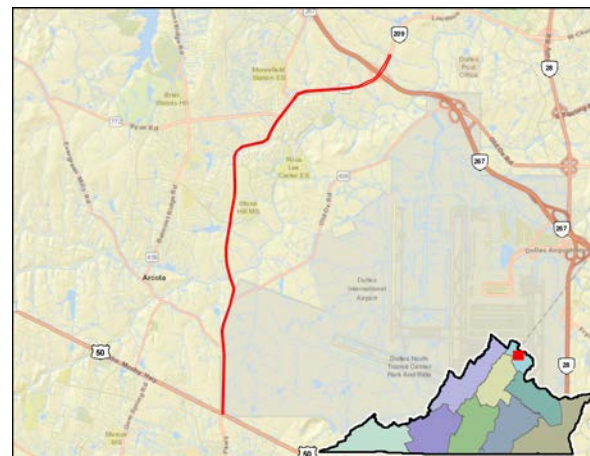
For more information on how to read a scorecard, click [here](#).

Loudoun County Parkway (Shellhorn Road to US Route 50)

App Id: 1240

This project includes the design, right-of-way acquisition, and construction of the widening of Loudoun County Parkway (VA Route 606) from Shellhorn Road (VA Route 633) to US Route 50.

Project Location..... Loudoun County  
 SMART SCALE Area Type..... A  
 Submitting Entity..... Loudoun County  
 Preliminary Engineering..... Not Started  
 Right of Way..... Not Started  
 Construction..... Not Started  
 Expenditures to Date..... N/A  
 Key Fund Sources..... N/A  
 Administered By..... Locality  
 Eligible Funding Program(s)..... Both  
 VTrans Need..... Northern Virginia Regional Network  
 ( [Click for details](#) )



**3.0**

SMART SCALE  
SCORE

**#178** OF 404 STATEWIDE

**#32** OF 58 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$112,052,610**

Total Project Cost..... **\$112,052,610**

Project Benefit..... **33.8**

Project Benefit / Total Cost..... **3.0**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                      |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted               | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 4,588.5<br>persons                        | 2,268.4<br>person hrs.         | 17.9<br>EPDO                          | 81.1<br>EPDO / 100M VMT                  | 0.0<br>jobs per resident   | 0.0<br>jobs per resident                                 | 258.1<br>adjusted users                         | 14,366,250.0<br>thousand adj sq. ft.                       | 126,854.1<br>thousand adj daily tons | 67,095,148.3<br>adj. buffer time index | 206.4<br>adjusted points         | 28.6<br>scaled points                                    | 18,516.6<br>adjusted jobs & pop.                     |
| Normalized Measure Value (0-100)                               | 45.3                                      | 69.8                           | 5.4                                   | 0.4                                      | 0.0                        | 0.0                                                      | 1.8                                             | 51.0                                                       | 7.5                                  | 4.9                                    | 1.2                              | 55.6                                                     | 16.4                                                 |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                  | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 57.5                                      |                                | 2.9                                   |                                          | 0.4                        |                                                          |                                                 | 33.1                                                       |                                      |                                        | 28.4                             |                                                          | 16.4                                                 |
| Factor Weight (% of Project Score)                             | 45%                                       |                                | 5%                                    |                                          | 15%                        |                                                          |                                                 | 5%                                                         |                                      |                                        | 10%                              |                                                          | 20%                                                  |
| Weighted Factor Value                                          | 25.9                                      |                                | 0.1                                   |                                          | 0.1                        |                                                          |                                                 | 1.7                                                        |                                      |                                        | 2.8                              |                                                          | 3.3                                                  |
| Project Benefit                                                | 33.8                                      |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                      |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$112,052,610                             |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                      |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 3.0                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                      |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

For more information on how to read a scorecard, click here.

## Acquisition of Transit Buses

App Id: 1244

Purchase of 12 new 40-passenger Gillig expansion transit buses to provide connections to existing and future Silver Line Metrorail Stations. The new buses will include fareboxes, clever devices, and realtime traveler information.

Project Location..... Multiple  
SMART SCALE Area Type..... A  
Submitting Entity..... Loudoun County  
Preliminary Engineering..... Not Needed  
Right of Way..... Not Needed  
Construction..... Not Needed  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... Locality  
Eligible Funding Program(s)..... Both  
VTrans Need..... Northern Virginia Regional Network  
( Click for details )



**8.2**

SMART SCALE  
SCORE

**#94**

OF 404 STATEWIDE

**#13**

OF 58 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$7,200,000**

Total Project Cost..... **\$7,200,000**

Project Benefit..... **5.9**

Project Benefit / Total Cost..... **8.2**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                      |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted               | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 272.0<br>persons                          | 310.4<br>person hrs.           | 7.5<br>EPDO                           | 0.0<br>EPDO / 100M VMT                   | 0.0<br>jobs per resident   | 0.0<br>jobs per resident                                 | 1,360.0<br>adjusted users                       | 0.0<br>thousand adj sq. ft.                                | 838,322.8<br>thousand adj daily tons | 0.0<br>adj. buffer time index          | 272.0<br>adjusted points         | 5.4<br>scaled points                                     | 9,307.4<br>adjusted jobs & pop.                      |
| Normalized Measure Value (0-100)                               | 2.7                                       | 9.5                            | 2.3                                   | 0.0                                      | 0.0                        | 0.0                                                      | 9.3                                             | 0.0                                                        | 49.5                                 | 0.0                                    | 1.6                              | 10.4                                                     | 8.2                                                  |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 100%                                  | 0%                                       | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                  | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 6.1                                       |                                | 2.3                                   |                                          | 1.9                        |                                                          |                                                 | 9.9                                                        |                                      |                                        | 6.0                              |                                                          | 8.2                                                  |
| Factor Weight (% of Project Score)                             | 45%                                       |                                | 5%                                    |                                          | 15%                        |                                                          |                                                 | 5%                                                         |                                      |                                        | 10%                              |                                                          | 20%                                                  |
| Weighted Factor Value                                          | 2.8                                       |                                | 0.1                                   |                                          | 0.3                        |                                                          |                                                 | 0.5                                                        |                                      |                                        | 0.6                              |                                                          | 1.6                                                  |
| Project Benefit                                                | 5.9                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                      |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$7,200,000                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                      |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 8.2                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                      |                                        |                                  |                                                          |                                                      |



# PROJECT SCORECARD

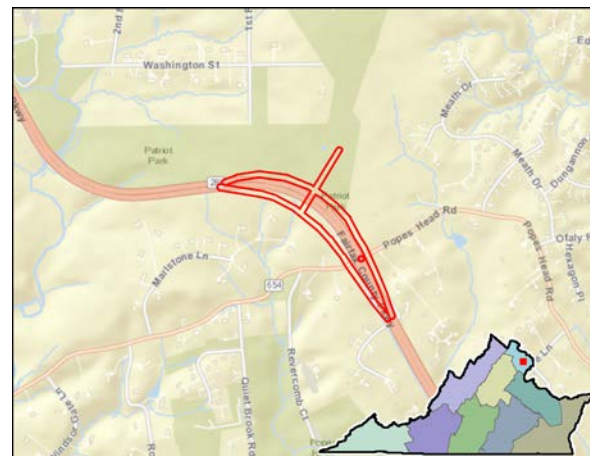
For more information on how to read a scorecard, click [here](#).

VA 286 - Popes Head Road Interchange

App Id: 1249

Construct interchange at the intersection of Fairfax County Parkway, Popes Head Road and Shirley Gate Road Extension per the Fairfax County Transportation Plan.

Project Location..... Fairfax County  
SMART SCALE Area Type..... A  
Submitting Entity..... Fairfax County  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... Both  
VTrans Need..... Northern Virginia Regional Network  
( Click for details )



**7.4**

SMART SCALE  
SCORE

**#100** OF 404 STATEWIDE

**#14** OF 58 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$50,558,370**

Total Project Cost..... **\$64,303,070**

Project Benefit..... **37.2**

Project Benefit / Total Cost..... **5.8**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility                |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|------------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs   | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 6,192.0<br>persons                        | 1,760.9<br>person hrs.         | 27.0<br>EPDO                          | 211.2<br>EPDO / 100M VMT                 | 1,815.2<br>jobs per resident | 1,833.6<br>jobs per resident                             | 0.0<br>adjusted users                           | 0.0<br>thousand adj sq. ft.                                | 0.0<br>thousand adj daily tons | 4,944,815.5<br>adj. buffer time index  | 0.0<br>adjusted points           | 27.9<br>scaled points                                    | 0.0<br>adjusted jobs & pop.                          |
| Normalized Measure Value (0-100)                               | 61.1                                      | 54.2                           | 8.2                                   | 1.1                                      | 69.2                         | 69.7                                                     | 0.0                                             | 0.0                                                        | 0.0                            | 0.4                                    | 0.0                              | 54.1                                                     | 0.0                                                  |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                          | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 57.6                                      |                                | 4.7                                   |                                          | 55.5                         |                                                          |                                                 | 0.1                                                        |                                |                                        | 27.0                             |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 45%                                       |                                | 5%                                    |                                          | 15%                          |                                                          |                                                 | 5%                                                         |                                |                                        | 10%                              |                                                          | 20%                                                  |
| Weighted Factor Value                                          | 25.9                                      |                                | 0.2                                   |                                          | 8.3                          |                                                          |                                                 | 0.0                                                        |                                |                                        | 2.7                              |                                                          | 0.0                                                  |
| Project Benefit                                                | 37.2                                      |                                |                                       |                                          |                              |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$50,558,370                              |                                |                                       |                                          |                              |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 7.4                                       |                                |                                       |                                          |                              |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |



# PROJECT SCORECARD

For more information on how to read a scorecard, click [here](#).

Backlick Run Trail Phase I

App Id: 1277

Extend the Backlick Run trail from Cameron Station to South Van Dorn Street

Project Location..... Alexandria  
SMART SCALE Area Type..... A  
Submitting Entity..... Alexandria City  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... Locality  
Eligible Funding Program(s)..... Both  
VTrans Need..... Northern Virginia Regional Network  
( [Click for details](#) )



**9.3**

SMART SCALE  
SCORE

**#81**

OF 404 STATEWIDE

**#12**

OF 58 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$5,044,545**

Total Project Cost..... **\$7,162,783**

Project Benefit..... **4.7**

Project Benefit / Total Cost..... **6.6**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 41.5<br>persons                           | 0.0<br>person hrs.             | 0.0<br>EPDO                           | 0.0<br>EPDO / 100M VMT                   | 3.0<br>jobs per resident   | 2.9<br>jobs per resident                                 | 124.5<br>adjusted users                         | 0.0<br>thousand adj sq. ft.                                | 0.0<br>thousand adj daily tons | 0.0<br>adj. buffer time index          | 166.0<br>adjusted points         | 3.3<br>scaled points                                     | 23,776.3<br>adjusted jobs & pop.                     |
| Normalized Measure Value (0-100)                               | 0.4                                       | 0.0                            | 0.0                                   | 0.0                                      | 0.1                        | 0.1                                                      | 0.9                                             | 0.0                                                        | 0.0                            | 0.0                                    | 1.0                              | 6.5                                                      | 21.0                                                 |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 0.2                                       |                                | 0.0                                   |                                          | 0.3                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 3.7                              |                                                          | 21.0                                                 |
| Factor Weight (% of Project Score)                             | 45%                                       |                                | 5%                                    |                                          | 15%                        |                                                          |                                                 | 5%                                                         |                                |                                        | 10%                              |                                                          | 20%                                                  |
| Weighted Factor Value                                          | 0.1                                       |                                | 0.0                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.4                              |                                                          | 4.2                                                  |
| Project Benefit                                                | 4.7                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$5,044,545                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 9.3                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

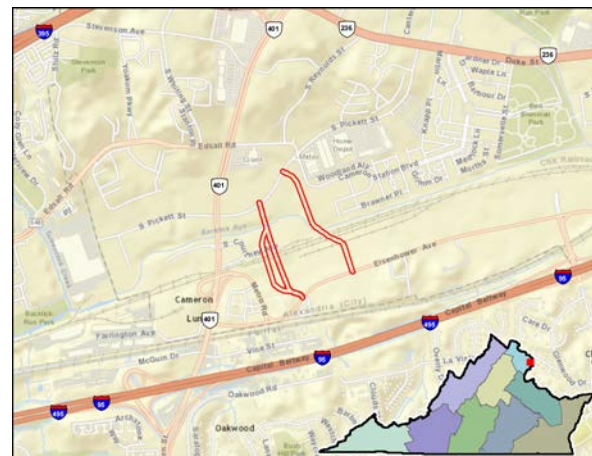
For more information on how to read a scorecard, click here.

Van Dorn Metro Multimodal Bridge

App Id: 1279

Construct a multimodal bridge between Eisenhower Avenue and S. Pickett Street.

Project Location..... Alexandria  
SMART SCALE Area Type..... A  
Submitting Entity..... Alexandria City  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... Locality  
Eligible Funding Program(s)..... Both  
VTrans Need..... Northern Virginia Regional Network  
( Click for details )



**3.8**

SMART SCALE  
SCORE

**#152** OF 404 STATEWIDE

**#26** OF 58 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$20,000,030**

Total Project Cost..... **\$70,023,030**

Project Benefit..... **7.5**

Project Benefit / Total Cost..... **1.1**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                    |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted             | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 299.6<br>persons                          | 144.9<br>person hrs.           | 0.0<br>EPDO                           | 0.0<br>EPDO / 100M VMT                   | 0.0<br>jobs per resident   | 0.0<br>jobs per resident                                 | 193.0<br>adjusted users                         | 0.0<br>thousand adj sq. ft.                                | 2,643.3<br>thousand adj daily tons | 6,472,030.1<br>adj. buffer time index  | 193.0<br>adjusted points         | 3.4<br>scaled points                                     | 30,833.8<br>adjusted jobs & pop.                     |
| Normalized Measure Value (0-100)                               | 3.0                                       | 4.5                            | 0.0                                   | 0.0                                      | 0.0                        | 0.0                                                      | 1.3                                             | 0.0                                                        | 0.2                                | 0.5                                    | 1.1                              | 6.6                                                      | 27.2                                                 |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 3.7                                       |                                | 0.0                                   |                                          | 0.3                        |                                                          |                                                 | 0.1                                                        |                                    |                                        | 3.8                              |                                                          | 27.2                                                 |
| Factor Weight (% of Project Score)                             | 45%                                       |                                | 5%                                    |                                          | 15%                        |                                                          |                                                 | 5%                                                         |                                    |                                        | 10%                              |                                                          | 20%                                                  |
| Weighted Factor Value                                          | 1.7                                       |                                | 0.0                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                    |                                        | 0.4                              |                                                          | 5.4                                                  |
| Project Benefit                                                | 7.5                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$20,000,030                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 3.8                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

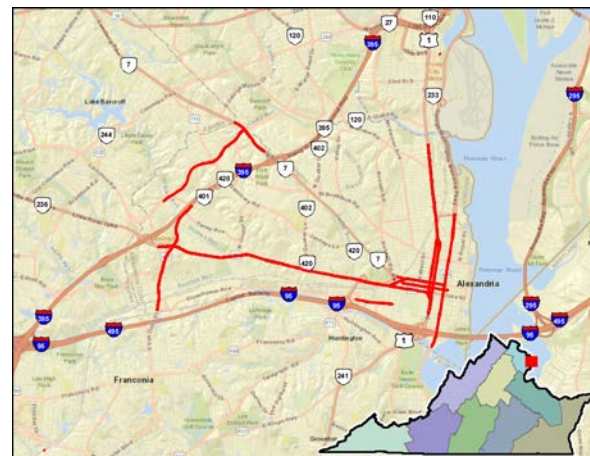
For more information on how to read a scorecard, click here.

Traffic Adaptive Signal Control Fiber Optic

App Id: 1280

To further implement adaptive traffic signal control using advanced technologies.

Project Location..... Alexandria  
 SMART SCALE Area Type..... A  
 Submitting Entity..... Alexandria City  
 Preliminary Engineering..... Not Started  
 Right of Way..... Not Needed  
 Construction..... Not Started  
 Expenditures to Date..... N/A  
 Key Fund Sources..... N/A  
 Administered By..... Locality  
 Eligible Funding Program(s)..... Both  
 VTrans Need..... Northern Virginia Regional Network  
 ( Click for details )



**10.9**

SMART SCALE  
SCORE

**#72**

OF 404 STATEWIDE

**#11**

OF 58 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$7,675,900**

Total Project Cost..... **\$7,675,900**

Project Benefit..... **8.4**

Project Benefit / Total Cost..... **10.9**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                         | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|-----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability  | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 29.3<br>persons                           | 129.0<br>person hrs.           | 58.5<br>EPDO                          | 35.7<br>EPDO / 100M VMT                  | 135.0<br>jobs per resident | 134.3<br>jobs per resident                               | 0.0<br>adjusted users                           | 0.0<br>thousand adj sq. ft.                                | 0.0<br>thousand adj daily tons | 590,762,086.6<br>adj. buffer time index | 199.2<br>adjusted points         | 7.6<br>scaled points                                     | 28,909.6<br>adjusted jobs & pop.                     |
| Normalized Measure Value (0-100)                               | 0.3                                       | 4.0                            | 17.8                                  | 0.2                                      | 5.1                        | 5.1                                                      | 0.0                                             | 0.0                                                        | 0.0                            | 43.3                                    | 1.2                              | 14.8                                                     | 25.5                                                 |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                     | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 2.1                                       |                                | 9.0                                   |                                          | 4.1                        |                                                          |                                                 | 8.7                                                        |                                |                                         | 8.0                              |                                                          | 25.5                                                 |
| Factor Weight (% of Project Score)                             | 45%                                       |                                | 5%                                    |                                          | 15%                        |                                                          |                                                 | 5%                                                         |                                |                                         | 10%                              |                                                          | 20%                                                  |
| Weighted Factor Value                                          | 1.0                                       |                                | 0.4                                   |                                          | 0.6                        |                                                          |                                                 | 0.4                                                        |                                |                                         | 0.8                              |                                                          | 5.1                                                  |
| Project Benefit                                                | 8.4                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                         |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$7,675,900                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                         |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 10.9                                      |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                         |                                  |                                                          |                                                      |



# PROJECT SCORECARD

For more information on how to read a scorecard, click [here](#).

## Route 15 Improvement with Railroad Overpass

App Id: 1292

This 0.6 mile long project will widen Rt 15 from 2 to 4 lanes and build an overpass over the existing Norfolk Southern Railway (NSRR) tracks. The project extends about 1000' north of the tracks (to just south of Rt 55 in the Town of Haymarket).

Project Location..... Prince William County  
SMART SCALE Area Type..... A  
Submitting Entity..... Prince William County  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... Locality  
Eligible Funding Program(s)..... Both  
VTrans Need..... Northern Virginia Regional Network  
( [Click for details](#) )



**0.9**

SMART SCALE  
SCORE

**#295** OF 404 STATEWIDE

**#45** OF 58 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$47,548,800**

Total Project Cost..... **\$53,939,800**

Project Benefit..... **4.0**

Project Benefit / Total Cost..... **0.7**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 23.1<br>persons                           | 376.9<br>person hrs.           | 17.0<br>EPDO                          | 437.8<br>EPDO / 100M VMT                 | 4.1<br>jobs per resident   | 4.1<br>jobs per resident                                 | 69.3<br>adjusted users                          | 480,375.0<br>thousand adj sq. ft.                          | 0.0<br>thousand adj daily tons | 4,484,426.7<br>adj. buffer time index  | 92.3<br>adjusted points          | 2.6<br>scaled points                                     | 4,685.1<br>adjusted jobs & pop.                      |
| Normalized Measure Value (0-100)                               | 0.2                                       | 11.6                           | 5.2                                   | 2.3                                      | 0.2                        | 0.2                                                      | 0.5                                             | 1.7                                                        | 0.0                            | 0.3                                    | 0.5                              | 5.1                                                      | 4.1                                                  |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 5.9                                       |                                | 3.7                                   |                                          | 0.2                        |                                                          |                                                 | 1.1                                                        |                                |                                        | 2.8                              |                                                          | 4.1                                                  |
| Factor Weight (% of Project Score)                             | 45%                                       |                                | 5%                                    |                                          | 15%                        |                                                          |                                                 | 5%                                                         |                                |                                        | 10%                              |                                                          | 20%                                                  |
| Weighted Factor Value                                          | 2.7                                       |                                | 0.2                                   |                                          | 0.0                        |                                                          |                                                 | 0.1                                                        |                                |                                        | 0.3                              |                                                          | 0.8                                                  |
| Project Benefit                                                | 4.0                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$47,548,800                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 0.9                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |



# PROJECT SCORECARD

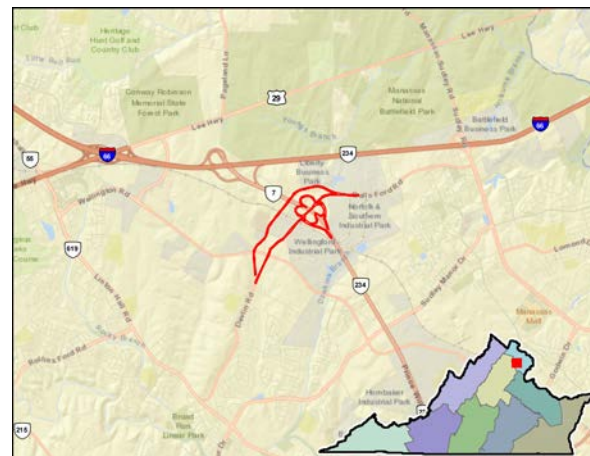
For more information on how to read a scorecard, click [here](#).

Route 234 At Balls Ford Intrchnng and Rel/Widen Balls Ford Rd

App Id: 1293

Project will provide a new grade separated interchange proposed at Rt. 234-Prince William Parkway and relocated Rt. 621-Balls Ford Road. In addition a new 4-lane facility with raised median will be constructed between Devlin Road and Doane Road.

Project Location..... Prince William County  
SMART SCALE Area Type..... A  
Submitting Entity..... Prince William County  
Preliminary Engineering..... Underway  
Right of Way..... Underway  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... MPO  
Administered By..... VDOT  
Eligible Funding Program(s)..... Both  
VTrans Need..... North-South Corridor CoSS  
( Click for details )



**3.3**

SMART SCALE  
SCORE

**#170** OF 404 STATEWIDE

**#30** OF 58 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$124,027,000**

Total Project Cost..... **\$126,027,000**

Project Benefit..... **41.3**

Project Benefit / Total Cost..... **3.3**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                      |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted               | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 6,637.0<br>persons                        | 3,250.9<br>person hrs.         | 51.3<br>EPDO                          | 349.7<br>EPDO / 100M VMT                 | 178.7<br>jobs per resident | 178.5<br>jobs per resident                               | 379.7<br>adjusted users                         | 4,299,984.0<br>thousand adj sq. ft.                        | 300,299.0<br>thousand adj daily tons | 44,012,506.7<br>adj. buffer time index | 1,517.9<br>adjusted points       | 16.9<br>scaled points                                    | 0.0<br>adjusted jobs & pop.                          |
| Normalized Measure Value (0-100)                               | 65.5                                      | 100.0                          | 15.6                                  | 1.8                                      | 6.8                        | 6.8                                                      | 2.6                                             | 15.3                                                       | 17.7                                 | 3.2                                    | 8.9                              | 32.8                                                     | 0.0                                                  |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                  | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 82.7                                      |                                | 8.7                                   |                                          | 6.0                        |                                                          |                                                 | 13.3                                                       |                                      |                                        | 20.8                             |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 45%                                       |                                | 5%                                    |                                          | 15%                        |                                                          |                                                 | 5%                                                         |                                      |                                        | 10%                              |                                                          | 20%                                                  |
| Weighted Factor Value                                          | 37.2                                      |                                | 0.4                                   |                                          | 0.9                        |                                                          |                                                 | 0.7                                                        |                                      |                                        | 2.1                              |                                                          | 0.0                                                  |
| Project Benefit                                                | 41.3                                      |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                      |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$124,027,000                             |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                      |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 3.3                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                      |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

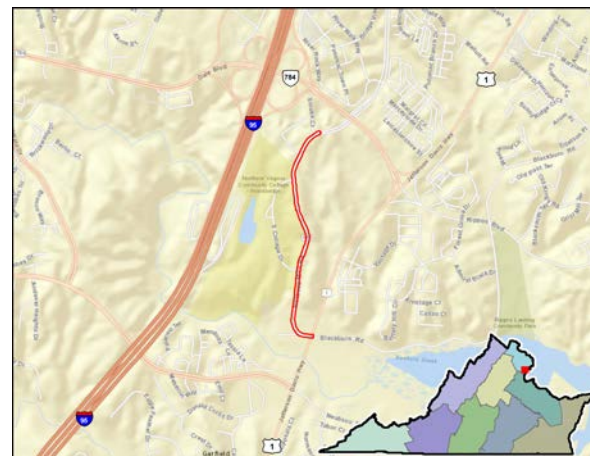
For more information on how to read a scorecard, click here.

Neabsco Mills Road Widening

App Id: 1295

This project will widen Neabsco Mills Road from two to four lanes between Smoke Court and Route 1/Jefferson Davis Highway. The total length of the project will be .93 miles. The project will also include the construction of a 10 foot shared use trail.

Project Location..... Prince William County  
SMART SCALE Area Type..... A  
Submitting Entity..... Prince William County  
Preliminary Engineering..... Underway  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... \$1,574  
Key Fund Sources..... MPO/RS or Other CTB Grant  
Administered By..... Locality  
Eligible Funding Program(s)..... Both  
VTrans Need..... Northern Virginia Regional Network  
( Click for details )



**1.1**

SMART SCALE  
SCORE

**#276** OF 404 STATEWIDE

**#44** OF 58 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$11,967,900**

Total Project Cost..... **\$28,254,600**

Project Benefit..... **1.3**

Project Benefit / Total Cost..... **0.5**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                     |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|-------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted              | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 160.2<br>persons                          | 32.9<br>person hrs.            | 7.6<br>EPDO                           | 121.0<br>EPDO / 100M VMT                 | 86.0<br>jobs per resident  | 87.6<br>jobs per resident                                | 179.5<br>adjusted users                         | 164,484.0<br>thousand adj sq. ft.                          | 11,594.1<br>thousand adj daily tons | 10,370,322.3<br>adj. buffer time index | 239.4<br>adjusted points         | 1.1<br>scaled points                                     | 0.0<br>adjusted jobs & pop.                          |
| Normalized Measure Value (0-100)                               | 1.6                                       | 1.0                            | 2.3                                   | 0.6                                      | 3.3                        | 3.3                                                      | 1.2                                             | 0.6                                                        | 0.7                                 | 0.8                                    | 1.4                              | 2.1                                                      | 0.0                                                  |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                 | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 1.3                                       |                                | 1.5                                   |                                          | 2.9                        |                                                          |                                                 | 0.6                                                        |                                     |                                        | 1.8                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 45%                                       |                                | 5%                                    |                                          | 15%                        |                                                          |                                                 | 5%                                                         |                                     |                                        | 10%                              |                                                          | 20%                                                  |
| Weighted Factor Value                                          | 0.6                                       |                                | 0.1                                   |                                          | 0.4                        |                                                          |                                                 | 0.0                                                        |                                     |                                        | 0.2                              |                                                          | 0.0                                                  |
| Project Benefit                                                | 1.3                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$11,967,900                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 1.1                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

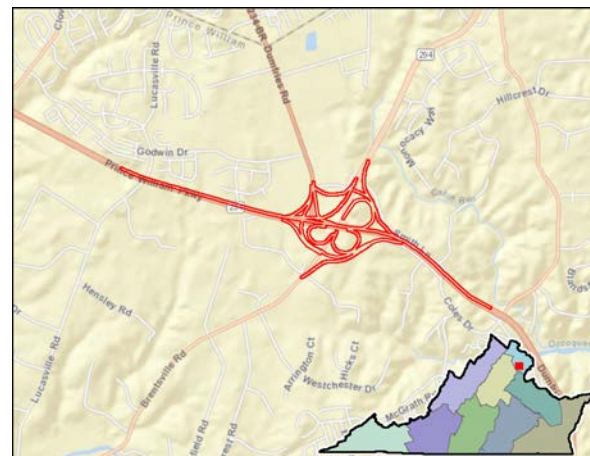
For more information on how to read a scorecard, click [here](#).

Route 234 Bypass at Dumfries/PWP/Brentsville Rd Interchange

App Id: 1296

Project will provide a new grade separated interchange at Route 234 Bypass-Prince William Parkway and Route 294-PW Parkway/Route 234 Bus.-Dumfries Road/Route 649-Brentsville Road.

Project Location..... Prince William County  
SMART SCALE Area Type..... A  
Submitting Entity..... Prince William County  
Preliminary Engineering..... Underway  
Right of Way..... Underway  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... Both  
VTrans Need..... North-South Corridor CoSS  
( Click for details )



**0.8**

SMART SCALE  
SCORE

**#298** OF 404 STATEWIDE

**#48** OF 58 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$104,830,000**

Total Project Cost..... **\$104,830,000**

Project Benefit..... **8.4**

Project Benefit / Total Cost..... **0.8**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                     |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|-------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted              | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 598.7<br>persons                          | 336.3<br>person hrs.           | 108.5<br>EPDO                         | 824.9<br>EPDO / 100M VMT                 | 663.8<br>jobs per resident | 658.5<br>jobs per resident                               | 178.3<br>adjusted users                         | 0.0<br>thousand adj sq. ft.                                | 29,566.2<br>thousand adj daily tons | 18,983,388.0<br>adj. buffer time index | 237.7<br>adjusted points         | 6.7<br>scaled points                                     | 0.0<br>adjusted jobs & pop.                          |
| Normalized Measure Value (0-100)                               | 5.9                                       | 10.3                           | 33.0                                  | 4.3                                      | 25.3                       | 25.0                                                     | 1.2                                             | 0.0                                                        | 1.7                                 | 1.4                                    | 1.4                              | 13.1                                                     | 0.0                                                  |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                 | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 8.1                                       |                                | 18.6                                  |                                          | 20.4                       |                                                          |                                                 | 0.6                                                        |                                     |                                        | 7.2                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 45%                                       |                                | 5%                                    |                                          | 15%                        |                                                          |                                                 | 5%                                                         |                                     |                                        | 10%                              |                                                          | 20%                                                  |
| Weighted Factor Value                                          | 3.7                                       |                                | 0.9                                   |                                          | 3.1                        |                                                          |                                                 | 0.0                                                        |                                     |                                        | 0.7                              |                                                          | 0.0                                                  |
| Project Benefit                                                | 8.4                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$104,830,000                             |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 0.8                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |



# PROJECT SCORECARD

For more information on how to read a scorecard, click [here](#).

Route 1 & 123 Interchange

App Id: 1298

This project involves constructing Route 123 overpass over Route 1 and the CSXT railroad tracks and widening Route 123, connecting Route 123 to Belmont Bay Drive. Project will also provide several other intersection improvements.

Project Location..... Prince William County  
SMART SCALE Area Type..... A  
Submitting Entity..... Prince William County  
Preliminary Engineering..... Underway  
Right of Way..... Not Needed  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... Both  
VTrans Need..... Washington to North Carolina CoSS  
( Click for details )



**0.8**

SMART SCALE  
SCORE

**#299** OF 404 STATEWIDE

**#49** OF 58 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$72,144,800**

Total Project Cost..... **\$72,144,800**

Project Benefit..... **5.8**

Project Benefit / Total Cost..... **0.8**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                     |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|-------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted              | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 370.8<br>persons                          | 178.0<br>person hrs.           | 0.0<br>EPDO                           | 0.0<br>EPDO / 100M VMT                   | 20.1<br>jobs per resident  | 20.4<br>jobs per resident                                | 74.1<br>adjusted users                          | 19,250.0<br>thousand adj sq. ft.                           | 25,216.9<br>thousand adj daily tons | 11,189,342.7<br>adj. buffer time index | 118.5<br>adjusted points         | 4.3<br>scaled points                                     | 17,608.5<br>adjusted jobs & pop.                     |
| Normalized Measure Value (0-100)                               | 3.7                                       | 5.5                            | 0.0                                   | 0.0                                      | 0.8                        | 0.8                                                      | 0.5                                             | 0.1                                                        | 1.5                                 | 0.8                                    | 0.7                              | 8.4                                                      | 15.6                                                 |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                 | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 4.6                                       |                                | 0.0                                   |                                          | 0.7                        |                                                          |                                                 | 0.5                                                        |                                     |                                        | 4.5                              |                                                          | 15.6                                                 |
| Factor Weight (% of Project Score)                             | 45%                                       |                                | 5%                                    |                                          | 15%                        |                                                          |                                                 | 5%                                                         |                                     |                                        | 10%                              |                                                          | 20%                                                  |
| Weighted Factor Value                                          | 2.1                                       |                                | 0.0                                   |                                          | 0.1                        |                                                          |                                                 | 0.0                                                        |                                     |                                        | 0.5                              |                                                          | 3.1                                                  |
| Project Benefit                                                | 5.8                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$72,144,800                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 0.8                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |



# PROJECT SCORECARD

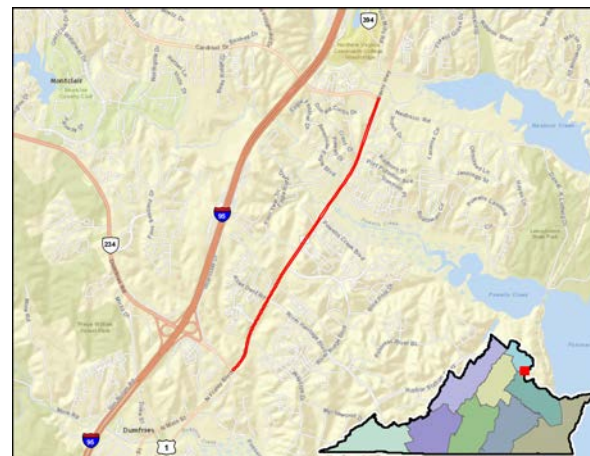
For more information on how to read a scorecard, click [here](#).

Route 1/Jeff Davis Widening from Cardinal/Neabsco to Rte 234

App Id: 1299

This project will widen Route 1/Jefferson Davis Highway to six lanes between Neabsco Road and Route 234/Dumfries Road in Prince William County.

Project Location..... Prince William County  
SMART SCALE Area Type..... A  
Submitting Entity..... Prince William County  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... Locality  
Eligible Funding Program(s)..... Both  
VTrans Need..... Washington to North Carolina CoSS  
( Click for details )



**0.7**

SMART SCALE  
SCORE

**#306** OF 404 STATEWIDE

**#50** OF 58 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$200,044,000**

Total Project Cost..... **\$200,044,000**

Project Benefit..... **14.8**

Project Benefit / Total Cost..... **0.7**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                  |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|----------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted           | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 222.6 persons                             | 1,166.1 person hrs.            | 187.0 EPDO                            | 431.5 EPDO / 100M VMT                    | 266.3 jobs per resident    | 271.0 jobs per resident                                  | 1,113.0 adjusted users                          | 46,158.0 thousand adj sq. ft.                              | 14,583.4 thousand adj daily tons | 138,160,499.3 adj. buffer time index   | 1,558.2 adjusted points          | 12.7 scaled points                                       | 8,583.0 adjusted jobs & pop.                         |
| Normalized Measure Value (0-100)                               | 2.2                                       | 35.9                           | 56.9                                  | 2.2                                      | 10.2                       | 10.3                                                     | 7.6                                             | 0.2                                                        | 0.9                              | 10.1                                   | 9.1                              | 24.7                                                     | 7.6                                                  |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                              | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 19.0                                      |                                | 29.6                                  |                                          | 9.7                        |                                                          |                                                 | 2.3                                                        |                                  |                                        | 16.9                             |                                                          | 7.6                                                  |
| Factor Weight (% of Project Score)                             | 45%                                       |                                | 5%                                    |                                          | 15%                        |                                                          |                                                 | 5%                                                         |                                  |                                        | 10%                              |                                                          | 20%                                                  |
| Weighted Factor Value                                          | 8.6                                       |                                | 1.5                                   |                                          | 1.5                        |                                                          |                                                 | 0.1                                                        |                                  |                                        | 1.7                              |                                                          | 1.5                                                  |
| Project Benefit                                                | 14.8                                      |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                  |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$200,044,000                             |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                  |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 0.7                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                  |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

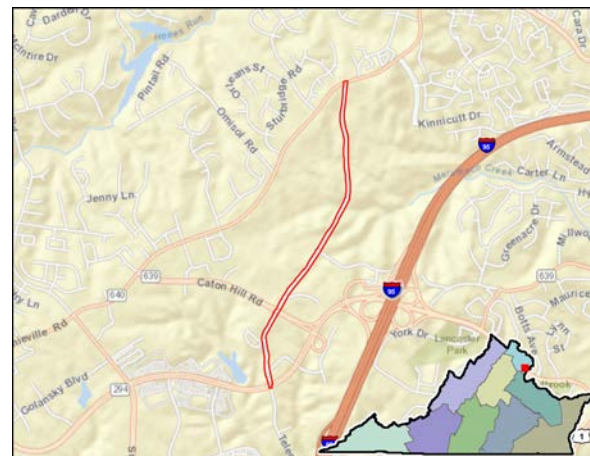
For more information on how to read a scorecard, click here.

Widen Telegraph Road from Minnieville to Prince William Pkwy

App Id: 1300

This project will include the widening of the existing Telegraph Road in Woodbridge from two lanes to four lanes between Minnieville Road and Route 294. The length of the project is 1.52 miles and includes a sidewalk and a multi use path.

Project Location..... Prince William County  
SMART SCALE Area Type..... A  
Submitting Entity..... Prince William County  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... Locality  
Eligible Funding Program(s)..... Both  
VTrans Need..... Northern Virginia Regional Network  
( Click for details )



**2.7**

SMART SCALE  
SCORE

**#191** OF 404 STATEWIDE

**#36** OF 58 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$40,598,500**

Total Project Cost..... **\$40,598,500**

Project Benefit..... **11.1**

Project Benefit / Total Cost..... **2.7**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 103.0<br>persons                          | 700.9<br>person hrs.           | 16.2<br>EPDO                          | 263.4<br>EPDO / 100M VMT                 | 567.7<br>jobs per resident | 576.8<br>jobs per resident                               | 353.3<br>adjusted users                         | 0.0<br>thousand adj sq. ft.                                | 0.0<br>thousand adj daily tons | 7,459,593.2<br>adj. buffer time index  | 424.0<br>adjusted points         | 9.6<br>scaled points                                     | 11,985.6<br>adjusted jobs & pop.                     |
| Normalized Measure Value (0-100)                               | 1.0                                       | 21.6                           | 4.9                                   | 1.4                                      | 21.7                       | 21.9                                                     | 2.4                                             | 0.0                                                        | 0.0                            | 0.5                                    | 2.5                              | 18.7                                                     | 10.6                                                 |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 11.3                                      |                                | 3.1                                   |                                          | 17.9                       |                                                          |                                                 | 0.1                                                        |                                |                                        | 10.6                             |                                                          | 10.6                                                 |
| Factor Weight (% of Project Score)                             | 45%                                       |                                | 5%                                    |                                          | 15%                        |                                                          |                                                 | 5%                                                         |                                |                                        | 10%                              |                                                          | 20%                                                  |
| Weighted Factor Value                                          | 5.1                                       |                                | 0.2                                   |                                          | 2.7                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 1.1                              |                                                          | 2.1                                                  |
| Project Benefit                                                | 11.1                                      |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$40,598,500                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 2.7                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

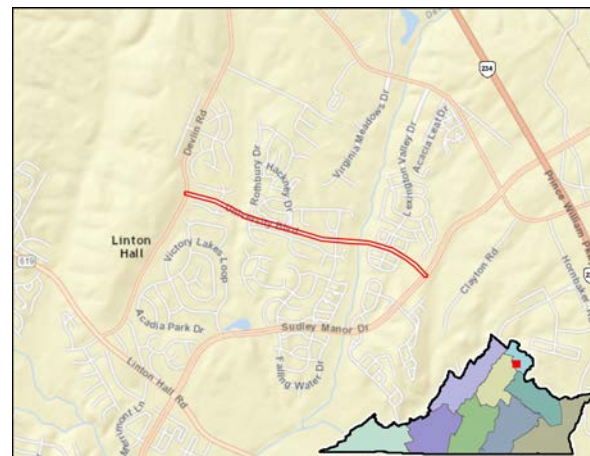
For more information on how to read a scorecard, click [here](#).

University Boulevard Extension

App Id: 1302

The project will extend University Boulevard from its current terminus at Huddersfield Way to Sudley Manor Drive. The new portion of University Boulevard will be four lanes wide. The project will also widen the existing portion of University Blvd.

Project Location..... Prince William County  
SMART SCALE Area Type..... A  
Submitting Entity..... Prince William County  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... Locality  
Eligible Funding Program(s)..... Both  
VTrans Need..... Northern Virginia Regional Network  
( [Click for details](#) )



**0.5**

SMART SCALE  
SCORE

**#335** OF 404 STATEWIDE

**#56** OF 58 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$37,545,392**

Total Project Cost..... **\$47,000,000**

Project Benefit..... **1.9**

Project Benefit / Total Cost..... **0.4**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                    |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted             | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 104.9<br>persons                          | 44.0<br>person hrs.            | 0.0<br>EPDO                           | 0.0<br>EPDO / 100M VMT                   | 0.9<br>jobs per resident   | 0.9<br>jobs per resident                                 | 47.6<br>adjusted users                          | 0.0<br>thousand adj sq. ft.                                | 2,294.4<br>thousand adj daily tons | 0.0<br>adj. buffer time index          | 63.5<br>adjusted points          | 1.6<br>scaled points                                     | 6,870.9<br>adjusted jobs & pop.                      |
| Normalized Measure Value (0-100)                               | 1.0                                       | 1.4                            | 0.0                                   | 0.0                                      | 0.0                        | 0.0                                                      | 0.3                                             | 0.0                                                        | 0.1                                | 0.0                                    | 0.4                              | 3.1                                                      | 6.1                                                  |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 1.2                                       |                                | 0.0                                   |                                          | 0.1                        |                                                          |                                                 | 0.0                                                        |                                    |                                        | 1.7                              |                                                          | 6.1                                                  |
| Factor Weight (% of Project Score)                             | 45%                                       |                                | 5%                                    |                                          | 15%                        |                                                          |                                                 | 5%                                                         |                                    |                                        | 10%                              |                                                          | 20%                                                  |
| Weighted Factor Value                                          | 0.5                                       |                                | 0.0                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                    |                                        | 0.2                              |                                                          | 1.2                                                  |
| Project Benefit                                                | 1.9                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$37,545,392                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 0.5                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |



# PROJECT SCORECARD

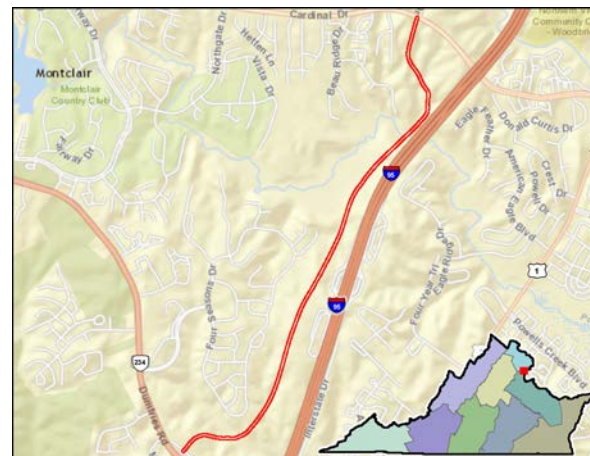
For more information on how to read a scorecard, click [here](#).

Van Buren, New Road & Bridge

App Id: 1303

The project will extend Van Buren Road from its current terminus at Route 234/Dumfries Road to Cardinal Drive near the intersection of Cardinal Drive and Benita Fitzgerald Boulevard.

Project Location..... Prince William County  
SMART SCALE Area Type..... A  
Submitting Entity..... Prince William County  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... Locality  
Eligible Funding Program(s)..... Both  
VTrans Need..... Northern Virginia Regional Network  
( [Click for details](#) )



**0.5**

SMART SCALE  
SCORE

**#337** OF 404 STATEWIDE

**#57** OF 58 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$60,947,500**

Total Project Cost..... **\$60,947,500**

Project Benefit..... **3.0**

Project Benefit / Total Cost..... **0.5**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                     |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|-------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted              | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 213.1<br>persons                          | 97.0<br>person hrs.            | 0.0<br>EPDO                           | 0.0<br>EPDO / 100M VMT                   | 49.3<br>jobs per resident  | 50.3<br>jobs per resident                                | 54.3<br>adjusted users                          | 0.0<br>thousand adj sq. ft.                                | 11,332.2<br>thousand adj daily tons | 36,310,439.4<br>adj. buffer time index | 72.4<br>adjusted points          | 2.4<br>scaled points                                     | 7,570.7<br>adjusted jobs & pop.                      |
| Normalized Measure Value (0-100)                               | 2.1                                       | 3.0                            | 0.0                                   | 0.0                                      | 1.9                        | 1.9                                                      | 0.4                                             | 0.0                                                        | 0.7                                 | 2.7                                    | 0.4                              | 4.7                                                      | 6.7                                                  |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                 | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 2.5                                       |                                | 0.0                                   |                                          | 1.6                        |                                                          |                                                 | 0.7                                                        |                                     |                                        | 2.6                              |                                                          | 6.7                                                  |
| Factor Weight (% of Project Score)                             | 45%                                       |                                | 5%                                    |                                          | 15%                        |                                                          |                                                 | 5%                                                         |                                     |                                        | 10%                              |                                                          | 20%                                                  |
| Weighted Factor Value                                          | 1.1                                       |                                | 0.0                                   |                                          | 0.2                        |                                                          |                                                 | 0.0                                                        |                                     |                                        | 0.3                              |                                                          | 1.3                                                  |
| Project Benefit                                                | 3.0                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$60,947,500                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 0.5                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |



# PROJECT SCORECARD

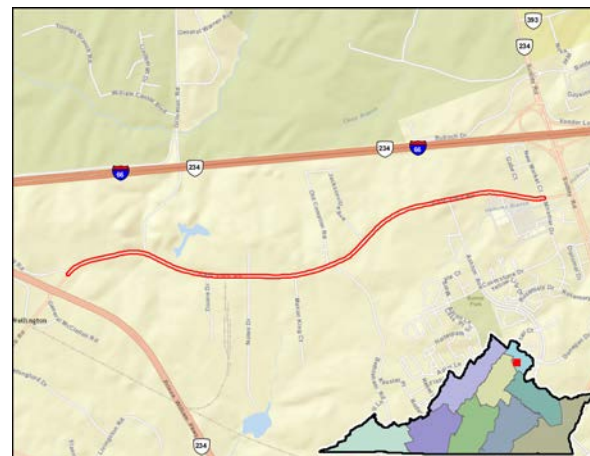
For more information on how to read a scorecard, click [here](#).

Balls Ford Road Widening - Groveton Road to Route 234 Bus.

App Id: 1304

The project involves widening of Balls Ford Road from two to four lanes from Groveton Road to Route 234 business, a distance of 1.95 miles. Project will also include a shared use trail and sidewalk.

Project Location..... Prince William County  
SMART SCALE Area Type..... A  
Submitting Entity..... Prince William County  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... Locality  
Eligible Funding Program(s)..... Both  
VTrans Need..... Northern Virginia Regional Network  
( Click for details )



**1.7**

SMART SCALE  
SCORE

**#245** OF 404 STATEWIDE

**#38** OF 58 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$53,563,700**

Total Project Cost..... **\$53,563,700**

Project Benefit..... **8.9**

Project Benefit / Total Cost..... **1.7**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                     |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|-------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted              | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 2,251.1<br>persons                        | 273.1<br>person hrs.           | 49.4<br>EPDO                          | 412.6<br>EPDO / 100M VMT                 | 136.5<br>jobs per resident | 135.8<br>jobs per resident                               | 254.7<br>adjusted users                         | 0.0<br>thousand adj sq. ft.                                | 75,374.1<br>thousand adj daily tons | 33,511,725.3<br>adj. buffer time index | 717.3<br>adjusted points         | 6.2<br>scaled points                                     | 0.0<br>adjusted jobs & pop.                          |
| Normalized Measure Value (0-100)                               | 22.2                                      | 8.4                            | 15.0                                  | 2.1                                      | 5.2                        | 5.2                                                      | 1.7                                             | 0.0                                                        | 4.5                                 | 2.5                                    | 4.2                              | 12.1                                                     | 0.0                                                  |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                 | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 15.3                                      |                                | 8.6                                   |                                          | 4.5                        |                                                          |                                                 | 1.4                                                        |                                     |                                        | 8.1                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 45%                                       |                                | 5%                                    |                                          | 15%                        |                                                          |                                                 | 5%                                                         |                                     |                                        | 10%                              |                                                          | 20%                                                  |
| Weighted Factor Value                                          | 6.9                                       |                                | 0.4                                   |                                          | 0.7                        |                                                          |                                                 | 0.1                                                        |                                     |                                        | 0.8                              |                                                          | 0.0                                                  |
| Project Benefit                                                | 8.9                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$53,563,700                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 1.7                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

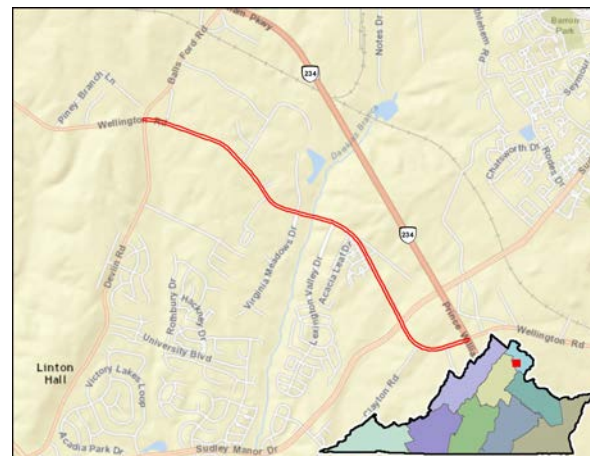
For more information on how to read a scorecard, click [here](#).

Wellington Road Widening from Devlin Road to Rt. 234 bypass

App Id: 1306

The project involves widening of Wellington Road from two to six lanes from Devlin Road to Prince William Parkway (Route 234) at a distance of 2.2 miles, includes a sidewalk and a multi-use trail on both sides of the facility.

Project Location..... Prince William County  
SMART SCALE Area Type..... A  
Submitting Entity..... Prince William County  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... Locality  
Eligible Funding Program(s)..... Both  
VTrans Need..... North-South Corridor CoSS  
( Click for details )



**0.1**

SMART SCALE  
SCORE

**#385** OF 404 STATEWIDE

**#58** OF 58 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$87,141,500**

Total Project Cost..... **\$87,141,500**

Project Benefit..... **1.2**

Project Benefit / Total Cost..... **0.1**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                     |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|-------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted              | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 22.4<br>persons                           | 85.2<br>person hrs.            | 31.2<br>EPDO                          | 153.1<br>EPDO / 100M VMT                 | 29.5<br>jobs per resident  | 29.9<br>jobs per resident                                | 67.1<br>adjusted users                          | 0.0<br>thousand adj sq. ft.                                | 21,432.8<br>thousand adj daily tons | 0.0<br>adj. buffer time index          | 89.5<br>adjusted points          | 0.8<br>scaled points                                     | 0.0<br>adjusted jobs & pop.                          |
| Normalized Measure Value (0-100)                               | 0.2                                       | 2.6                            | 9.5                                   | 0.8                                      | 1.1                        | 1.1                                                      | 0.5                                             | 0.0                                                        | 1.3                                 | 0.0                                    | 0.5                              | 1.6                                                      | 0.0                                                  |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                 | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 1.4                                       |                                | 5.1                                   |                                          | 1.0                        |                                                          |                                                 | 0.3                                                        |                                     |                                        | 1.1                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 45%                                       |                                | 5%                                    |                                          | 15%                        |                                                          |                                                 | 5%                                                         |                                     |                                        | 10%                              |                                                          | 20%                                                  |
| Weighted Factor Value                                          | 0.6                                       |                                | 0.3                                   |                                          | 0.1                        |                                                          |                                                 | 0.0                                                        |                                     |                                        | 0.1                              |                                                          | 0.0                                                  |
| Project Benefit                                                | 1.2                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$87,141,500                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 0.1                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

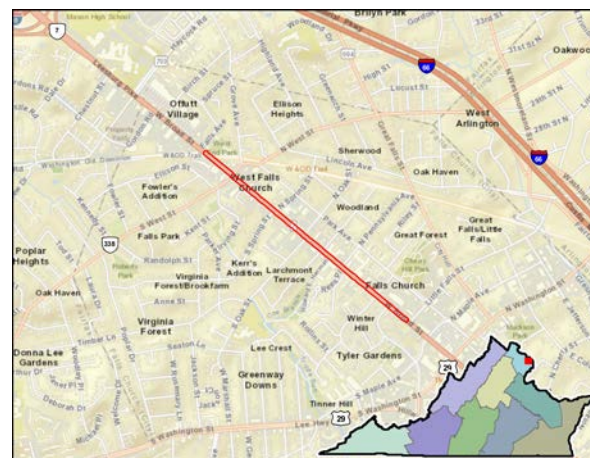
For more information on how to read a scorecard, click [here](#).

Broad Street Multimodal Improvements

App Id: 1333

This project will support continuing economic development in Northern Virginia and promote consistency with land use plans by installing multimodal improvements along Route 7, a regional network, in the City of Falls Church, a designated UDA.

Project Location..... Falls Church  
SMART SCALE Area Type..... A  
Submitting Entity..... Falls Church City  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... Locality  
Eligible Funding Program(s)..... Both  
VTrans Need..... Northern Virginia Regional Network  
( [Click for details](#) )



**27.8**

SMART SCALE  
SCORE

**#39**

OF 404 STATEWIDE

**#5**

OF 58 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$3,000,000**

Total Project Cost..... **\$3,000,000**

Project Benefit..... **8.3**

Project Benefit / Total Cost..... **27.8**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 135.5<br>persons                          | 0.0<br>person hrs.             | 18.0<br>EPDO                          | 312.5<br>EPDO / 100M VMT                 | 0.0<br>jobs per resident   | 0.0<br>jobs per resident                                 | 203.3<br>adjusted users                         | 449,554.5<br>thousand adj sq. ft.                          | 0.0<br>thousand adj daily tons | 8,813,060.1<br>adj. buffer time index  | 271.1<br>adjusted points         | 7.0<br>scaled points                                     | 39,675.7<br>adjusted jobs & pop.                     |
| Normalized Measure Value (0-100)                               | 1.3                                       | 0.0                            | 5.5                                   | 1.6                                      | 0.0                        | 0.0                                                      | 1.4                                             | 1.6                                                        | 0.0                            | 0.6                                    | 1.6                              | 13.6                                                     | 35.1                                                 |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 0.7                                       |                                | 3.5                                   |                                          | 0.3                        |                                                          |                                                 | 1.1                                                        |                                |                                        | 7.6                              |                                                          | 35.1                                                 |
| Factor Weight (% of Project Score)                             | 45%                                       |                                | 5%                                    |                                          | 15%                        |                                                          |                                                 | 5%                                                         |                                |                                        | 10%                              |                                                          | 20%                                                  |
| Weighted Factor Value                                          | 0.3                                       |                                | 0.2                                   |                                          | 0.0                        |                                                          |                                                 | 0.1                                                        |                                |                                        | 0.8                              |                                                          | 7.0                                                  |
| Project Benefit                                                | 8.3                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$3,000,000                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 27.8                                      |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |



# PROJECT SCORECARD

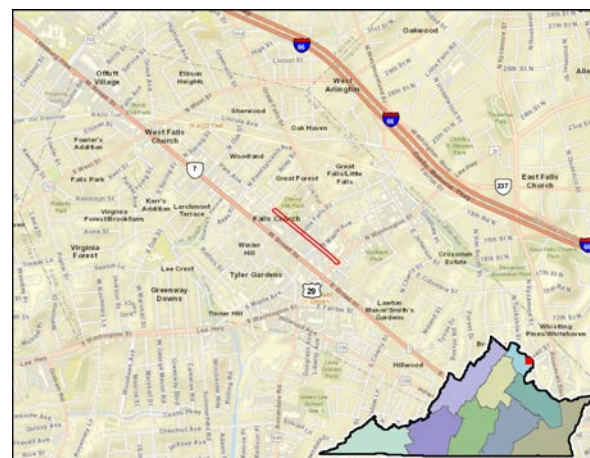
For more information on how to read a scorecard, click [here](#).

Park Avenue Multimodal Improvements

App Id: 1334

This project will support continuing economic development in Northern Virginia and promote consistency with land use plans by installing multimodal improvements along Park Avenue in the City of Falls Church, a designated UDA.

Project Location..... Falls Church  
SMART SCALE Area Type..... A  
Submitting Entity..... Falls Church City  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... Locality  
Eligible Funding Program(s)..... District Grant  
VTrans Need..... Falls Church UDA  
( Click for details )



**46.6**

SMART SCALE  
SCORE

**#19**

OF 404 STATEWIDE

**#3**

OF 58 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$2,000,000**

Total Project Cost..... **\$2,000,000**

Project Benefit..... **9.3**

Project Benefit / Total Cost..... **46.6**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 1.6<br>persons                            | 0.0<br>person hrs.             | 3.5<br>EPDO                           | 776.2<br>EPDO / 100M VMT                 | 0.0<br>jobs per resident   | 0.0<br>jobs per resident                                 | 2.4<br>adjusted users                           | 1,138,760.3<br>thousand adj sq. ft.                        | 0.0<br>thousand adj daily tons | 0.0<br>adj. buffer time index          | 3.3<br>adjusted points           | 7.8<br>scaled points                                     | 46,974.0<br>adjusted jobs & pop.                     |
| Normalized Measure Value (0-100)                               | 0.0                                       | 0.0                            | 1.0                                   | 4.0                                      | 0.0                        | 0.0                                                      | 0.0                                             | 4.0                                                        | 0.0                            | 0.0                                    | 0.0                              | 15.2                                                     | 41.5                                                 |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 0.0                                       |                                | 2.5                                   |                                          | 0.0                        |                                                          |                                                 | 2.4                                                        |                                |                                        | 7.6                              |                                                          | 41.5                                                 |
| Factor Weight (% of Project Score)                             | 45%                                       |                                | 5%                                    |                                          | 15%                        |                                                          |                                                 | 5%                                                         |                                |                                        | 10%                              |                                                          | 20%                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.1                                   |                                          | 0.0                        |                                                          |                                                 | 0.1                                                        |                                |                                        | 0.8                              |                                                          | 8.3                                                  |
| Project Benefit                                                | 9.3                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$2,000,000                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 46.6                                      |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |



# PROJECT SCORECARD

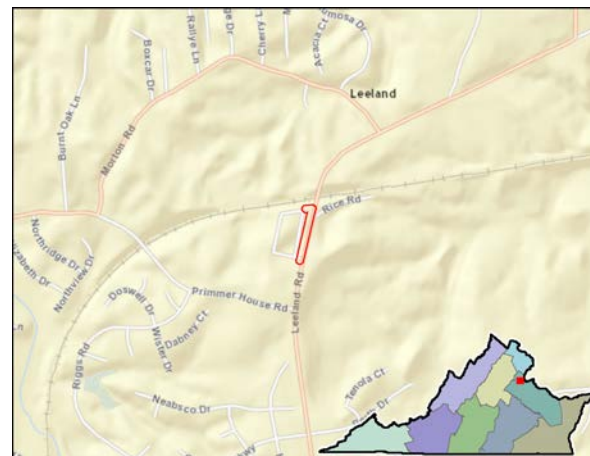
For more information on how to read a scorecard, click [here](#).

VRE Fredericksburg Line Capacity Expansion

App Id: 1414

The Fredericksburg Line Capacity Expansion project includes the acquiring rolling stock, and completing station and yard expansions to open new station, lengthen trains to eight cars, and improve reliability and reduce delays on the railroad.

Project Location..... Multiple  
SMART SCALE Area Type..... A  
Submitting Entity..... Northern Virginia Transportation Commission  
Preliminary Engineering..... Underway  
Right of Way..... Underway  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... Safety/MPO/Local  
Administered By..... Other  
Eligible Funding Program(s)..... High Priority  
VTrans Need..... Washington to North Carolina CoSS  
( [Click for details](#) )



**6.9**

SMART SCALE  
SCORE

**#107** OF 404 STATEWIDE

**#16** OF 58 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$92,636,120**

Total Project Cost..... **\$216,034,920**

Project Benefit..... **64.2**

Project Benefit / Total Cost..... **3.0**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility                |                                                          |                                                 | Economic Development                                       |                                        |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|------------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|----------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs   | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted                 | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 1,793.4<br>persons                        | 2,849.9<br>person hrs.         | 328.6<br>EPDO                         | 0.0<br>EPDO / 100M VMT                   | 1,628.4<br>jobs per resident | 1,640.5<br>jobs per resident                             | 8,967.1<br>adjusted users                       | 23,290,646.8<br>thousand adj sq. ft.                       | 1,604,065.2<br>thousand adj daily tons | 15,698,849.2<br>adj. buffer time index | 17,132.0<br>adjusted points      | 51.5<br>scaled points                                    | 72,435.8<br>adjusted jobs & pop.                     |
| Normalized Measure Value (0-100)                               | 17.7                                      | 87.7                           | 100.0                                 | 0.0                                      | 62.1                         | 62.4                                                     | 61.3                                            | 82.7                                                       | 94.7                                   | 1.2                                    | 100.0                            | 100.0                                                    | 64.0                                                 |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 100%                                  | 0%                                       | 60%                          | 20%                                                      | 20%                                             | 60%                                                        | 20%                                    | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 52.7                                      |                                | 100.0                                 |                                          | 62.0                         |                                                          |                                                 | 68.8                                                       |                                        |                                        | 100.0                            |                                                          | 64.0                                                 |
| Factor Weight (% of Project Score)                             | 45%                                       |                                | 5%                                    |                                          | 15%                          |                                                          |                                                 | 5%                                                         |                                        |                                        | 10%                              |                                                          | 20%                                                  |
| Weighted Factor Value                                          | 23.7                                      |                                | 5.0                                   |                                          | 9.3                          |                                                          |                                                 | 3.4                                                        |                                        |                                        | 10.0                             |                                                          | 12.8                                                 |
| Project Benefit                                                | 64.2                                      |                                |                                       |                                          |                              |                                                          |                                                 |                                                            |                                        |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$92,636,120                              |                                |                                       |                                          |                              |                                                          |                                                 |                                                            |                                        |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 6.9                                       |                                |                                       |                                          |                              |                                                          |                                                 |                                                            |                                        |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

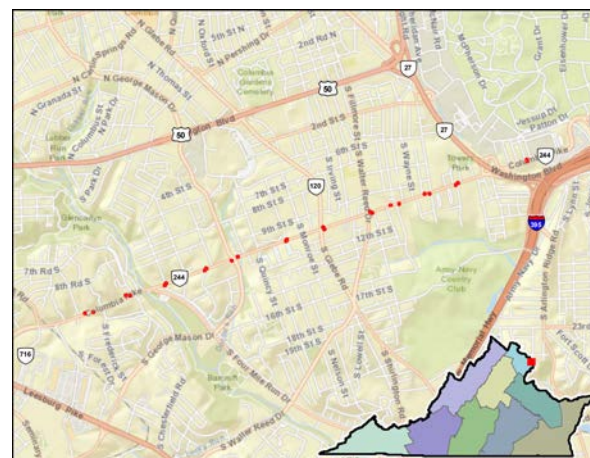
For more information on how to read a scorecard, click here.

Columbia Pike Smart Corridor

App Id: 1415

TDM improvements along Columbia Pike.

Project Location..... Arlington County  
SMART SCALE Area Type..... A  
Submitting Entity..... Arlington County  
Preliminary Engineering..... Not Needed  
Right of Way..... Not Needed  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... Locality  
Eligible Funding Program(s)..... Both  
VTrans Need..... Northern Virginia Regional Network  
( Click for details )



**217.4**

SMART SCALE  
SCORE

**#3**

OF 404 STATEWIDE

**#1**

OF 58 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$1,098,710**

Total Project Cost..... **\$1,098,710**

Project Benefit..... **23.9**

Project Benefit / Total Cost..... **217.4**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                     |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|-------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted              | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 598.8<br>persons                          | 1.0<br>person hrs.             | 14.1<br>EPDO                          | 67.2<br>EPDO / 100M VMT                  | 0.0<br>jobs per resident   | 0.0<br>jobs per resident                                 | 2,994.0<br>adjusted users                       | 389,987.5<br>thousand adj sq. ft.                          | 16,178.7<br>thousand adj daily tons | 2,323,819.7<br>adj. buffer time index  | 2,994.0<br>adjusted points       | 9.2<br>scaled points                                     | 113,152.5<br>adjusted jobs & pop.                    |
| Normalized Measure Value (0-100)                               | 5.9                                       | 0.0                            | 4.3                                   | 0.3                                      | 0.0                        | 0.0                                                      | 20.5                                            | 1.4                                                        | 1.0                                 | 0.2                                    | 17.5                             | 17.9                                                     | 100.0                                                |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                 | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 3.0                                       |                                | 2.3                                   |                                          | 4.1                        |                                                          |                                                 | 1.1                                                        |                                     |                                        | 17.7                             |                                                          | 100.0                                                |
| Factor Weight (% of Project Score)                             | 45%                                       |                                | 5%                                    |                                          | 15%                        |                                                          |                                                 | 5%                                                         |                                     |                                        | 10%                              |                                                          | 20%                                                  |
| Weighted Factor Value                                          | 1.3                                       |                                | 0.1                                   |                                          | 0.6                        |                                                          |                                                 | 0.1                                                        |                                     |                                        | 1.8                              |                                                          | 20.0                                                 |
| Project Benefit                                                | 23.9                                      |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$1,098,710                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 217.4                                     |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

For more information on how to read a scorecard, click [here](#).

Rosslyn-Ballston corridor multimodal connections

App Id: 1416

Expand bus service and add protected bike lanes in the Rosslyn-Ballston corridor.

Project Location..... Multiple  
SMART SCALE Area Type..... A  
Submitting Entity..... Arlington County  
Preliminary Engineering..... Not Started  
Right of Way..... Not Needed  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... Locality  
Eligible Funding Program(s)..... Both  
VTrans Need..... Northern Virginia Regional Network  
( [Click for details](#) )



**44.8**

SMART SCALE  
SCORE

**#20**

OF 404 STATEWIDE

**#4**

OF 58 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$5,654,200**

Total Project Cost..... **\$5,654,200**

Project Benefit..... **25.3**

Project Benefit / Total Cost..... **44.8**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                     |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|-------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted              | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 971.0<br>persons                          | 76.4<br>person hrs.            | 29.5<br>EPDO                          | 0.0<br>EPDO / 100M VMT                   | 0.0<br>jobs per resident   | 0.0<br>jobs per resident                                 | 4,855.0<br>adjusted users                       | 13,600,534.8<br>thousand adj sq. ft.                       | 18,825.1<br>thousand adj daily tons | 1,571,624.4<br>adj. buffer time index  | 2,913.0<br>adjusted points       | 20.0<br>scaled points                                    | 96,023.3<br>adjusted jobs & pop.                     |
| Normalized Measure Value (0-100)                               | 9.6                                       | 2.3                            | 9.0                                   | 0.0                                      | 0.0                        | 0.0                                                      | 33.2                                            | 48.3                                                       | 1.1                                 | 0.1                                    | 17.0                             | 38.7                                                     | 84.9                                                 |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 100%                                  | 0%                                       | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                 | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 6.0                                       |                                | 9.0                                   |                                          | 6.6                        |                                                          |                                                 | 29.2                                                       |                                     |                                        | 27.9                             |                                                          | 84.9                                                 |
| Factor Weight (% of Project Score)                             | 45%                                       |                                | 5%                                    |                                          | 15%                        |                                                          |                                                 | 5%                                                         |                                     |                                        | 10%                              |                                                          | 20%                                                  |
| Weighted Factor Value                                          | 2.7                                       |                                | 0.4                                   |                                          | 1.0                        |                                                          |                                                 | 1.5                                                        |                                     |                                        | 2.8                              |                                                          | 17.0                                                 |
| Project Benefit                                                | 25.3                                      |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$5,654,200                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 44.8                                      |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |



# PROJECT SCORECARD

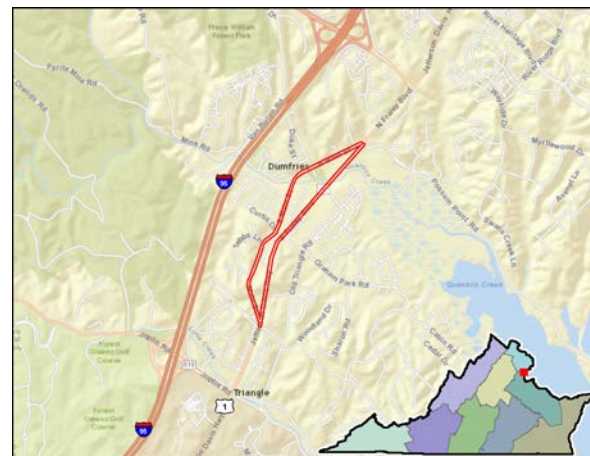
For more information on how to read a scorecard, click [here](#).

Route 1 (Fraley Boulevard) Widening

App Id: 1436

The intent of this project is to widen US 1 NB from a 2-lane undivided roadway to a 6-lane divided roadway from Brady's Hill Road to Possum Point Road, so both NB/SB traffic will be on the existing US 1 NB alignment.

Project Location..... Multiple  
SMART SCALE Area Type..... A  
Submitting Entity..... Dumfries Town  
Preliminary Engineering..... Underway  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... \$801,868  
Key Fund Sources..... Fed-State Disc/MPO/Local  
Administered By..... VDOT  
Eligible Funding Program(s)..... Both  
VTrans Need..... Washington to North Carolina CoSS  
( [Click for details](#) )



**1.2**

SMART SCALE  
SCORE

**#274** OF 404 STATEWIDE

**#43** OF 58 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$184,110,000**

Total Project Cost..... **\$191,733,000**

Project Benefit..... **21.3**

Project Benefit / Total Cost..... **1.1**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                         | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|-----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability  | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 2,681.6<br>persons                        | 1,289.0<br>person hrs.         | 148.1<br>EPDO                         | 379.5<br>EPDO / 100M VMT                 | 141.0<br>jobs per resident | 142.4<br>jobs per resident                               | 518.3<br>adjusted users                         | 1,721,261.8<br>thousand adj sq. ft.                        | 0.0<br>thousand adj daily tons | 166,729,896.7<br>adj. buffer time index | 518.3<br>adjusted points         | 16.0<br>scaled points                                    | 14,331.1<br>adjusted jobs & pop.                     |
| Normalized Measure Value (0-100)                               | 26.5                                      | 39.6                           | 45.1                                  | 2.0                                      | 5.4                        | 5.4                                                      | 3.5                                             | 6.1                                                        | 0.0                            | 12.2                                    | 3.0                              | 31.1                                                     | 12.7                                                 |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                     | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 33.1                                      |                                | 23.5                                  |                                          | 5.0                        |                                                          |                                                 | 6.1                                                        |                                |                                         | 17.1                             |                                                          | 12.7                                                 |
| Factor Weight (% of Project Score)                             | 45%                                       |                                | 5%                                    |                                          | 15%                        |                                                          |                                                 | 5%                                                         |                                |                                         | 10%                              |                                                          | 20%                                                  |
| Weighted Factor Value                                          | 14.9                                      |                                | 1.2                                   |                                          | 0.8                        |                                                          |                                                 | 0.3                                                        |                                |                                         | 1.7                              |                                                          | 2.5                                                  |
| Project Benefit                                                | 21.3                                      |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                         |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$184,110,000                             |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                         |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 1.2                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                         |                                  |                                                          |                                                      |



# PROJECT SCORECARD

For more information on how to read a scorecard, click here.

Construct Summit School Road From Existing to Telegraph Road

App Id: 1532

This project includes the extension of Summit School Road from its current terminus at Kinnicutt Drive to Telegraph Road. The total length of the Summit School Road portion of the project is 0.6 miles (or 3168 feet).

Project Location..... Prince William County  
SMART SCALE Area Type..... A  
Submitting Entity..... Prince William County  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... Locality  
Eligible Funding Program(s)..... Both  
VTrans Need..... Northern Virginia Regional Network  
( Click for details )



## 1.2

SMART SCALE  
SCORE

**#273** OF 404 STATEWIDE

**#42** OF 58 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$35,962,000**

Total Project Cost..... **\$35,962,000**

Project Benefit..... **4.2**

Project Benefit / Total Cost..... **1.2**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 117.0<br>persons                          | 50.0<br>person hrs.            | 0.0<br>EPDO                           | 0.0<br>EPDO / 100M VMT                   | 298.2<br>jobs per resident | 303.4<br>jobs per resident                               | 85.2<br>adjusted users                          | 0.0<br>thousand adj sq. ft.                                | 0.0<br>thousand adj daily tons | 0.0<br>adj. buffer time index          | 102.3<br>adjusted points         | 3.6<br>scaled points                                     | 10,186.2<br>adjusted jobs & pop.                     |
| Normalized Measure Value (0-100)                               | 1.2                                       | 1.5                            | 0.0                                   | 0.0                                      | 11.4                       | 11.5                                                     | 0.6                                             | 0.0                                                        | 0.0                            | 0.0                                    | 0.6                              | 7.0                                                      | 9.0                                                  |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 1.3                                       |                                | 0.0                                   |                                          | 9.2                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 3.8                              |                                                          | 9.0                                                  |
| Factor Weight (% of Project Score)                             | 45%                                       |                                | 5%                                    |                                          | 15%                        |                                                          |                                                 | 5%                                                         |                                |                                        | 10%                              |                                                          | 20%                                                  |
| Weighted Factor Value                                          | 0.6                                       |                                | 0.0                                   |                                          | 1.4                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.4                              |                                                          | 1.8                                                  |
| Project Benefit                                                | 4.2                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$35,962,000                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 1.2                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |

## PROJECT SCORECARD

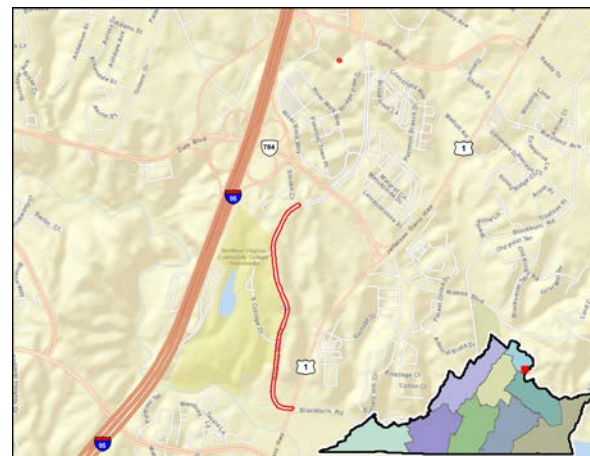
For more information on how to read a scorecard, click [here](#).

Neabsco Mills Road Widening w/ Potomac Town Center Garage

App Id: 1605

This project will widen Neabsco Mills Road from two to four lanes between Smoke Court and Route 1/Jefferson Davis Highway and include the construction of Potomac Town Center Garage

Project Location..... Prince William County  
 SMART SCALE Area Type..... A  
 Submitting Entity..... Prince William County  
 Preliminary Engineering..... Underway  
 Right of Way..... Not Started  
 Construction..... Not Started  
 Expenditures to Date..... \$1,574  
 Key Fund Sources..... RS or Other CTB Grant/Bond/MPO  
 Administered By..... Locality  
 Eligible Funding Program(s)..... Both  
 VTrans Need..... Northern Virginia Regional Network  
 ( [Click for details](#) )



**6.8**

SMART SCALE  
SCORE

**#111** OF 404 STATEWIDE

**#18** OF 58 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$38,638,100**

Total Project Cost..... **\$55,924,800**

Project Benefit..... **26.2**

Project Benefit / Total Cost..... **4.7**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility                |                                                          |                                                 | Economic Development                                       |                                     |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|------------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|-------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs   | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted              | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 1,178.3<br>persons                        | 1,121.6<br>person hrs.         | 71.6<br>EPDO                          | 2.0<br>EPDO / 100M VMT                   | 2,053.6<br>jobs per resident | 2,080.4<br>jobs per resident                             | 5,389.6<br>adjusted users                       | 157,890.0<br>thousand adj sq. ft.                          | 70,059.9<br>thousand adj daily tons | 0.0<br>adj. buffer time index          | 8,730.3<br>adjusted points       | 22.3<br>scaled points                                    | 0.0<br>adjusted jobs & pop.                          |
| Normalized Measure Value (0-100)                               | 11.6                                      | 34.5                           | 21.8                                  | 0.0                                      | 78.3                         | 79.1                                                     | 36.9                                            | 0.6                                                        | 4.1                                 | 0.0                                    | 51.0                             | 43.3                                                     | 0.0                                                  |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                          | 20%                                                      | 20%                                             | 60%                                                        | 20%                                 | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 23.1                                      |                                | 10.9                                  |                                          | 70.2                         |                                                          |                                                 | 1.2                                                        |                                     |                                        | 47.1                             |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 45%                                       |                                | 5%                                    |                                          | 15%                          |                                                          |                                                 | 5%                                                         |                                     |                                        | 10%                              |                                                          | 20%                                                  |
| Weighted Factor Value                                          | 10.4                                      |                                | 0.5                                   |                                          | 10.5                         |                                                          |                                                 | 0.1                                                        |                                     |                                        | 4.7                              |                                                          | 0.0                                                  |
| Project Benefit                                                | 26.2                                      |                                |                                       |                                          |                              |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$38,638,100                              |                                |                                       |                                          |                              |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 6.8                                       |                                |                                       |                                          |                              |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

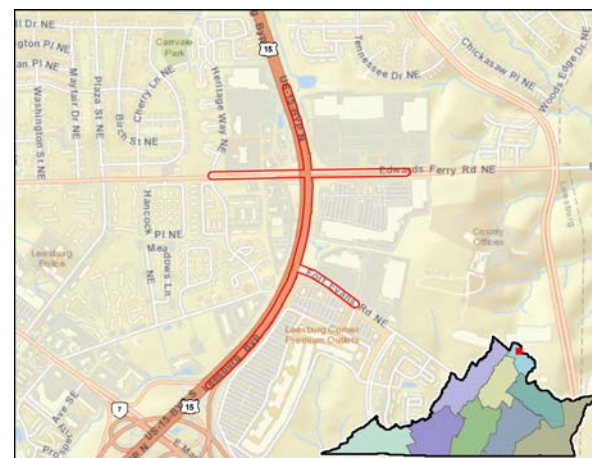
For more information on how to read a scorecard, click [here](#).

Rte 15 Leesburg Bypass Interchange with Edwards Ferry Road

App Id: 1618

Grade-separated Interchange to eliminate traffic signals on the Route 15 Leesburg Bypass at Edwards Ferry Road and Fort Evans Road intersections. Project will mitigate traffic congestion, improve safety and include provisions for pedestrians/bikes.

Project Location..... Leesburg  
SMART SCALE Area Type..... A  
Submitting Entity..... Leesburg Town  
Preliminary Engineering..... Underway  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... \$617,691  
Key Fund Sources..... MPO/Local  
Administered By..... VDOT  
Eligible Funding Program(s)..... Both  
VTrans Need..... Northern Virginia Regional Network  
( [Click for details](#) )



**0.8**

SMART SCALE  
SCORE

**#296** OF 404 STATEWIDE

**#46** OF 58 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$99,796,445**

Total Project Cost..... **\$104,500,000**

Project Benefit..... **8.4**

Project Benefit / Total Cost..... **0.8**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                     |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|-------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted              | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 160.5<br>persons                          | 574.8<br>person hrs.           | 40.5<br>EPDO                          | 360.4<br>EPDO / 100M VMT                 | 104.8<br>jobs per resident | 105.3<br>jobs per resident                               | 802.6<br>adjusted users                         | 0.0<br>thousand adj sq. ft.                                | 36,002.9<br>thousand adj daily tons | 32,706,155.5<br>adj. buffer time index | 802.6<br>adjusted points         | 3.1<br>scaled points                                     | 14,161.3<br>adjusted jobs & pop.                     |
| Normalized Measure Value (0-100)                               | 1.6                                       | 17.7                           | 12.3                                  | 1.9                                      | 4.0                        | 4.0                                                      | 5.5                                             | 0.0                                                        | 2.1                                 | 2.4                                    | 4.7                              | 6.0                                                      | 12.5                                                 |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                 | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 9.6                                       |                                | 7.1                                   |                                          | 4.3                        |                                                          |                                                 | 0.9                                                        |                                     |                                        | 5.3                              |                                                          | 12.5                                                 |
| Factor Weight (% of Project Score)                             | 45%                                       |                                | 5%                                    |                                          | 15%                        |                                                          |                                                 | 5%                                                         |                                     |                                        | 10%                              |                                                          | 20%                                                  |
| Weighted Factor Value                                          | 4.3                                       |                                | 0.4                                   |                                          | 0.6                        |                                                          |                                                 | 0.0                                                        |                                     |                                        | 0.5                              |                                                          | 2.5                                                  |
| Project Benefit                                                | 8.4                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$99,796,445                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 0.8                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |



# PROJECT SCORECARD

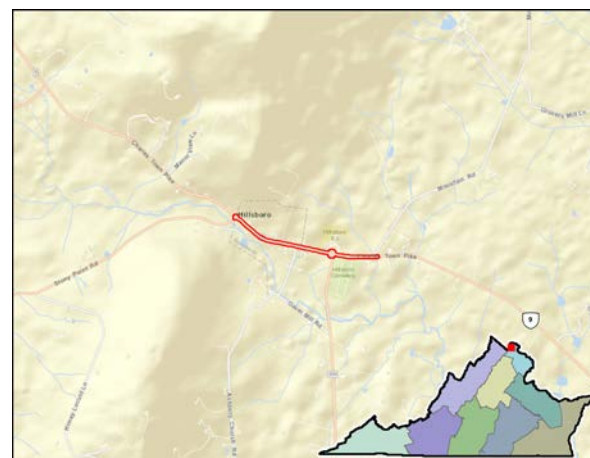
For more information on how to read a scorecard, click [here](#).

Hillsboro's Historic Main Street—Traffic Calming & Sidewalks

App Id: 1631

Traffic calming/ped safety, streetscape address highly congested Rt. 9. Construct one single-lane roundabout in historic Hillsboro. Build sidewalks, bike lanes/shared use paths, address unsafe conditions and improve regional access and connectivity.

Project Location..... Loudoun County  
SMART SCALE Area Type..... A  
Submitting Entity..... Loudoun County  
Preliminary Engineering..... Underway  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... \$1,520,822  
Key Fund Sources..... Demo  
Administered By..... Other  
Eligible Funding Program(s)..... Both  
VTrans Need..... Northern Virginia Regional Network  
( [Click for details](#) )



**0.8**

SMART SCALE  
SCORE

**#297** OF 404 STATEWIDE

**#47** OF 58 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$5,202,000**

Total Project Cost..... **\$14,452,000**

Project Benefit..... **0.4**

Project Benefit / Total Cost..... **0.3**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 42.0<br>persons                           | 1.9<br>person hrs.             | 2.5<br>EPDO                           | 90.6<br>EPDO / 100M VMT                  | 2.2<br>jobs per resident   | 2.2<br>jobs per resident                                 | 126.1<br>adjusted users                         | 96,023.0<br>thousand adj sq. ft.                           | 0.0<br>thousand adj daily tons | 1,792,721.8<br>adj. buffer time index  | 210.2<br>adjusted points         | 0.3<br>scaled points                                     | 805.7<br>adjusted jobs & pop.                        |
| Normalized Measure Value (0-100)                               | 0.4                                       | 0.1                            | 0.8                                   | 0.5                                      | 0.1                        | 0.1                                                      | 0.9                                             | 0.3                                                        | 0.0                            | 0.1                                    | 1.2                              | 0.6                                                      | 0.7                                                  |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 0.2                                       |                                | 0.6                                   |                                          | 0.2                        |                                                          |                                                 | 0.2                                                        |                                |                                        | 0.9                              |                                                          | 0.7                                                  |
| Factor Weight (% of Project Score)                             | 45%                                       |                                | 5%                                    |                                          | 15%                        |                                                          |                                                 | 5%                                                         |                                |                                        | 10%                              |                                                          | 20%                                                  |
| Weighted Factor Value                                          | 0.1                                       |                                | 0.0                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.1                              |                                                          | 0.1                                                  |
| Project Benefit                                                | 0.4                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$5,202,000                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 0.8                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |



# PROJECT SCORECARD

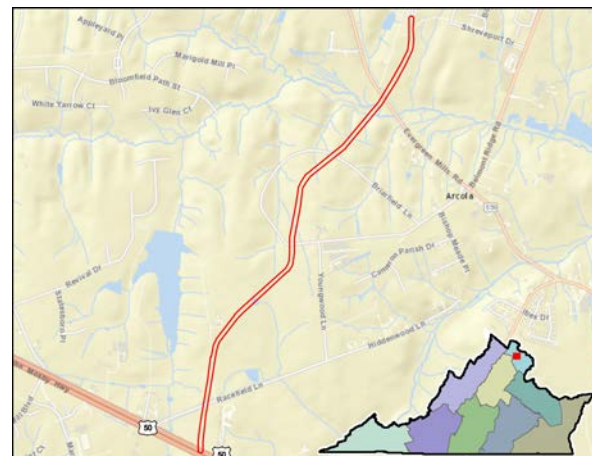
For more information on how to read a scorecard, click [here](#).

1A - Northstar Boulevard (U.S. 50 to Shreveport Drive)

App Id: 1678

Plans call for Northstar Boulevard to be constructed as a four-lane divided urban collector on six-lane right-of-way between Shreveport Drive to US 50. The proposed project includes approximately 8,500 total feet of new roadway construction.

Project Location..... Loudoun County  
SMART SCALE Area Type..... A  
Submitting Entity..... Loudoun County  
Preliminary Engineering..... Underway  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... \$4,173  
Key Fund Sources..... RS or Other CTB Grant  
Administered By..... Locality  
Eligible Funding Program(s)..... Both  
VTrans Need..... Northern Virginia Regional Network  
( [Click for details](#) )



**4.3**

SMART SCALE  
SCORE

**#144** OF 404 STATEWIDE

**#23** OF 58 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$49,158,880**

Total Project Cost..... **\$70,413,880**

Project Benefit..... **21.0**

Project Benefit / Total Cost..... **3.0**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                     |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|-------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted              | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 2,885.3<br>persons                        | 1,427.0<br>person hrs.         | 0.0<br>EPDO                           | 0.0<br>EPDO / 100M VMT                   | 144.7<br>jobs per resident | 146.2<br>jobs per resident                               | 97.0<br>adjusted users                          | 3,448,094.5<br>thousand adj sq. ft.                        | 14,033.1<br>thousand adj daily tons | 47,955,967.4<br>adj. buffer time index | 129.3<br>adjusted points         | 17.4<br>scaled points                                    | 10,562.5<br>adjusted jobs & pop.                     |
| Normalized Measure Value (0-100)                               | 28.5                                      | 43.9                           | 0.0                                   | 0.0                                      | 5.5                        | 5.6                                                      | 0.7                                             | 12.2                                                       | 0.8                                 | 3.5                                    | 0.8                              | 33.9                                                     | 9.3                                                  |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                 | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 36.2                                      |                                | 0.0                                   |                                          | 4.6                        |                                                          |                                                 | 8.2                                                        |                                     |                                        | 17.3                             |                                                          | 9.3                                                  |
| Factor Weight (% of Project Score)                             | 45%                                       |                                | 5%                                    |                                          | 15%                        |                                                          |                                                 | 5%                                                         |                                     |                                        | 10%                              |                                                          | 20%                                                  |
| Weighted Factor Value                                          | 16.3                                      |                                | 0.0                                   |                                          | 0.7                        |                                                          |                                                 | 0.4                                                        |                                     |                                        | 1.7                              |                                                          | 1.9                                                  |
| Project Benefit                                                | 21.0                                      |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$49,158,880                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 4.3                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

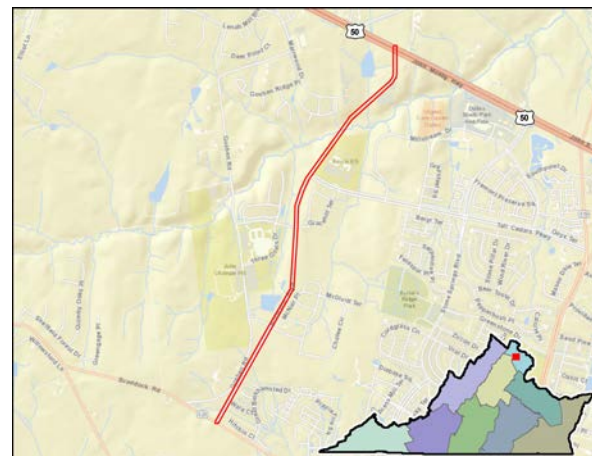
For more information on how to read a scorecard, click [here](#).

1B - Northstar Boulevard (Braddock Road to US 50)

App Id: 1680

Plans call for Northstar Boulevard to be constructed as a four-lane divided urban collector on six-lane right-of-way between Braddock Road to US 50. The majority of the right-of-way within the project limits already has been dedicated.

Project Location..... Loudoun County  
SMART SCALE Area Type..... A  
Submitting Entity..... Loudoun County  
Preliminary Engineering..... Underway  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... \$263,894  
Key Fund Sources..... RS or Other CTB Grant  
Administered By..... Locality  
Eligible Funding Program(s)..... Both  
VTrans Need..... Northern Virginia Regional Network  
( [Click for details](#) )



**2.0**

SMART SCALE  
SCORE

**#228** OF 404 STATEWIDE

**#37** OF 58 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$21,017,800**

Total Project Cost..... **\$41,291,800**

Project Benefit..... **4.2**

Project Benefit / Total Cost..... **1.0**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 319.4<br>persons                          | 156.0<br>person hrs.           | 0.0<br>EPDO                           | 0.0<br>EPDO / 100M VMT                   | 10.4<br>jobs per resident  | 10.6<br>jobs per resident                                | 25.1<br>adjusted users                          | 625,701.9<br>thousand adj sq. ft.                          | 0.0<br>thousand adj daily tons | 8,396,783.9<br>adj. buffer time index  | 33.4<br>adjusted points          | 3.5<br>scaled points                                     | 10,854.7<br>adjusted jobs & pop.                     |
| Normalized Measure Value (0-100)                               | 3.2                                       | 4.8                            | 0.0                                   | 0.0                                      | 0.4                        | 0.4                                                      | 0.2                                             | 2.2                                                        | 0.0                            | 0.6                                    | 0.2                              | 6.9                                                      | 9.6                                                  |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 4.0                                       |                                | 0.0                                   |                                          | 0.4                        |                                                          |                                                 | 1.5                                                        |                                |                                        | 3.5                              |                                                          | 9.6                                                  |
| Factor Weight (% of Project Score)                             | 45%                                       |                                | 5%                                    |                                          | 15%                        |                                                          |                                                 | 5%                                                         |                                |                                        | 10%                              |                                                          | 20%                                                  |
| Weighted Factor Value                                          | 1.8                                       |                                | 0.0                                   |                                          | 0.1                        |                                                          |                                                 | 0.1                                                        |                                |                                        | 0.4                              |                                                          | 1.9                                                  |
| Project Benefit                                                | 4.2                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$21,017,800                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 2.0                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |

## RICHMOND DISTRICT

## RICHMOND DISTRICT

| App # | Project Name                                                 | District Rank | State Rank | Smart Score | Page # |
|-------|--------------------------------------------------------------|---------------|------------|-------------|--------|
| 1092  | Harrowgate Road/Cougar Trail - Pedestrian Improvements       | 1             | 6          | 91.5        | 07-19  |
| 1322  | Broad Street Pedestrian and Transit Stop Improvements        | 2             | 21         | 44.6        | 07-47  |
| 1012  | B US60 / Downtown Expressway Gateway Pedestrian Improvements | 3             | 27         | 36.2        | 07-03  |
| 1153  | Rt.106 & Rt. 630 Intersection Safety Project (CH & BH Roads) | 4             | 34         | 31.1        | 07-28  |
| 1091  | Hopkins Road Sidewalk (Bonniebank Road to S. Melody Road)    | 5             | 37         | 29.2        | 07-18  |
| 1325  | Parham Road Pedestrian and Transit Stop Improvements         | 6             | 40         | 27.1        | 07-49  |
| 1014  | E Smart Cities: Centralized Transit SP / EV Preemption       | 7             | 45         | 20.9        | 07-05  |
| 1108  | Cold Harbor (Rt 156) and Catlin Rd (Rt. 1440) Left-Turn Lane | 8             | 46         | 20.7        | 07-27  |
| 1013  | D US360 Hull Street Streetscape from 9th St to Mayo Bridge   | 9             | 53         | 17.8        | 07-04  |
| 1086  | Courthouse Road Trail (Salem Church Rd to Courts Complex Rd) | 10            | 59         | 14.9        | 07-17  |
| 1294  | Park and Ride Lot - US 360 at Chital Drive                   | 11            | 64         | 12.0        | 07-40  |
| 1439  | Rt. 711 & Rt. 607 Intersection Improvements                  | 12            | 67         | 11.2        | 07-52  |
| 1612  | Richmond-Henrico Turnpike Improvements - Northern Segment    | 13            | 71         | 10.9        | 07-66  |
| 1078  | Route 1 (Marina Dr. to Merriewood Rd.) Sidewalk              | 14            | 73         | 10.4        | 07-16  |
| 1001  | I-95/I-64 Overlap: Corridorwide Lighting                     | 15            | 74         | 10.3        | 07-01  |
| 1285  | Hicks Road (Mt. Gilead-Cardiff Lane) Reconstruction          | 16            | 76         | 10.0        | 07-36  |
| 1506  | SB Rt. 288 to WB US 360 WB Off-Ramp, US 360 PNR Lot          | 17            | 92         | 8.4         | 07-62  |
| 1165  | SB Rte. 288 to WB US 360 Off-Ramp, US 360 PNR Lot            | 18            | 91         | 8.4         | 07-31  |
| 1451  | Route 1 & Courthouse Rd. (Rt. 627) Intersection Realignment  | 19            | 98         | 7.5         | 07-55  |
| 1307  | I-95 Auxiliary Lanes (nb & sb) between Rte. 288 and Rte. 10  | 20            | 102        | 7.3         | 07-41  |
| 1318  | Cogbill/Hopkins/Chippenham - Park and Ride Lot               | 21            | 114        | 6.5         | 07-45  |
| 1581  | State Route 155 Shoulder Wedging and Bicycle Accommodations  | 22            | 122        | 6.1         | 07-65  |
| 1163  | I-95/I-64 Overlap: Emergency Pull-Offs                       | 23            | 125        | 6.0         | 07-29  |
| 1016  | I US360 Hull Street Safety / Operations Improvements Phase I | 24            | 127        | 5.8         | 07-07  |
| 1308  | Arch Road Roundabout                                         | 25            | 130        | 5.6         | 07-42  |
| 1106  | BBC Ph 1 - Bailey Bridge Connector, Brad McNeer Connector    | 26            | 132        | 5.4         | 07-26  |
| 1093  | Elkhardt Road - Roadway, Pedestrian, and Bike Improvements   | 27            | 139        | 4.6         | 07-20  |
| 1096  | Nash Road Extension from Beach Road to Route 10              | 28            | 141        | 4.5         | 07-23  |



## RICHMOND DISTRICT

| App # | Project Name                                                  | District Rank | State Rank | Smart Score | Page # |
|-------|---------------------------------------------------------------|---------------|------------|-------------|--------|
| 1094  | Ecoff Avenue - Road and Pedestrian Improvements               | 29            | 145        | 4.2         | 07-21  |
| 1254  | Deer Run Sidewalk                                             | 30            | 148        | 3.9         | 07-32  |
| 1486  | I-85 NB to I-95 SB - Tri-Cities MPO HB2 Priority 1            | 31            | 155        | 3.6         | 07-61  |
| 1714  | I-85 NB to I-95 SB-Tri-Cities MPO HB2 Priority #1             | 32            | 154        | 3.6         | 07-70  |
| 1097  | McRae Road and Rockaway Road - Sidewalk                       | 33            | 164        | 3.4         | 07-24  |
| 1060  | Route 38 & 614 Sidewalk and Roundabout Project                | 34            | 165        | 3.4         | 07-11  |
| 1321  | Richmond-Henrico Turnpike Improvements                        | 35            | 166        | 3.4         | 07-46  |
| 1289  | Woolridge & Otterdale Widening                                | 36            | 169        | 3.3         | 07-38  |
| 1613  | Richmond-Henrico Turnpike Improvements - Southern Segment     | 37            | 171        | 3.2         | 07-67  |
| 1071  | U.S. Route 360/Lee Davis Rd Intersection (UPC 13551)          | 38            | 172        | 3.2         | 07-12  |
| 1077  | Centralia at Old Wrexham and Holly Trace Left Turn Lanes      | 39            | 177        | 3.0         | 07-15  |
| 1011  | A - Gillies Creek Greenway                                    | 40            | 179        | 3.0         | 07-02  |
| 1015  | H US360 Hull Street Phase I and II                            | 41            | 185        | 2.9         | 07-06  |
| 1164  | Rte. 288 ITS Improvements - Phase 1 (Goochland and Powhatan)  | 42            | 187        | 2.8         | 07-30  |
| 1449  | Powwhite Parkway Extension (Watermill Pkwy. to Woolridge Rd.) | 43            | 189        | 2.8         | 07-54  |
| 1290  | Otterdale Rd (Rt 360 to north of Foxcreek Crossing) Widening  | 44            | 192        | 2.7         | 07-39  |
| 1753  | I-95/Willis Road Interchange – Area Roadway Improvements      | 45            | 197        | 2.6         | 07-72  |
| 1372  | RTE 1 ARBOR OAK TO ASHCAKE                                    | 46            | 203        | 2.4         | 07-50  |
| 1313  | I-95/Willis Road Interchange Improvement - Roundabout         | 47            | 209        | 2.2         | 07-43  |
| 1446  | Bessie Lane Realignment and Reconstruction                    | 48            | 210        | 2.2         | 07-53  |
| 1314  | Winterpock Rd (Rt 360-0.25 mi S of Royal Birkdale) Widening   | 49            | 211        | 2.2         | 07-44  |
| 1323  | I-95/10 Interchange - Signalize Ramps, Aux.Lanes,PNR Exit 58  | 50            | 213        | 2.2         | 07-48  |
| 1075  | Meadowville Technology Parkway at I-295 Widening              | 51            | 217        | 2.1         | 07-13  |
| 1513  | I-64 Widening (Exit 205 Bottoms Bridge to Exit 211 Rte. 106)  | 52            | 221        | 2.1         | 07-64  |
| 1058  | Magellan Parkway Extension Project - Original Application     | 53            | 226        | 2.0         | 07-10  |
| 1614  | Magellan Parkway Extension Project - Alternate Application    | 54            | 230        | 2.0         | 07-68  |
| 1095  | North Enon Church Road Widening                               | 55            | 232        | 1.9         | 07-22  |
| 1018  | L James River Branch - Rail to Trail Greenway                 | 56            | 241        | 1.7         | 07-09  |
| 1102  | BBC Ph 2 - NB288Ramp, BBC, Brad McNeer Connector, SB288Ramp   | 57            | 242        | 1.7         | 07-25  |
| 1282  | Bailey Bridge Rd (Sunday Silence-Spring Run) Realignment      | 58            | 244        | 1.7         | 07-35  |

## RICHMOND DISTRICT

| App # | Project Name                                                | District Rank | State Rank | Smart Score | Page # |
|-------|-------------------------------------------------------------|---------------|------------|-------------|--------|
| 1258  | South Main Street- 10th to Fair Street                      | 59            | 250        | 1.6         | 07-33  |
| 1288  | Robious Road (James River Rd. to county line) Widening      | 60            | 254        | 1.5         | 07-37  |
| 1479  | Courthouse Road Improvements                                | 61            | 268        | 1.2         | 07-59  |
| 1401  | Route 106 at I-64 Overpass and Intersection Improvements    | 62            | 270        | 1.2         | 07-51  |
| 1740  | I-95 and South Crater Road-MPO HB2 Priority #2              | 63            | 278        | 1.1         | 07-71  |
| 1472  | I-95 and South Crater Road - MPO HB2 Priority 2             | 64            | 279        | 1.0         | 07-57  |
| 1017  | J US1/US301 Freight Corridor Improvements                   | 65            | 289        | 0.9         | 07-08  |
| 1076  | Rt. 360 (Woodlake to Otterdale) Widening                    | 66            | 311        | 0.7         | 07-14  |
| 1659  | Raleigh Avenue Extension                                    | 67            | 340        | 0.5         | 07-69  |
| 1508  | Pedestrian Improvements on Route 38 & 614                   | 68            | 344        | 0.4         | 07-63  |
| 1475  | Boulevard Modernization Project                             | 69            | 349        | 0.4         | 07-58  |
| 1262  | Chesterfield Avenue Reconstruction                          | 70            | 362        | 0.3         | 07-34  |
| 1458  | Cedar Level Road Southern Segment                           | 71            | 368        | 0.3         | 07-56  |
| 1485  | I-95 NB to I-85 SB Flyover Ramp - Tri-Cities MPO Priority 3 | 72            | 391        | 0.1         | 07-60  |

# PROJECT SCORECARD

For more information on how to read a scorecard, click here.

I-95/I-64 Overlap: Corridorwide Lighting

App Id: 1001

To upgrade and install lighting (including LED technology) throughout the I-95/I-64 Overlap.

Project Location..... Multiple  
SMART SCALE Area Type..... B  
Submitting Entity..... Richmond Regional Transportation Planning Organization  
Preliminary Engineering..... Not Started  
Right of Way..... Not Needed  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... High Priority  
VTrans Need..... Washington to North Carolina CoSS  
( Click for details )



**10.3**

SMART SCALE  
SCORE

**#74**

OF 404 STATEWIDE

**#15**

OF 72 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$10,654,040**

Total Project Cost..... **\$10,654,040**

Project Benefit..... **11.0**

Project Benefit / Total Cost..... **10.3**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 0.0<br>persons                            | 0.0<br>person hrs.             | 246.3<br>EPDO                         | 131.3<br>EPDO / 100M VMT                 | 0.0<br>jobs per resident   | 0.0<br>jobs per resident                                 | 0.0<br>adjusted users                           | 1,802,464.8<br>thousand adj sq. ft.                        | 0.0<br>thousand adj daily tons | 0.0<br>adj. buffer time index          | 0.0<br>adjusted points           | 9.0<br>scaled points                                     | 20,406.3<br>adjusted jobs & pop.                     |
| Normalized Measure Value (0-100)                               | 0.0                                       | 0.0                            | 74.9                                  | 0.7                                      | 0.0                        | 0.0                                                      | 0.0                                             | 6.4                                                        | 0.0                            | 0.0                                    | 0.0                              | 17.5                                                     | 18.0                                                 |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 0.0                                       |                                | 37.8                                  |                                          | 0.0                        |                                                          |                                                 | 3.8                                                        |                                |                                        | 8.7                              |                                                          | 18.0                                                 |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 20%                                   |                                          | 25%                        |                                                          |                                                 | 20%                                                        |                                |                                        | 10%                              |                                                          | 10%                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 7.6                                   |                                          | 0.0                        |                                                          |                                                 | 0.8                                                        |                                |                                        | 0.9                              |                                                          | 1.8                                                  |
| Project Benefit                                                | 11.0                                      |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$10,654,040                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 10.3                                      |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

For more information on how to read a scorecard, click [here](#).

A - Gillies Creek Greenway

App Id: 1011

Gillies Creek Greenway is a proposed, 2.5 mile shared use path extending from VCT-James River to Fulton / Oakwood communities. The project provides bike / ped access, improved crossings at 3 major streets, and links major redevelopment initiatives.

Project Location..... Richmond  
SMART SCALE Area Type..... B  
Submitting Entity..... Richmond City  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... Locality  
Eligible Funding Program(s)..... Both  
VTrans Need..... Richmond Regional Network  
( Click for details )



**3.0**

SMART SCALE  
SCORE

**#179** OF 404 STATEWIDE

**#40** OF 72 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$6,318,941**

Total Project Cost..... **\$6,318,941**

Project Benefit..... **1.9**

Project Benefit / Total Cost..... **3.0**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 39.8<br>persons                           | 0.0<br>person hrs.             | 7.2<br>EPDO                           | 588.0<br>EPDO / 100M VMT                 | 3.2<br>jobs per resident   | 3.2<br>jobs per resident                                 | 119.4<br>adjusted users                         | 0.0<br>thousand adj sq. ft.                                | 0.0<br>thousand adj daily tons | 0.0<br>adj. buffer time index          | 159.2<br>adjusted points         | 1.5<br>scaled points                                     | 12,333.0<br>adjusted jobs & pop.                     |
| Normalized Measure Value (0-100)                               | 0.4                                       | 0.0                            | 2.2                                   | 3.0                                      | 0.1                        | 0.1                                                      | 0.8                                             | 0.0                                                        | 0.0                            | 0.0                                    | 0.9                              | 2.9                                                      | 10.9                                                 |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 0.2                                       |                                | 2.6                                   |                                          | 0.3                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 1.9                              |                                                          | 10.9                                                 |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 20%                                   |                                          | 25%                        |                                                          |                                                 | 20%                                                        |                                |                                        | 10%                              |                                                          | 10%                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.5                                   |                                          | 0.1                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.2                              |                                                          | 1.1                                                  |
| Project Benefit                                                | 1.9                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$6,318,941                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 3.0                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |



# PROJECT SCORECARD

For more information on how to read a scorecard, click [here](#).

B US60 / Downtown Expressway Gateway Pedestrian Improvements

App Id: 1012

Pedestrian improvements on S. 9th St (US Route 60) between E. Byrd St and E. Canal St, S. 8th St as it intersects with E. Canal St, and S.7th St between E. Byrd St and E. Canal St including the Downtown Expressway on and off ramps.

Project Location..... Richmond  
SMART SCALE Area Type..... B  
Submitting Entity..... Richmond City  
Preliminary Engineering..... Not Started  
Right of Way..... Not Needed  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... Locality  
Eligible Funding Program(s)..... Both  
VTrans Need..... Richmond Regional Network  
( Click for details )



**36.2**

SMART SCALE  
SCORE

**#27**

OF 404 STATEWIDE

**#3**

OF 72 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$3,308,614**

Total Project Cost..... **\$3,308,614**

Project Benefit..... **12.0**

Project Benefit / Total Cost..... **36.2**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 186.2<br>persons                          | 164.5<br>person hrs.           | 11.1<br>EPDO                          | 568.5<br>EPDO / 100M VMT                 | 1.1<br>jobs per resident   | 1.2<br>jobs per resident                                 | 558.6<br>adjusted users                         | 5,123,378.0<br>thousand adj sq. ft.                        | 0.0<br>thousand adj daily tons | 0.0<br>adj. buffer time index          | 744.8<br>adjusted points         | 7.0<br>scaled points                                     | 85,459.6<br>adjusted jobs & pop.                     |
| Normalized Measure Value (0-100)                               | 1.8                                       | 5.1                            | 3.4                                   | 2.9                                      | 0.0                        | 0.0                                                      | 3.8                                             | 18.2                                                       | 0.0                            | 0.0                                    | 4.3                              | 13.6                                                     | 75.5                                                 |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 3.4                                       |                                | 3.2                                   |                                          | 0.8                        |                                                          |                                                 | 10.9                                                       |                                |                                        | 9.0                              |                                                          | 75.5                                                 |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 20%                                   |                                          | 25%                        |                                                          |                                                 | 20%                                                        |                                |                                        | 10%                              |                                                          | 10%                                                  |
| Weighted Factor Value                                          | 0.5                                       |                                | 0.6                                   |                                          | 0.2                        |                                                          |                                                 | 2.2                                                        |                                |                                        | 0.9                              |                                                          | 7.6                                                  |
| Project Benefit                                                | 12.0                                      |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$3,308,614                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 36.2                                      |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

For more information on how to read a scorecard, click [here](#).

D US360 Hull Street Streetscape from 9th St to Mayo Bridge

App Id: 1013

The Hull St Streetscape project from 9th St to Mayo Bridge will provide pedestrian accommodations, improve landscaping/lighting, reconfigure 2 intersections, and slow traffic to provide a safe pedestrian experience and a functional healthy street.

Project Location..... Richmond  
SMART SCALE Area Type..... B  
Submitting Entity..... Richmond City  
Preliminary Engineering..... Not Started  
Right of Way..... Not Needed  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... Locality  
Eligible Funding Program(s)..... Both  
VTrans Need..... Richmond Regional Network  
( [Click for details](#) )



**17.8**

SMART SCALE  
SCORE

**#53**

OF 404 STATEWIDE

**#9**

OF 72 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$4,060,829**

Total Project Cost..... **\$4,060,829**

Project Benefit..... **7.2**

Project Benefit / Total Cost..... **17.8**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 2.2<br>persons                            | 0.0<br>person hrs.             | 53.3<br>EPDO                          | 1,444.9<br>EPDO / 100M VMT               | 5.6<br>jobs per resident   | 5.6<br>jobs per resident                                 | 3.3<br>adjusted users                           | 1,985,836.5<br>thousand adj sq. ft.                        | 0.0<br>thousand adj daily tons | 10,761,581.2<br>adj. buffer time index | 4.4<br>adjusted points           | 5.2<br>scaled points                                     | 38,806.5<br>adjusted jobs & pop.                     |
| Normalized Measure Value (0-100)                               | 0.0                                       | 0.0                            | 16.2                                  | 7.5                                      | 0.2                        | 0.2                                                      | 0.0                                             | 7.0                                                        | 0.0                            | 0.8                                    | 0.0                              | 10.2                                                     | 34.3                                                 |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 0.0                                       |                                | 11.8                                  |                                          | 0.2                        |                                                          |                                                 | 4.4                                                        |                                |                                        | 5.1                              |                                                          | 34.3                                                 |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 20%                                   |                                          | 25%                        |                                                          |                                                 | 20%                                                        |                                |                                        | 10%                              |                                                          | 10%                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 2.4                                   |                                          | 0.0                        |                                                          |                                                 | 0.9                                                        |                                |                                        | 0.5                              |                                                          | 3.4                                                  |
| Project Benefit                                                | 7.2                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$4,060,829                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 17.8                                      |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

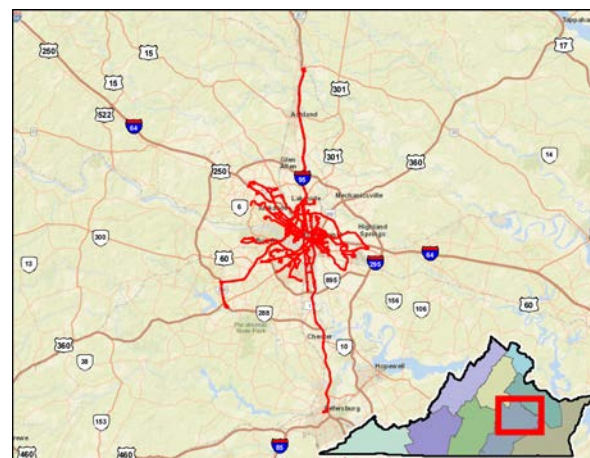
For more information on how to read a scorecard, click [here](#).

E Smart Cities: Centralized Transit SP / EV Preemption

App Id: 1014

A citywide centralized TSP/EVP system to manage priority and preemption requests is proposed to improve emergency response, maintain transit schedules, lower emissions, and improve multimodal operations. The system will leverage ongoing ATMS upgrades

Project Location..... Richmond  
SMART SCALE Area Type..... B  
Submitting Entity..... Richmond City  
Preliminary Engineering..... Not Started  
Right of Way..... Not Needed  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... Locality  
Eligible Funding Program(s)..... Both  
VTrans Need..... East-West CoSS  
( Click for details )



**20.9**

SMART SCALE  
SCORE

**#45**

OF 404 STATEWIDE

**#7**

OF 72 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$1,911,080**

Total Project Cost..... **\$1,911,080**

Project Benefit..... **4.0**

Project Benefit / Total Cost..... **20.9**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 174.0<br>persons                          | 86.7<br>person hrs.            | 0.0<br>EPDO                           | 0.0<br>EPDO / 100M VMT                   | 0.0<br>jobs per resident   | 0.0<br>jobs per resident                                 | 870.0<br>adjusted users                         | 3,883,147.5<br>thousand adj sq. ft.                        | 0.0<br>thousand adj daily tons | 660,157.1<br>adj. buffer time index    | 348.0<br>adjusted points         | 3.6<br>scaled points                                     | 14,128.8<br>adjusted jobs & pop.                     |
| Normalized Measure Value (0-100)                               | 1.7                                       | 2.7                            | 0.0                                   | 0.0                                      | 0.0                        | 0.0                                                      | 5.9                                             | 13.8                                                       | 0.0                            | 0.0                                    | 2.0                              | 7.1                                                      | 12.5                                                 |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 100%                                  | 0%                                       | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 2.2                                       |                                | 0.0                                   |                                          | 1.2                        |                                                          |                                                 | 8.3                                                        |                                |                                        | 4.5                              |                                                          | 12.5                                                 |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 20%                                   |                                          | 25%                        |                                                          |                                                 | 20%                                                        |                                |                                        | 10%                              |                                                          | 10%                                                  |
| Weighted Factor Value                                          | 0.3                                       |                                | 0.0                                   |                                          | 0.3                        |                                                          |                                                 | 1.7                                                        |                                |                                        | 0.5                              |                                                          | 1.2                                                  |
| Project Benefit                                                | 4.0                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$1,911,080                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 20.9                                      |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |



# PROJECT SCORECARD

For more information on how to read a scorecard, click [here](#).

H US360 Hull Street Phase I and II

App Id: 1015

This project will reconstruct the typical section of Hull Street between Arizona Drive and Chippenham Parkway to provide 2 lanes in each direction, a raised median, dedicated turn lanes, pedestrian accommodations, and shared-use paths.

Project Location..... Richmond  
SMART SCALE Area Type..... B  
Submitting Entity..... Richmond City  
Preliminary Engineering..... Underway  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... \$1,327,118  
Key Fund Sources..... Fed-State Disc  
Administered By..... Locality  
Eligible Funding Program(s)..... Both  
VTrans Need..... Richmond Regional Network  
( Click for details )



**2.9**

SMART SCALE  
SCORE

**#185** OF 404 STATEWIDE

**#41** OF 72 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$35,183,362**

Total Project Cost..... **\$40,198,280**

Project Benefit..... **10.1**

Project Benefit / Total Cost..... **2.5**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 41.5<br>persons                           | 0.0<br>person hrs.             | 217.5<br>EPDO                         | 1,111.9<br>EPDO / 100M VMT               | 0.0<br>jobs per resident   | 0.0<br>jobs per resident                                 | 207.7<br>adjusted users                         | 57,817.4<br>thousand adj sq. ft.                           | 0.0<br>thousand adj daily tons | 83,913,707.3<br>adj. buffer time index | 207.7<br>adjusted points         | 8.5<br>scaled points                                     | 18,657.7<br>adjusted jobs & pop.                     |
| Normalized Measure Value (0-100)                               | 0.4                                       | 0.0                            | 66.2                                  | 5.8                                      | 0.0                        | 0.0                                                      | 1.4                                             | 0.2                                                        | 0.0                            | 6.2                                    | 1.2                              | 16.6                                                     | 16.5                                                 |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 0.2                                       |                                | 36.0                                  |                                          | 0.3                        |                                                          |                                                 | 1.4                                                        |                                |                                        | 8.9                              |                                                          | 16.5                                                 |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 20%                                   |                                          | 25%                        |                                                          |                                                 | 20%                                                        |                                |                                        | 10%                              |                                                          | 10%                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 7.2                                   |                                          | 0.1                        |                                                          |                                                 | 0.3                                                        |                                |                                        | 0.9                              |                                                          | 1.6                                                  |
| Project Benefit                                                | 10.1                                      |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$35,183,362                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 2.9                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |



# PROJECT SCORECARD

For more information on how to read a scorecard, click here.

I US360 Hull Street Safety / Operations Improvements Phase I

App Id: 1016

This project will reconstruct the typical section of Hull Street between just east of Hey Road and just west of Warwick Road to provide 2 lanes in each direction, a raised median, dedicated turn lanes, pedestrian accommodations, and shared-use paths.

Project Location..... Richmond  
SMART SCALE Area Type..... B  
Submitting Entity..... Richmond City  
Preliminary Engineering..... Underway  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... \$1,327,120  
Key Fund Sources..... Fed-State Disc  
Administered By..... Locality  
Eligible Funding Program(s)..... Both  
VTrans Need..... Richmond Regional Network  
( Click for details )



**5.8**

SMART SCALE  
SCORE

**#127** OF 404 STATEWIDE

**#24** OF 72 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$16,084,782**

Total Project Cost..... **\$21,099,700**

Project Benefit..... **9.4**

Project Benefit / Total Cost..... **4.4**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 39.3<br>persons                           | 0.0<br>person hrs.             | 192.3<br>EPDO                         | 1,687.5<br>EPDO / 100M VMT               | 4.0<br>jobs per resident   | 4.1<br>jobs per resident                                 | 196.7<br>adjusted users                         | 46,103.6<br>thousand adj sq. ft.                           | 0.0<br>thousand adj daily tons | 48,871,400.1<br>adj. buffer time index | 196.7<br>adjusted points         | 8.0<br>scaled points                                     | 16,976.1<br>adjusted jobs & pop.                     |
| Normalized Measure Value (0-100)                               | 0.4                                       | 0.0                            | 58.5                                  | 8.7                                      | 0.2                        | 0.2                                                      | 1.3                                             | 0.2                                                        | 0.0                            | 3.6                                    | 1.1                              | 15.6                                                     | 15.0                                                 |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 0.2                                       |                                | 33.6                                  |                                          | 0.4                        |                                                          |                                                 | 0.8                                                        |                                |                                        | 8.4                              |                                                          | 15.0                                                 |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 20%                                   |                                          | 25%                        |                                                          |                                                 | 20%                                                        |                                |                                        | 10%                              |                                                          | 10%                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 6.7                                   |                                          | 0.1                        |                                                          |                                                 | 0.2                                                        |                                |                                        | 0.8                              |                                                          | 1.5                                                  |
| Project Benefit                                                | 9.4                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$16,084,782                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 5.8                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

For more information on how to read a scorecard, click [here](#).

J US1/US301 Freight Corridor Improvements

App Id: 1017

This project will reconstruct the typical section of US 1 between Chesterman Avenue and Decatur Street to provide dedicated turn lanes, pedestrian accommodations, and a bike lane to improve access management and operations.

Project Location..... Richmond  
SMART SCALE Area Type..... B  
Submitting Entity..... Richmond City  
Preliminary Engineering..... Underway  
Right of Way..... Underway  
Construction..... Not Started  
Expenditures to Date..... \$4,762,402  
Key Fund Sources..... MPO/Fed-State Disc  
Administered By..... VDOT  
Eligible Funding Program(s)..... Both  
VTrans Need..... Washington to North Carolina CoSS  
( [Click for details](#) )



**0.9**

SMART SCALE  
SCORE

**#289** OF 404 STATEWIDE

**#65** OF 72 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$44,849,725**

Total Project Cost..... **\$52,742,100**

Project Benefit..... **4.0**

Project Benefit / Total Cost..... **0.8**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                    |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted             | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 28.1<br>persons                           | 34.7<br>person hrs.            | 28.8<br>EPDO                          | 354.9<br>EPDO / 100M VMT                 | 11.9<br>jobs per resident  | 12.2<br>jobs per resident                                | 140.3<br>adjusted users                         | 1,704,013.6<br>thousand adj sq. ft.                        | 9,487.3<br>thousand adj daily tons | 24,666,092.4<br>adj. buffer time index | 112.3<br>adjusted points         | 3.2<br>scaled points                                     | 17,321.7<br>adjusted jobs & pop.                     |
| Normalized Measure Value (0-100)                               | 0.3                                       | 1.1                            | 8.8                                   | 1.8                                      | 0.5                        | 0.5                                                      | 1.0                                             | 6.0                                                        | 0.6                                | 1.8                                    | 0.7                              | 6.3                                                      | 15.3                                                 |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 0.7                                       |                                | 5.3                                   |                                          | 0.6                        |                                                          |                                                 | 4.1                                                        |                                    |                                        | 3.5                              |                                                          | 15.3                                                 |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 20%                                   |                                          | 25%                        |                                                          |                                                 | 20%                                                        |                                    |                                        | 10%                              |                                                          | 10%                                                  |
| Weighted Factor Value                                          | 0.1                                       |                                | 1.1                                   |                                          | 0.1                        |                                                          |                                                 | 0.8                                                        |                                    |                                        | 0.3                              |                                                          | 1.5                                                  |
| Project Benefit                                                | 4.0                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$44,849,725                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 0.9                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

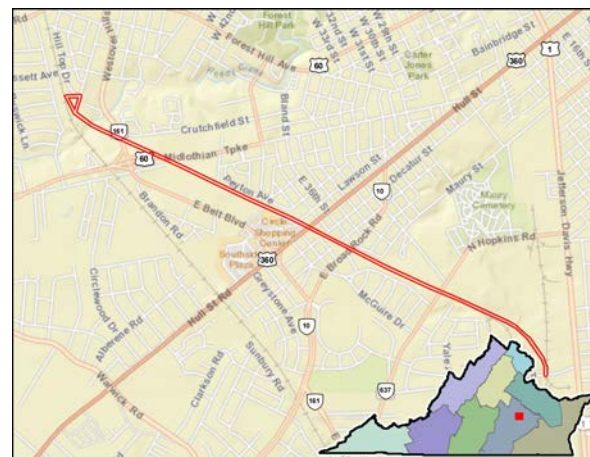
For more information on how to read a scorecard, click [here](#).

L James River Branch - Rail to Trail Greenway

App Id: 1018

The James River Branch Trail is a proposed 2-mile shared-use path along CSX ROW in Southside Richmond. The path would connect neighborhoods, schools, businesses, and parks. It extends from George Wythe High School to Hopkins Rd (near Jeff Davis Hwy).

Project Location..... Richmond  
SMART SCALE Area Type..... B  
Submitting Entity..... Richmond City  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... Locality  
Eligible Funding Program(s)..... Both  
VTrans Need..... Richmond Regional Network  
( Click for details )



**1.7**

SMART SCALE  
SCORE

**#241** OF 404 STATEWIDE

**#56** OF 72 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$8,127,122**

Total Project Cost..... **\$8,127,122**

Project Benefit..... **1.4**

Project Benefit / Total Cost..... **1.7**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 31.9<br>persons                           | 0.0<br>person hrs.             | 0.0<br>EPDO                           | 0.0<br>EPDO / 100M VMT                   | 1.3<br>jobs per resident   | 1.3<br>jobs per resident                                 | 95.6<br>adjusted users                          | 0.0<br>thousand adj sq. ft.                                | 0.0<br>thousand adj daily tons | 0.0<br>adj. buffer time index          | 143.4<br>adjusted points         | 1.2<br>scaled points                                     | 13,029.4<br>adjusted jobs & pop.                     |
| Normalized Measure Value (0-100)                               | 0.3                                       | 0.0                            | 0.0                                   | 0.0                                      | 0.0                        | 0.0                                                      | 0.7                                             | 0.0                                                        | 0.0                            | 0.0                                    | 0.8                              | 2.3                                                      | 11.5                                                 |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 0.2                                       |                                | 0.0                                   |                                          | 0.2                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 1.6                              |                                                          | 11.5                                                 |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 20%                                   |                                          | 25%                        |                                                          |                                                 | 20%                                                        |                                |                                        | 10%                              |                                                          | 10%                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.0                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.2                              |                                                          | 1.2                                                  |
| Project Benefit                                                | 1.4                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$8,127,122                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 1.7                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |



# PROJECT SCORECARD

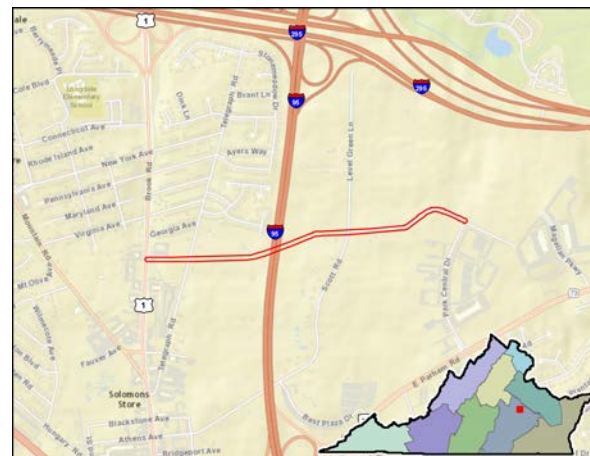
For more information on how to read a scorecard, click [here](#).

Magellan Parkway Extension Project - Original Application

App Id: 1058

New alignment roadway connecting Brook Road and existing Magellan Parkway in order to facilitate planned Economic Development, improve regional mobility and congestion, and Bicycle/Pedestrian Accessibility.

Project Location..... Henrico County  
SMART SCALE Area Type..... B  
Submitting Entity..... Henrico County  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... Locality  
Eligible Funding Program(s)..... District Grant  
VTrans Need..... Magellan Parkway UDA  
( Click for details )



**2.0**

SMART SCALE  
SCORE

**#226** OF 404 STATEWIDE

**#53** OF 72 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$37,784,000**

Total Project Cost..... **\$37,784,000**

Project Benefit..... **7.6**

Project Benefit / Total Cost..... **2.0**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                    |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted             | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 4,053.3<br>persons                        | 1,046.0<br>person hrs.         | 0.0<br>EPDO                           | 0.0<br>EPDO / 100M VMT                   | 2.0<br>jobs per resident   | 2.0<br>jobs per resident                                 | 31.6<br>adjusted users                          | 763,334.8<br>thousand adj sq. ft.                          | 2,867.9<br>thousand adj daily tons | 778,076.0<br>adj. buffer time index    | 31.6<br>adjusted points          | 3.8<br>scaled points                                     | 16,426.7<br>adjusted jobs & pop.                     |
| Normalized Measure Value (0-100)                               | 40.0                                      | 32.2                           | 0.0                                   | 0.0                                      | 0.1                        | 0.1                                                      | 0.2                                             | 2.7                                                        | 0.2                                | 0.1                                    | 0.2                              | 7.3                                                      | 14.5                                                 |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 36.1                                      |                                | 0.0                                   |                                          | 0.1                        |                                                          |                                                 | 1.7                                                        |                                    |                                        | 3.7                              |                                                          | 14.5                                                 |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 20%                                   |                                          | 25%                        |                                                          |                                                 | 20%                                                        |                                    |                                        | 10%                              |                                                          | 10%                                                  |
| Weighted Factor Value                                          | 5.4                                       |                                | 0.0                                   |                                          | 0.0                        |                                                          |                                                 | 0.3                                                        |                                    |                                        | 0.4                              |                                                          | 1.5                                                  |
| Project Benefit                                                | 7.6                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$37,784,000                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 2.0                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |



# PROJECT SCORECARD

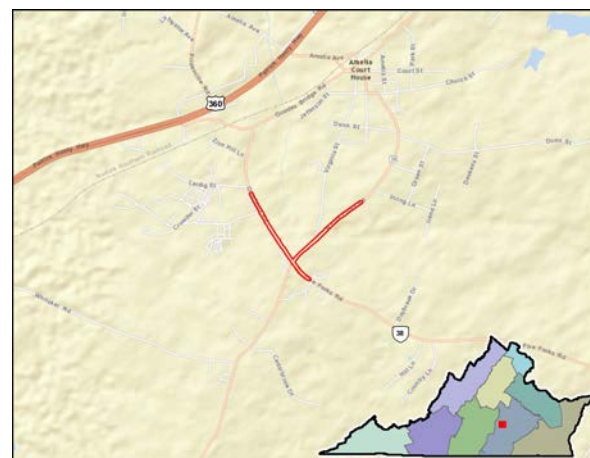
For more information on how to read a scorecard, click [here](#).

Route 38 & 614 Sidewalk and Roundabout Project

App Id: 1060

Constructing new sidewalks along Route 38 & 614 to provide pedestrian access to Amelia County's Elementary, Middle and High Schools. A roundabout will also be constructed at the intersection of Route 38 & 614 to improve traffic flow.

Project Location..... Amelia County  
SMART SCALE Area Type..... D  
Submitting Entity..... Amelia County  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... District Grant  
VTrans Need..... Amelia Courthouse UDA  
( Click for details )



**3.4**

SMART SCALE  
SCORE

**#165** OF 404 STATEWIDE

**#34** OF 72 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$5,747,505**

Total Project Cost..... **\$5,747,505**

Project Benefit..... **2.0**

Project Benefit / Total Cost..... **3.4**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 5.1<br>persons                            | 1.7<br>person hrs.             | 3.2<br>EPDO                           | 2,071.5<br>EPDO / 100M VMT               | 6.3<br>jobs per resident   | 6.3<br>jobs per resident                                 | 7.7<br>adjusted users                           | 5,355.0<br>thousand adj sq. ft.                            | 0.0<br>thousand adj daily tons | 30,802.8<br>adj. buffer time index     | 10.3<br>adjusted points          | 1.7<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.1                                       | 0.1                            | 1.0                                   | 10.7                                     | 0.2                        | 0.2                                                      | 0.1                                             | 0.0                                                        | 0.0                            | 0.0                                    | 0.1                              | 3.3                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.1                                       |                                | 5.8                                   |                                          | 0.2                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 1.7                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 10%                                       |                                | 30%                                   |                                          | 15%                        |                                                          |                                                 | 35%                                                        |                                |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 1.8                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.2                              |                                                          |                                                      |
| Project Benefit                                                | 2.0                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$5,747,505                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 3.4                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

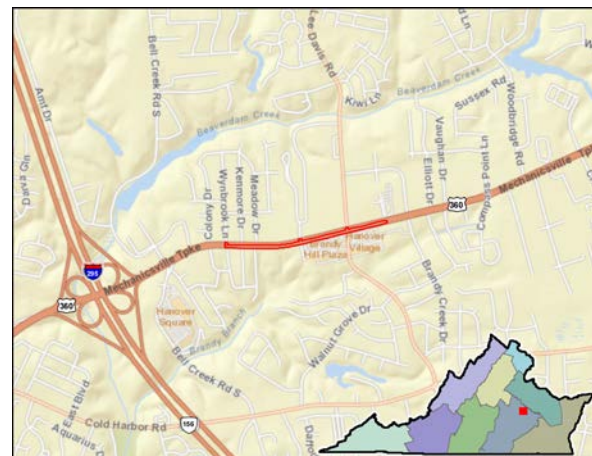
For more information on how to read a scorecard, click [here](#).

U.S. Route 360/Lee Davis Rd Intersection (UPC 13551)

App Id: 1071

Widen Rt. 360 between Wynbrook Ln and Sujen Ct and improve the intersection of Rt. 360 and Lee Davis Rd (Rt. 643) to include additional through lanes and turn lanes, signal upgrades, curb & gutter, raised medians, sidewalks, and crosswalks.

Project Location..... Hanover County  
SMART SCALE Area Type..... B  
Submitting Entity..... Hanover County  
Preliminary Engineering..... Underway  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... \$1,367,199  
Key Fund Sources..... MPO/Fed-State Disc/Local  
Administered By..... Locality  
Eligible Funding Program(s)..... District Grant  
VTrans Need..... Safety: PSI Data and Geometric Issue  
( [Click for details](#) )



## 3.2

SMART SCALE  
SCORE

**#172** OF 404 STATEWIDE

**#38** OF 72 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$9,829,100**

Total Project Cost..... **\$24,184,000**

Project Benefit..... **3.2**

Project Benefit / Total Cost..... **1.3**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                  |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|----------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted           | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 399.6 persons                             | 173.6 person hrs.              | 24.4 EPDO                             | 206.7 EPDO / 100M VMT                    | 97.4 jobs per resident     | 97.2 jobs per resident                                   | 72.6 adjusted users                             | 361,006.7 thousand adj sq. ft.                             | 18,244.7 thousand adj daily tons | 27,745,216.0 adj. buffer time index    | 96.8 adjusted points             | 2.3 scaled points                                        | 3,592.8 adjusted jobs & pop.                         |
| Normalized Measure Value (0-100)                               | 3.9                                       | 5.3                            | 7.4                                   | 1.1                                      | 3.7                        | 3.7                                                      | 0.5                                             | 1.3                                                        | 1.1                              | 2.0                                    | 0.6                              | 4.6                                                      | 3.2                                                  |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                              | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 4.6                                       |                                | 4.2                                   |                                          | 3.1                        |                                                          |                                                 | 1.4                                                        |                                  |                                        | 2.6                              |                                                          | 3.2                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 20%                                   |                                          | 25%                        |                                                          |                                                 | 20%                                                        |                                  |                                        | 10%                              |                                                          | 10%                                                  |
| Weighted Factor Value                                          | 0.7                                       |                                | 0.8                                   |                                          | 0.8                        |                                                          |                                                 | 0.3                                                        |                                  |                                        | 0.3                              |                                                          | 0.3                                                  |
| Project Benefit                                                | 3.2                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                  |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$9,829,100                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                  |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 3.2                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                  |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

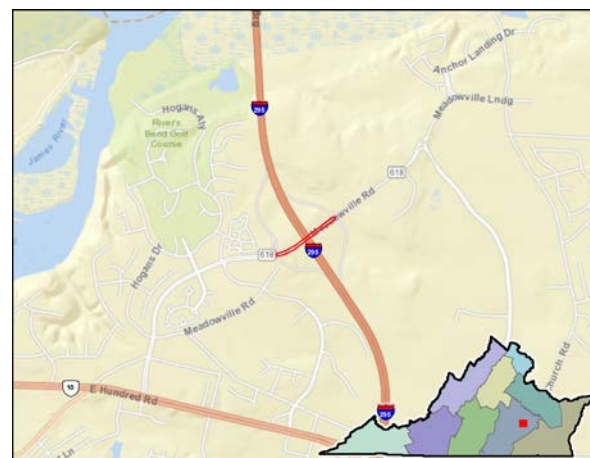
For more information on how to read a scorecard, click [here](#).

Meadowville Technology Parkway at I-295 Widening

App Id: 1075

Widen Meadowville Technology Parkway to four lanes at the interchange of I-295 to include the construction of a new bridge over I-295.

Project Location..... Chesterfield County  
SMART SCALE Area Type..... B  
Submitting Entity..... Chesterfield County  
Preliminary Engineering..... Underway  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... Both  
VTrans Need..... Richmond Regional Network  
( Click for details )



## 2.1

SMART SCALE  
SCORE

**#217** OF 404 STATEWIDE

**#51** OF 72 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$20,000,000**

Total Project Cost..... **\$20,000,000**

Project Benefit..... **4.2**

Project Benefit / Total Cost..... **2.1**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                     |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|-------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted              | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 1,660.9<br>persons                        | 192.4<br>person hrs.           | 0.1<br>EPDO                           | 37.9<br>EPDO / 100M VMT                  | 34.3<br>jobs per resident  | 34.9<br>jobs per resident                                | 55.1<br>adjusted users                          | 3,531,696.0<br>thousand adj sq. ft.                        | 10,112.9<br>thousand adj daily tons | 14,589.1<br>adj. buffer time index     | 44.1<br>adjusted points          | 3.6<br>scaled points                                     | 4,190.2<br>adjusted jobs & pop.                      |
| Normalized Measure Value (0-100)                               | 16.4                                      | 5.9                            | 0.0                                   | 0.2                                      | 1.3                        | 1.3                                                      | 0.4                                             | 12.5                                                       | 0.6                                 | 0.0                                    | 0.3                              | 7.1                                                      | 3.7                                                  |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                 | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 11.2                                      |                                | 0.1                                   |                                          | 1.1                        |                                                          |                                                 | 7.6                                                        |                                     |                                        | 3.7                              |                                                          | 3.7                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 20%                                   |                                          | 25%                        |                                                          |                                                 | 20%                                                        |                                     |                                        | 10%                              |                                                          | 10%                                                  |
| Weighted Factor Value                                          | 1.7                                       |                                | 0.0                                   |                                          | 0.3                        |                                                          |                                                 | 1.5                                                        |                                     |                                        | 0.4                              |                                                          | 0.4                                                  |
| Project Benefit                                                | 4.2                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$20,000,000                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 2.1                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

For more information on how to read a scorecard, click [here](#).

Rt. 360 (Woodlake to Otterdale) Widening

App Id: 1076

Widen Route 360 to six lanes between Woodlake Village Pkwy. and Otterdale Road

Project Location..... Chesterfield County  
 SMART SCALE Area Type..... B  
 Submitting Entity..... Chesterfield County  
 Preliminary Engineering..... Not Started  
 Right of Way..... Not Started  
 Construction..... Not Started  
 Expenditures to Date..... N/A  
 Key Fund Sources..... N/A  
 Administered By..... Locality  
 Eligible Funding Program(s)..... District Grant  
 VTrans Need..... Chesterfield Designated Growth Area  
 ( [Click for details](#) )



**0.7**

SMART SCALE  
SCORE

**#311** OF 404 STATEWIDE

**#66** OF 72 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$35,000,000**

Total Project Cost..... **\$35,000,000**

Project Benefit..... **2.5**

Project Benefit / Total Cost..... **0.7**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                     |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|-------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted              | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 25.7<br>persons                           | 36.9<br>person hrs.            | 7.1<br>EPDO                           | 57.9<br>EPDO / 100M VMT                  | 13.3<br>jobs per resident  | 13.6<br>jobs per resident                                | 64.2<br>adjusted users                          | 1,592,954.7<br>thousand adj sq. ft.                        | 61,606.7<br>thousand adj daily tons | 7,237,924.4<br>adj. buffer time index  | 51.3<br>adjusted points          | 2.1<br>scaled points                                     | 10,753.0<br>adjusted jobs & pop.                     |
| Normalized Measure Value (0-100)                               | 0.3                                       | 1.1                            | 2.1                                   | 0.3                                      | 0.5                        | 0.5                                                      | 0.4                                             | 5.7                                                        | 3.6                                 | 0.5                                    | 0.3                              | 4.2                                                      | 9.5                                                  |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                 | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 0.7                                       |                                | 1.2                                   |                                          | 0.5                        |                                                          |                                                 | 4.2                                                        |                                     |                                        | 2.2                              |                                                          | 9.5                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 20%                                   |                                          | 25%                        |                                                          |                                                 | 20%                                                        |                                     |                                        | 10%                              |                                                          | 10%                                                  |
| Weighted Factor Value                                          | 0.1                                       |                                | 0.2                                   |                                          | 0.1                        |                                                          |                                                 | 0.8                                                        |                                     |                                        | 0.2                              |                                                          | 1.0                                                  |
| Project Benefit                                                | 2.5                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$35,000,000                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 0.7                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |



# PROJECT SCORECARD

For more information on how to read a scorecard, click [here](#).

Centralia at Old Wrexham and Holly Trace Left Turn Lanes

App Id: 1077

Construct left turn lanes with sidewalk on Centralia Road at Old Wrexham Road & Holly Trace Drive.

Project Location..... Chesterfield County  
 SMART SCALE Area Type..... B  
 Submitting Entity..... Chesterfield County  
 Preliminary Engineering..... Not Started  
 Right of Way..... Not Started  
 Construction..... Not Started  
 Expenditures to Date..... N/A  
 Key Fund Sources..... N/A  
 Administered By..... Locality  
 Eligible Funding Program(s)..... District Grant  
 VTrans Need..... Chesterfield Designated Growth Area  
 ( [Click for details](#) )



**3.0**

SMART SCALE  
SCORE

**#177** OF 404 STATEWIDE

**#39** OF 72 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$6,500,000**

Total Project Cost..... **\$6,500,000**

Project Benefit..... **2.0**

Project Benefit / Total Cost..... **3.0**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 9.6<br>persons                            | 0.1<br>person hrs.             | 4.2<br>EPDO                           | 234.0<br>EPDO / 100M VMT                 | 0.0<br>jobs per resident   | 0.0<br>jobs per resident                                 | 28.9<br>adjusted users                          | 1,178,196.5<br>thousand adj sq. ft.                        | 0.0<br>thousand adj daily tons | 934,206.7<br>adj. buffer time index    | 38.5<br>adjusted points          | 1.6<br>scaled points                                     | 11,774.0<br>adjusted jobs & pop.                     |
| Normalized Measure Value (0-100)                               | 0.1                                       | 0.0                            | 1.3                                   | 1.2                                      | 0.0                        | 0.0                                                      | 0.2                                             | 4.2                                                        | 0.0                            | 0.1                                    | 0.2                              | 3.1                                                      | 10.4                                                 |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 0.0                                       |                                | 1.2                                   |                                          | 0.0                        |                                                          |                                                 | 2.5                                                        |                                |                                        | 1.7                              |                                                          | 10.4                                                 |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 20%                                   |                                          | 25%                        |                                                          |                                                 | 20%                                                        |                                |                                        | 10%                              |                                                          | 10%                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.2                                   |                                          | 0.0                        |                                                          |                                                 | 0.5                                                        |                                |                                        | 0.2                              |                                                          | 1.0                                                  |
| Project Benefit                                                | 2.0                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$6,500,000                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 3.0                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

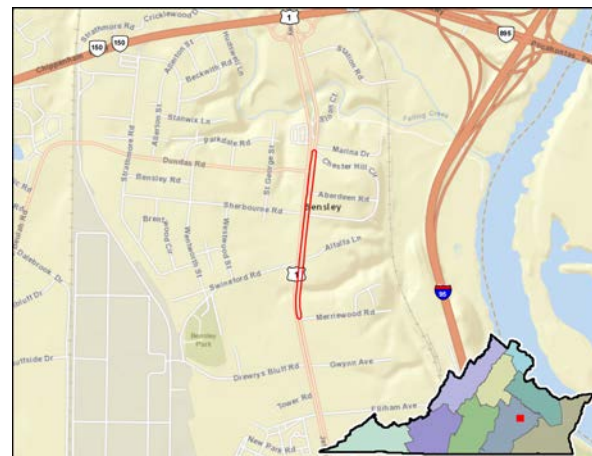
For more information on how to read a scorecard, click here.

Route 1 (Marina Dr. to Merriewood Rd.) Sidewalk

App Id: 1078

Construct sidewalk along Route 1 between Marina Drive and Merriewood Road

Project Location..... Chesterfield County  
 SMART SCALE Area Type..... B  
 Submitting Entity..... Chesterfield County  
 Preliminary Engineering..... Not Started  
 Right of Way..... Not Started  
 Construction..... Not Started  
 Expenditures to Date..... N/A  
 Key Fund Sources..... N/A  
 Administered By..... Locality  
 Eligible Funding Program(s)..... Both  
 VTrans Need..... Richmond Regional Network  
 ( Click for details )



**10.4**

SMART SCALE  
SCORE

**#73**

OF 404 STATEWIDE

**#14**

OF 72 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$2,082,640**

Total Project Cost..... **\$2,082,640**

Project Benefit..... **2.2**

Project Benefit / Total Cost..... **10.4**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                     |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|-------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted              | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 19.7<br>persons                           | 0.0<br>person hrs.             | 16.7<br>EPDO                          | 387.9<br>EPDO / 100M VMT                 | 23.7<br>jobs per resident  | 23.7<br>jobs per resident                                | 29.6<br>adjusted users                          | 588,786.8<br>thousand adj sq. ft.                          | 39,178.2<br>thousand adj daily tons | 2,346,130.3<br>adj. buffer time index  | 39.5<br>adjusted points          | 1.7<br>scaled points                                     | 8,232.9<br>adjusted jobs & pop.                      |
| Normalized Measure Value (0-100)                               | 0.2                                       | 0.0                            | 5.1                                   | 2.0                                      | 0.9                        | 0.9                                                      | 0.2                                             | 2.1                                                        | 2.3                                 | 0.2                                    | 0.2                              | 3.2                                                      | 7.3                                                  |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                 | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 0.1                                       |                                | 3.5                                   |                                          | 0.8                        |                                                          |                                                 | 1.8                                                        |                                     |                                        | 1.7                              |                                                          | 7.3                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 20%                                   |                                          | 25%                        |                                                          |                                                 | 20%                                                        |                                     |                                        | 10%                              |                                                          | 10%                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.7                                   |                                          | 0.2                        |                                                          |                                                 | 0.4                                                        |                                     |                                        | 0.2                              |                                                          | 0.7                                                  |
| Project Benefit                                                | 2.2                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$2,082,640                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 10.4                                      |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

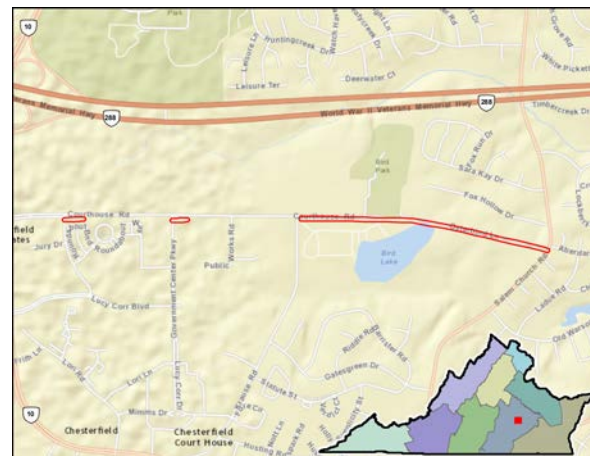
For more information on how to read a scorecard, click [here](#).

Courthouse Road Trail (Salem Church Rd to Courts Complex Rd)

App Id: 1086

Construct a multi-use trail from Salem Church Road to Courts Complex Road

Project Location..... Chesterfield County  
SMART SCALE Area Type..... B  
Submitting Entity..... Chesterfield County  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... Locality  
Eligible Funding Program(s)..... Both  
VTrans Need..... Richmond Regional Network  
( [Click for details](#) )



**14.9**

SMART SCALE  
SCORE

**#59**

OF 404 STATEWIDE

**#10**

OF 72 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$1,200,000**

Total Project Cost..... **\$1,200,000**

Project Benefit..... **1.8**

Project Benefit / Total Cost..... **14.9**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 6.3<br>persons                            | 0.0<br>person hrs.             | 2.4<br>EPDO                           | 268.9<br>EPDO / 100M VMT                 | 2.4<br>jobs per resident   | 2.4<br>jobs per resident                                 | 18.8<br>adjusted users                          | 2,043,747.3<br>thousand adj sq. ft.                        | 0.0<br>thousand adj daily tons | 0.0<br>adj. buffer time index          | 25.1<br>adjusted points          | 1.5<br>scaled points                                     | 5,981.8<br>adjusted jobs & pop.                      |
| Normalized Measure Value (0-100)                               | 0.1                                       | 0.0                            | 0.7                                   | 1.4                                      | 0.1                        | 0.1                                                      | 0.1                                             | 7.3                                                        | 0.0                            | 0.0                                    | 0.1                              | 2.9                                                      | 5.3                                                  |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 0.0                                       |                                | 1.1                                   |                                          | 0.1                        |                                                          |                                                 | 4.4                                                        |                                |                                        | 1.5                              |                                                          | 5.3                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 20%                                   |                                          | 25%                        |                                                          |                                                 | 20%                                                        |                                |                                        | 10%                              |                                                          | 10%                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.2                                   |                                          | 0.0                        |                                                          |                                                 | 0.9                                                        |                                |                                        | 0.2                              |                                                          | 0.5                                                  |
| Project Benefit                                                | 1.8                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$1,200,000                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 14.9                                      |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |

## PROJECT SCORECARD

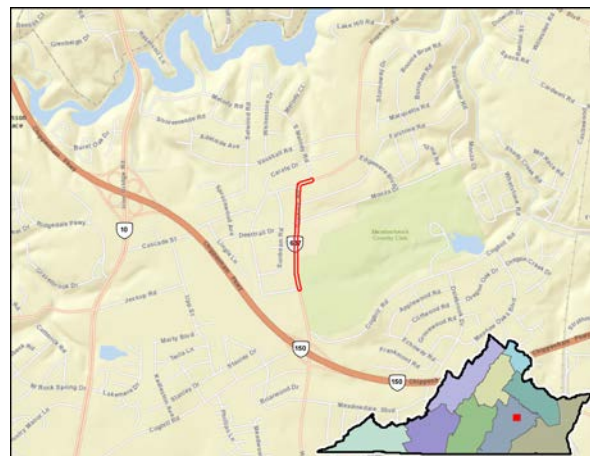
For more information on how to read a scorecard, click [here](#).

Hopkins Road Sidewalk (Bonniebank Road to S. Melody Road)

App Id: 1091

Construct curb and gutter, and a 5' sidewalk on the west side of Hopkins Road from Bonniebank Road to S. Melody Road.

Project Location..... Chesterfield County  
 SMART SCALE Area Type..... B  
 Submitting Entity..... Chesterfield County  
 Preliminary Engineering..... Not Started  
 Right of Way..... Not Started  
 Construction..... Not Started  
 Expenditures to Date..... N/A  
 Key Fund Sources..... N/A  
 Administered By..... Locality  
 Eligible Funding Program(s)..... Both  
 VTrans Need..... Richmond Regional Network  
 ( [Click for details](#) )



**29.2**

SMART SCALE  
SCORE

**#37**

OF 404 STATEWIDE

**#5**

OF 72 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$340,200**

Total Project Cost..... **\$967,200**

Project Benefit..... **1.0**

Project Benefit / Total Cost..... **10.3**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 9.7<br>persons                            | 0.0<br>person hrs.             | 3.0<br>EPDO                           | 244.5<br>EPDO / 100M VMT                 | 2.1<br>jobs per resident   | 2.1<br>jobs per resident                                 | 14.6<br>adjusted users                          | 286,191.0<br>thousand adj sq. ft.                          | 0.0<br>thousand adj daily tons | 1,610,348.7<br>adj. buffer time index  | 19.5<br>adjusted points          | 0.9<br>scaled points                                     | 6,005.2<br>adjusted jobs & pop.                      |
| Normalized Measure Value (0-100)                               | 0.1                                       | 0.0                            | 0.9                                   | 1.3                                      | 0.1                        | 0.1                                                      | 0.1                                             | 1.0                                                        | 0.0                            | 0.1                                    | 0.1                              | 1.7                                                      | 5.3                                                  |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 0.0                                       |                                | 1.1                                   |                                          | 0.1                        |                                                          |                                                 | 0.6                                                        |                                |                                        | 0.9                              |                                                          | 5.3                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 20%                                   |                                          | 25%                        |                                                          |                                                 | 20%                                                        |                                |                                        | 10%                              |                                                          | 10%                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.2                                   |                                          | 0.0                        |                                                          |                                                 | 0.1                                                        |                                |                                        | 0.1                              |                                                          | 0.5                                                  |
| Project Benefit                                                | 1.0                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$340,200                                 |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 29.2                                      |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |



# PROJECT SCORECARD

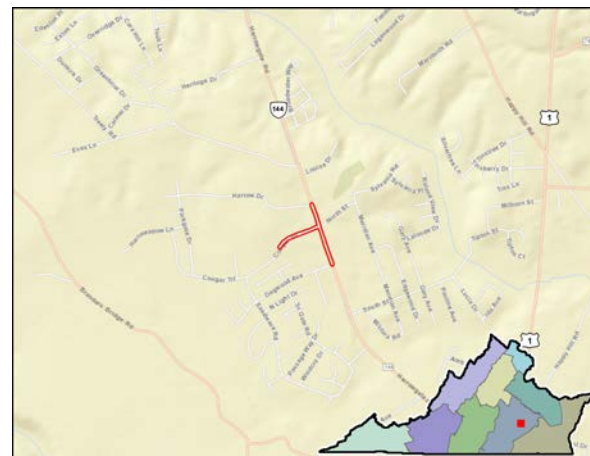
For more information on how to read a scorecard, click [here](#).

Harrowgate Road/Cougar Trail - Pedestrian Improvements

App Id: 1092

Harrowgate Road/Cougar Trail - Pedestrian Improvements

Project Location..... Chesterfield County  
 SMART SCALE Area Type..... C  
 Submitting Entity..... Chesterfield County  
 Preliminary Engineering..... Not Started  
 Right of Way..... Not Started  
 Construction..... Not Started  
 Expenditures to Date..... N/A  
 Key Fund Sources..... N/A  
 Administered By..... Locality  
 Eligible Funding Program(s)..... Both  
 VTrans Need..... Richmond Regional Network  
 ( Click for details )



|                                     |                              |
|-------------------------------------|------------------------------|
| <b>91.5</b><br>SMART SCALE<br>SCORE | <b>#6</b> OF 404 STATEWIDE   |
|                                     | <b>#1</b> OF 72 DISTRICTWIDE |

SMART SCALE Requested Funds..... **\$268,500**

Total Project Cost..... **\$890,000**

Project Benefit..... **2.5**

Project Benefit / Total Cost..... **27.6**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 6.7<br>persons                            | 0.0<br>person hrs.             | 0.1<br>EPDO                           | 11.1<br>EPDO / 100M VMT                  | 0.6<br>jobs per resident   | 0.6<br>jobs per resident                                 | 10.1<br>adjusted users                          | 4,176,997.5<br>thousand adj sq. ft.                        | 0.0<br>thousand adj daily tons | 0.0<br>adj. buffer time index          | 13.5<br>adjusted points          | 2.1<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.1                                       | 0.0                            | 0.0                                   | 0.1                                      | 0.0                        | 0.0                                                      | 0.1                                             | 14.8                                                       | 0.0                            | 0.0                                    | 0.1                              | 4.1                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.0                                       |                                | 0.0                                   |                                          | 0.0                        |                                                          |                                                 | 8.9                                                        |                                |                                        | 2.1                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 25%                                   |                                          | 25%                        |                                                          |                                                 | 25%                                                        |                                |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.0                                   |                                          | 0.0                        |                                                          |                                                 | 2.2                                                        |                                |                                        | 0.2                              |                                                          |                                                      |
| Project Benefit                                                | 2.5                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$268,500                                 |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 91.5                                      |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

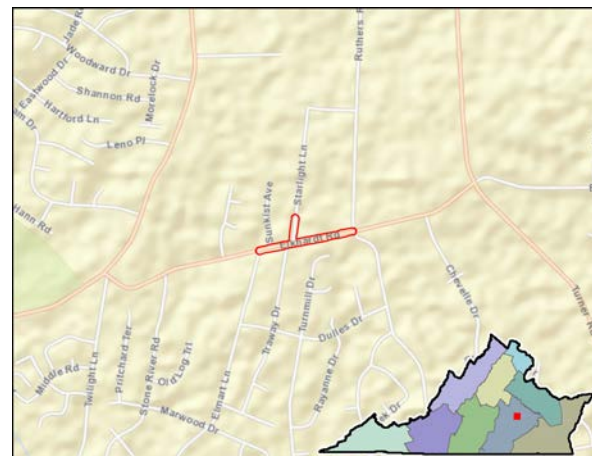
For more information on how to read a scorecard, click [here](#).

Elkhardt Road - Roadway, Pedestrian, and Bike Improvements

App Id: 1093

Elkhardt Road (Route 663) - Roadway, Pedestrian, and Bike Improvements

Project Location..... Chesterfield County  
SMART SCALE Area Type..... B  
Submitting Entity..... Chesterfield County  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... Locality  
Eligible Funding Program(s)..... Both  
VTrans Need..... Richmond Regional Network  
( [Click for details](#) )



**4.6**

SMART SCALE  
SCORE

**#139** OF 404 STATEWIDE

**#27** OF 72 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$2,948,480**

Total Project Cost..... **\$4,110,000**

Project Benefit..... **1.4**

Project Benefit / Total Cost..... **3.3**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 4.9<br>persons                            | 0.0<br>person hrs.             | 1.6<br>EPDO                           | 506.1<br>EPDO / 100M VMT                 | 0.3<br>jobs per resident   | 0.3<br>jobs per resident                                 | 14.8<br>adjusted users                          | 739,619.3<br>thousand adj sq. ft.                          | 0.0<br>thousand adj daily tons | 0.0<br>adj. buffer time index          | 19.7<br>adjusted points          | 1.2<br>scaled points                                     | 6,808.2<br>adjusted jobs & pop.                      |
| Normalized Measure Value (0-100)                               | 0.0                                       | 0.0                            | 0.5                                   | 2.6                                      | 0.0                        | 0.0                                                      | 0.1                                             | 2.6                                                        | 0.0                            | 0.0                                    | 0.1                              | 2.3                                                      | 6.0                                                  |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 0.0                                       |                                | 1.6                                   |                                          | 0.0                        |                                                          |                                                 | 1.6                                                        |                                |                                        | 1.2                              |                                                          | 6.0                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 20%                                   |                                          | 25%                        |                                                          |                                                 | 20%                                                        |                                |                                        | 10%                              |                                                          | 10%                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.3                                   |                                          | 0.0                        |                                                          |                                                 | 0.3                                                        |                                |                                        | 0.1                              |                                                          | 0.6                                                  |
| Project Benefit                                                | 1.4                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$2,948,480                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 4.6                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

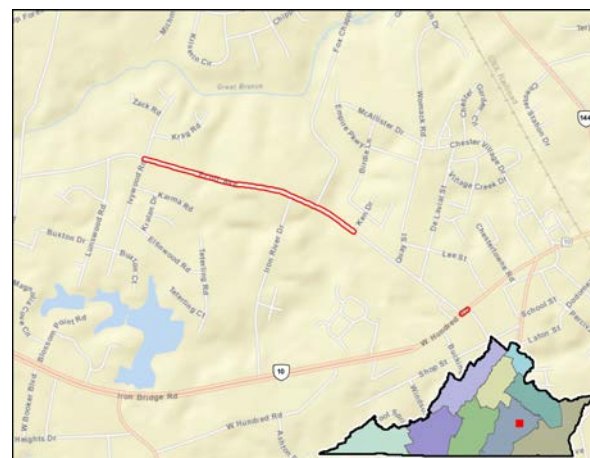
For more information on how to read a scorecard, click here.

Ecoff Avenue - Road and Pedestrian Improvements

App Id: 1094

Construct curb, gutter and concrete sidewalk along one side of Ecoff Avenue from Ivywood Road to Ken Drive.

Project Location..... Chesterfield County  
 SMART SCALE Area Type..... B  
 Submitting Entity..... Chesterfield County  
 Preliminary Engineering..... Not Started  
 Right of Way..... Not Started  
 Construction..... Not Started  
 Expenditures to Date..... N/A  
 Key Fund Sources..... N/A  
 Administered By..... Locality  
 Eligible Funding Program(s)..... Both  
 VTrans Need..... Richmond Regional Network  
 ( Click for details )



**4.2**

SMART SCALE  
SCORE

**#145** OF 404 STATEWIDE

**#29** OF 72 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$2,553,620**

Total Project Cost..... **\$3,780,000**

Project Benefit..... **1.1**

Project Benefit / Total Cost..... **2.9**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                  |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|----------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted           | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 2.6<br>persons                            | 0.0<br>person hrs.             | 0.6<br>EPDO                           | 102.3<br>EPDO / 100M VMT                 | 1.0<br>jobs per resident   | 1.0<br>jobs per resident                                 | 4.0<br>adjusted users                           | 342,893.5<br>thousand adj sq. ft.                          | 402.2<br>thousand adj daily tons | 0.0<br>adj. buffer time index          | 5.3<br>adjusted points           | 0.9<br>scaled points                                     | 8,658.2<br>adjusted jobs & pop.                      |
| Normalized Measure Value (0-100)                               | 0.0                                       | 0.0                            | 0.2                                   | 0.5                                      | 0.0                        | 0.0                                                      | 0.0                                             | 1.2                                                        | 0.0                              | 0.0                                    | 0.0                              | 1.7                                                      | 7.7                                                  |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                              | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 0.0                                       |                                | 0.4                                   |                                          | 0.0                        |                                                          |                                                 | 0.7                                                        |                                  |                                        | 0.8                              |                                                          | 7.7                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 20%                                   |                                          | 25%                        |                                                          |                                                 | 20%                                                        |                                  |                                        | 10%                              |                                                          | 10%                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.1                                   |                                          | 0.0                        |                                                          |                                                 | 0.1                                                        |                                  |                                        | 0.1                              |                                                          | 0.8                                                  |
| Project Benefit                                                | 1.1                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                  |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$2,553,620                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                  |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 4.2                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                  |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

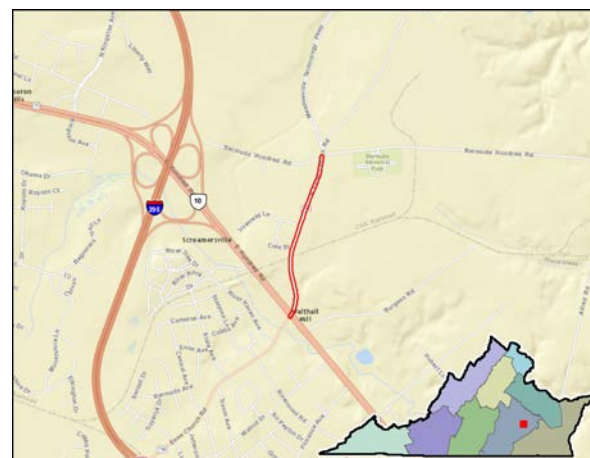
For more information on how to read a scorecard, click [here](#).

North Enon Church Road Widening

App Id: 1095

Widen N. Enon Church Rd. between Meadowville Technology Pkwy. and Route 10

Project Location..... Chesterfield County  
 SMART SCALE Area Type..... C  
 Submitting Entity..... Chesterfield County  
 Preliminary Engineering..... Not Started  
 Right of Way..... Not Started  
 Construction..... Not Started  
 Expenditures to Date..... N/A  
 Key Fund Sources..... N/A  
 Administered By..... Locality  
 Eligible Funding Program(s)..... Both  
 VTrans Need..... Richmond Regional Network  
 ( Click for details )



**1.9**

SMART SCALE  
SCORE

**#232** OF 404 STATEWIDE

**#55** OF 72 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$15,000,000**

Total Project Cost..... **\$15,000,000**

Project Benefit..... **2.9**

Project Benefit / Total Cost..... **1.9**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                     |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|-------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted              | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 5.8<br>persons                            | 0.2<br>person hrs.             | 15.6<br>EPDO                          | 575.5<br>EPDO / 100M VMT                 | 1.6<br>jobs per resident   | 1.6<br>jobs per resident                                 | 8.7<br>adjusted users                           | 2,977,799.5<br>thousand adj sq. ft.                        | 22,750.4<br>thousand adj daily tons | 0.0<br>adj. buffer time index          | 142.7<br>adjusted points         | 2.3<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.1                                       | 0.0                            | 4.7                                   | 3.0                                      | 0.1                        | 0.1                                                      | 0.1                                             | 10.6                                                       | 1.3                                 | 0.0                                    | 0.8                              | 4.4                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                 | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.0                                       |                                | 3.9                                   |                                          | 0.1                        |                                                          |                                                 | 6.6                                                        |                                     |                                        | 2.6                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 25%                                   |                                          | 25%                        |                                                          |                                                 | 25%                                                        |                                     |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 1.0                                   |                                          | 0.0                        |                                                          |                                                 | 1.7                                                        |                                     |                                        | 0.3                              |                                                          |                                                      |
| Project Benefit                                                | 2.9                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$15,000,000                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 1.9                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |



# PROJECT SCORECARD

For more information on how to read a scorecard, click here.

Nash Road Extension from Beach Road to Route 10

App Id: 1096

Extend Nash Road from Beach Road to Route 10 as a 2-Lane road. Include capacity improvements at the intersections of Beach Road and Nash Road and Nash Road Extended and Route 10.

Project Location..... Chesterfield County  
SMART SCALE Area Type..... B  
Submitting Entity..... Chesterfield County  
Preliminary Engineering..... Underway  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... Locality  
Eligible Funding Program(s)..... Both  
VTrans Need..... Richmond Regional Network  
( Click for details )



**4.5**

SMART SCALE  
SCORE

**#141** OF 404 STATEWIDE

**#28** OF 72 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$19,080,000**

Total Project Cost..... **\$22,500,000**

Project Benefit..... **8.6**

Project Benefit / Total Cost..... **3.8**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                    |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted             | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 4,832.5<br>persons                        | 1,246.0<br>person hrs.         | 0.0<br>EPDO                           | 0.0<br>EPDO / 100M VMT                   | 35.4<br>jobs per resident  | 35.7<br>jobs per resident                                | 23.8<br>adjusted users                          | 1,227,369.8<br>thousand adj sq. ft.                        | 6,757.6<br>thousand adj daily tons | 0.0<br>adj. buffer time index          | 19.0<br>adjusted points          | 7.2<br>scaled points                                     | 7,416.2<br>adjusted jobs & pop.                      |
| Normalized Measure Value (0-100)                               | 47.7                                      | 38.3                           | 0.0                                   | 0.0                                      | 1.4                        | 1.4                                                      | 0.2                                             | 4.4                                                        | 0.4                                | 0.0                                    | 0.1                              | 13.9                                                     | 6.6                                                  |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 43.0                                      |                                | 0.0                                   |                                          | 1.1                        |                                                          |                                                 | 2.7                                                        |                                    |                                        | 7.0                              |                                                          | 6.6                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 20%                                   |                                          | 25%                        |                                                          |                                                 | 20%                                                        |                                    |                                        | 10%                              |                                                          | 10%                                                  |
| Weighted Factor Value                                          | 6.5                                       |                                | 0.0                                   |                                          | 0.3                        |                                                          |                                                 | 0.5                                                        |                                    |                                        | 0.7                              |                                                          | 0.7                                                  |
| Project Benefit                                                | 8.6                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$19,080,000                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 4.5                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

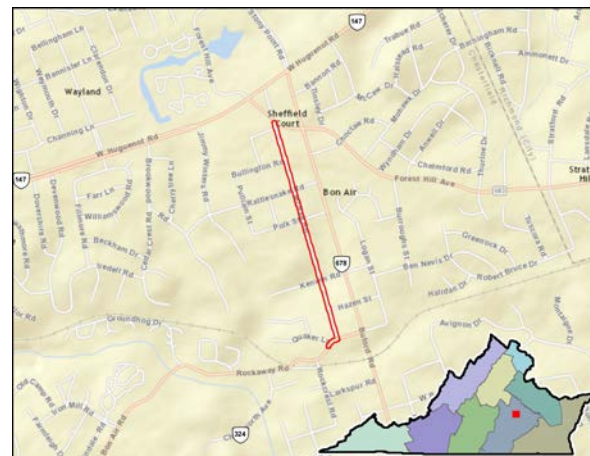
For more information on how to read a scorecard, click [here](#).

McRae Road and Rockaway Road - Sidewalk

App Id: 1097

Construct sidewalk with curb and gutter on McRae Road and Rockaway Road.

Project Location..... Chesterfield County  
 SMART SCALE Area Type..... B  
 Submitting Entity..... Chesterfield County  
 Preliminary Engineering..... Not Started  
 Right of Way..... Not Started  
 Construction..... Not Started  
 Expenditures to Date..... N/A  
 Key Fund Sources..... N/A  
 Administered By..... Locality  
 Eligible Funding Program(s)..... District Grant  
 VTrans Need..... Chesterfield Designated Growth Area  
 ( [Click for details](#) )



**3.4**

SMART SCALE  
SCORE

**#164** OF 404 STATEWIDE

**#33** OF 72 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$2,124,352**

Total Project Cost..... **\$3,150,000**

Project Benefit..... **0.7**

Project Benefit / Total Cost..... **2.3**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 8.0<br>persons                            | 0.0<br>person hrs.             | 2.6<br>EPDO                           | 248.1<br>EPDO / 100M VMT                 | 0.9<br>jobs per resident   | 0.9<br>jobs per resident                                 | 12.0<br>adjusted users                          | 0.0<br>thousand adj sq. ft.                                | 0.0<br>thousand adj daily tons | 0.0<br>adj. buffer time index          | 16.0<br>adjusted points          | 0.6<br>scaled points                                     | 5,019.3<br>adjusted jobs & pop.                      |
| Normalized Measure Value (0-100)                               | 0.1                                       | 0.0                            | 0.8                                   | 1.3                                      | 0.0                        | 0.0                                                      | 0.1                                             | 0.0                                                        | 0.0                            | 0.0                                    | 0.1                              | 1.2                                                      | 4.4                                                  |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 0.0                                       |                                | 1.0                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.6                              |                                                          | 4.4                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 20%                                   |                                          | 25%                        |                                                          |                                                 | 20%                                                        |                                |                                        | 10%                              |                                                          | 10%                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.2                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.1                              |                                                          | 0.4                                                  |
| Project Benefit                                                | 0.7                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$2,124,352                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 3.4                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

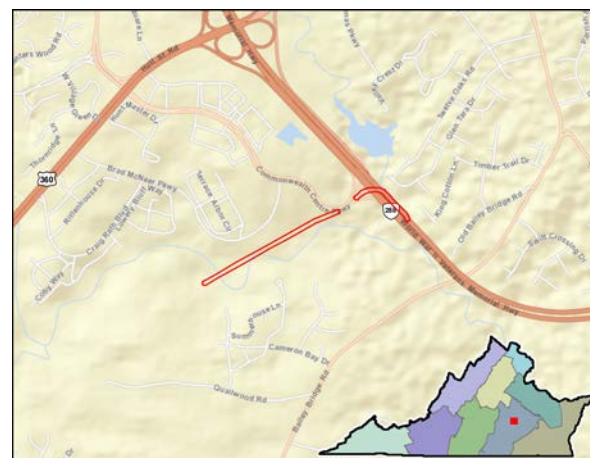
For more information on how to read a scorecard, click [here](#).

BBC Ph 2 - NB288Ramp, BBC, Brad McNeer Connector, SB288Ramp

App Id: 1102

BBC Phase 2 - NB Route 288 Off-Ramp, Bailey Bridge Connector from Brad McNeer Connector to Route 288, SB Route 288 Slip Ramp to Commonwealth Centre, Brad McNeer Connector

Project Location..... Chesterfield County  
 SMART SCALE Area Type..... B  
 Submitting Entity..... Chesterfield County  
 Preliminary Engineering..... Underway  
 Right of Way..... Not Started  
 Construction..... Not Started  
 Expenditures to Date..... N/A  
 Key Fund Sources..... N/A  
 Administered By..... VDOT  
 Eligible Funding Program(s)..... Both  
 VTrans Need..... Richmond Regional Network  
 ( Click for details )



**1.7**

SMART SCALE  
SCORE

**#242** OF 404 STATEWIDE

**#57** OF 72 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$71,351,070**

Total Project Cost..... **\$72,670,000**

Project Benefit..... **12.1**

Project Benefit / Total Cost..... **1.7**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                     |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|-------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted              | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 6,280.5<br>persons                        | 1,622.0<br>person hrs.         | 0.0<br>EPDO                           | 0.0<br>EPDO / 100M VMT                   | 54.5<br>jobs per resident  | 55.7<br>jobs per resident                                | 6.1<br>adjusted users                           | 2,630,222.8<br>thousand adj sq. ft.                        | 30,738.7<br>thousand adj daily tons | 1,173,339.2<br>adj. buffer time index  | 6.1<br>adjusted points           | 10.0<br>scaled points                                    | 12,280.7<br>adjusted jobs & pop.                     |
| Normalized Measure Value (0-100)                               | 62.0                                      | 49.9                           | 0.0                                   | 0.0                                      | 2.1                        | 2.1                                                      | 0.0                                             | 9.3                                                        | 1.8                                 | 0.1                                    | 0.0                              | 19.4                                                     | 10.9                                                 |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                 | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 55.9                                      |                                | 0.0                                   |                                          | 1.7                        |                                                          |                                                 | 6.0                                                        |                                     |                                        | 9.7                              |                                                          | 10.9                                                 |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 20%                                   |                                          | 25%                        |                                                          |                                                 | 20%                                                        |                                     |                                        | 10%                              |                                                          | 10%                                                  |
| Weighted Factor Value                                          | 8.4                                       |                                | 0.0                                   |                                          | 0.4                        |                                                          |                                                 | 1.2                                                        |                                     |                                        | 1.0                              |                                                          | 1.1                                                  |
| Project Benefit                                                | 12.1                                      |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$71,351,070                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 1.7                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |



# PROJECT SCORECARD

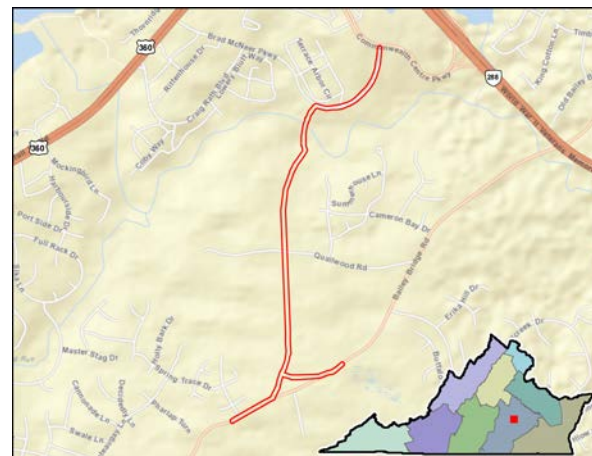
For more information on how to read a scorecard, click here.

BBC Ph 1 - Bailey Bridge Connector, Brad McNeer Connector

App Id: 1106

BBC Phase 1 - Construct Bailey Bridge Connector from Bailey Bridge Road to Brad McNeer Connector, Construct Brad McNeer Connector from Bailey Bridge Connector to Brad McNeer Parkway

Project Location..... Chesterfield County  
SMART SCALE Area Type..... B  
Submitting Entity..... Chesterfield County  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... Locality  
Eligible Funding Program(s)..... Both  
VTrans Need..... Richmond Regional Network  
( Click for details )



**5.4**

SMART SCALE  
SCORE

**#132** OF 404 STATEWIDE

**#26** OF 72 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$21,641,070**

Total Project Cost..... **\$22,960,000**

Project Benefit..... **11.7**

Project Benefit / Total Cost..... **5.1**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                    |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted             | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 5,636.3<br>persons                        | 1,452.0<br>person hrs.         | 26.4<br>EPDO                          | 22.2<br>EPDO / 100M VMT                  | 54.5<br>jobs per resident  | 55.7<br>jobs per resident                                | 61.0<br>adjusted users                          | 2,370,071.0<br>thousand adj sq. ft.                        | 6,454.9<br>thousand adj daily tons | 2,802,731.9<br>adj. buffer time index  | 61.0<br>adjusted points          | 10.0<br>scaled points                                    | 10,537.3<br>adjusted jobs & pop.                     |
| Normalized Measure Value (0-100)                               | 55.6                                      | 44.7                           | 8.0                                   | 0.1                                      | 2.1                        | 2.1                                                      | 0.4                                             | 8.4                                                        | 0.4                                | 0.2                                    | 0.4                              | 19.4                                                     | 9.3                                                  |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 50.1                                      |                                | 4.1                                   |                                          | 1.8                        |                                                          |                                                 | 5.2                                                        |                                    |                                        | 9.9                              |                                                          | 9.3                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 20%                                   |                                          | 25%                        |                                                          |                                                 | 20%                                                        |                                    |                                        | 10%                              |                                                          | 10%                                                  |
| Weighted Factor Value                                          | 7.5                                       |                                | 0.8                                   |                                          | 0.4                        |                                                          |                                                 | 1.0                                                        |                                    |                                        | 1.0                              |                                                          | 0.9                                                  |
| Project Benefit                                                | 11.7                                      |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$21,641,070                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 5.4                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |



# PROJECT SCORECARD

For more information on how to read a scorecard, click [here](#).

Cold Harbor (Rt 156) and Catlin Rd (Rt. 1440) Left-Turn Lane

App Id: 1108

Add left-turn lane on Cold Harbor (Rt. 156) and at the intersection of Catlin Rd (Rt. 1440) to enhance safety.

Project Location..... Hanover County  
 SMART SCALE Area Type..... B  
 Submitting Entity..... Hanover County  
 Preliminary Engineering..... Not Started  
 Right of Way..... Not Started  
 Construction..... Not Started  
 Expenditures to Date..... N/A  
 Key Fund Sources..... N/A  
 Administered By..... VDOT  
 Eligible Funding Program(s)..... District Grant  
 VTrans Need..... Safety: Crash History and Geometric Issue  
 ( Click for details )



**20.7**

SMART SCALE  
SCORE

**#46**

OF 404 STATEWIDE

**#8**

OF 72 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$1,357,200**

Total Project Cost..... **\$1,357,200**

Project Benefit..... **2.8**

Project Benefit / Total Cost..... **20.7**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                    |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted             | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 0.0<br>persons                            | 0.7<br>person hrs.             | 17.7<br>EPDO                          | 3,445.3<br>EPDO / 100M VMT               | 0.1<br>jobs per resident   | 0.1<br>jobs per resident                                 | 0.0<br>adjusted users                           | 6,480.0<br>thousand adj sq. ft.                            | 1,797.8<br>thousand adj daily tons | 374,214.2<br>adj. buffer time index    | 0.0<br>adjusted points           | 2.0<br>scaled points                                     | 3,233.7<br>adjusted jobs & pop.                      |
| Normalized Measure Value (0-100)                               | 0.0                                       | 0.0                            | 5.4                                   | 17.8                                     | 0.0                        | 0.0                                                      | 0.0                                             | 0.0                                                        | 0.1                                | 0.0                                    | 0.0                              | 3.8                                                      | 2.9                                                  |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 0.0                                       |                                | 11.6                                  |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                    |                                        | 1.9                              |                                                          | 2.9                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 20%                                   |                                          | 25%                        |                                                          |                                                 | 20%                                                        |                                    |                                        | 10%                              |                                                          | 10%                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 2.3                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                    |                                        | 0.2                              |                                                          | 0.3                                                  |
| Project Benefit                                                | 2.8                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$1,357,200                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 20.7                                      |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

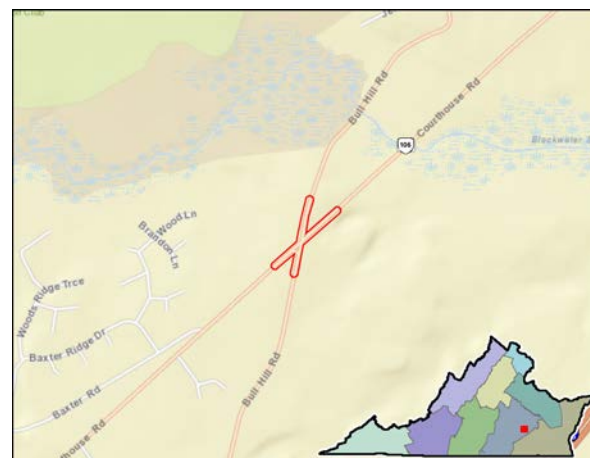
For more information on how to read a scorecard, click [here](#).

Rt.106 & Rt. 630 Intersection Safety Project (CH & BH Roads)

App Id: 1153

Intersection improvements (roundabout) aimed at improving operations and safety at the severely skewed, stop only controlled intersection of Route 106 & Route 630 (Courthouse Road and Bull Hill Road) in Prince George County.

Project Location..... Prince George County  
SMART SCALE Area Type..... C  
Submitting Entity..... Prince George County  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... District Grant  
VTrans Need..... Safety: Safety Study and Geometric Issue  
( [Click for details](#) )



**31.1**

SMART SCALE  
SCORE

**#34**

OF 404 STATEWIDE

**#4**

OF 72 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$5,755,853**

Total Project Cost..... **\$5,755,853**

Project Benefit..... **17.9**

Project Benefit / Total Cost..... **31.1**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 0.0<br>persons                            | 1.9<br>person hrs.             | 104.8<br>EPDO                         | 19,314.9<br>EPDO / 100M VMT              | 0.0<br>jobs per resident   | 0.0<br>jobs per resident                                 | 0.0<br>adjusted users                           | 0.0<br>thousand adj sq. ft.                                | 0.0<br>thousand adj daily tons | 221,049.9<br>adj. buffer time index    | 0.0<br>adjusted points           | 14.6<br>scaled points                                    | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.0                                       | 0.1                            | 31.9                                  | 100.0                                    | 0.0                        | 0.0                                                      | 0.0                                             | 0.0                                                        | 0.0                            | 0.0                                    | 0.0                              | 28.4                                                     |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.0                                       |                                | 65.9                                  |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 14.2                             |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 25%                                   |                                          | 25%                        |                                                          |                                                 | 25%                                                        |                                |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 16.5                                  |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 1.4                              |                                                          |                                                      |
| Project Benefit                                                | 17.9                                      |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$5,755,853                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 31.1                                      |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

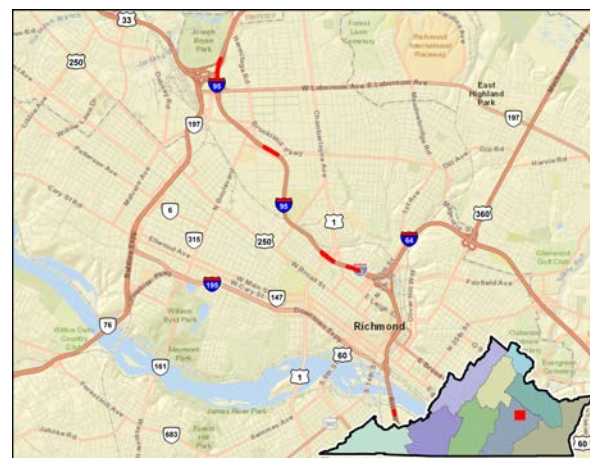
For more information on how to read a scorecard, click here.

I-95/I-64 Overlap: Emergency Pull-Offs

App Id: 1163

The construction of six new emergency pull-offs at four interchange locations within the I-95/I-64 overlap corridor.

Project Location..... Richmond  
SMART SCALE Area Type..... B  
Submitting Entity..... Richmond Regional Transportation Planning Organization  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... High Priority  
VTrans Need..... Safety: Crash History and Geometric Issue  
( Click for details )



**6.0**

SMART SCALE  
SCORE

**#125** OF 404 STATEWIDE

**#23** OF 72 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$7,665,612**

Total Project Cost..... **\$7,665,612**

Project Benefit..... **4.6**

Project Benefit / Total Cost..... **6.0**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 0.0<br>persons                            | 0.0<br>person hrs.             | 23.6<br>EPDO                          | 55.8<br>EPDO / 100M VMT                  | 0.0<br>jobs per resident   | 0.0<br>jobs per resident                                 | 0.0<br>adjusted users                           | 1,326,590.8<br>thousand adj sq. ft.                        | 0.0<br>thousand adj daily tons | 57,021,438.5<br>adj. buffer time index | 0.0<br>adjusted points           | 3.7<br>scaled points                                     | 31,256.8<br>adjusted jobs & pop.                     |
| Normalized Measure Value (0-100)                               | 0.0                                       | 0.0                            | 7.2                                   | 0.3                                      | 0.0                        | 0.0                                                      | 0.0                                             | 4.7                                                        | 0.0                            | 4.2                                    | 0.0                              | 7.1                                                      | 27.6                                                 |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 0.0                                       |                                | 3.7                                   |                                          | 0.0                        |                                                          |                                                 | 3.7                                                        |                                |                                        | 3.6                              |                                                          | 27.6                                                 |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 20%                                   |                                          | 25%                        |                                                          |                                                 | 20%                                                        |                                |                                        | 10%                              |                                                          | 10%                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.7                                   |                                          | 0.0                        |                                                          |                                                 | 0.7                                                        |                                |                                        | 0.4                              |                                                          | 2.8                                                  |
| Project Benefit                                                | 4.6                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$7,665,612                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 6.0                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |



# PROJECT SCORECARD

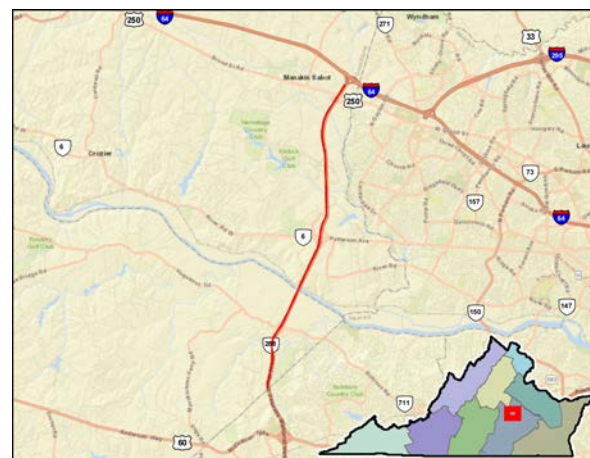
For more information on how to read a scorecard, click [here](#).

Rte. 288 ITS Improvements - Phase 1 (Goochland and Powhatan)

App Id: 1164

The installation and deployment of CCTV-Cameras and Dynamic Message Signs (DMS) in the Route 288 Corridor (Phase 1 - Goochland and Powhatan Counties).

Project Location..... Multiple  
SMART SCALE Area Type..... B  
Submitting Entity..... Richmond Regional Transportation Planning Organization  
Preliminary Engineering..... Not Started  
Right of Way..... Not Needed  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... High Priority  
VTrans Need..... Safety: PSI Data and Geometric Issue  
( [Click for details](#) )



**2.8**

SMART SCALE  
SCORE

**#187** OF 404 STATEWIDE

**#42** OF 72 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$7,610,020**

Total Project Cost..... **\$7,610,020**

Project Benefit..... **2.2**

Project Benefit / Total Cost..... **2.8**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 0.0<br>persons                            | 0.0<br>person hrs.             | 39.8<br>EPDO                          | 25.9<br>EPDO / 100M VMT                  | 0.0<br>jobs per resident   | 0.0<br>jobs per resident                                 | 0.0<br>adjusted users                           | 1,397,443.3<br>thousand adj sq. ft.                        | 0.0<br>thousand adj daily tons | 53,738,030.2<br>adj. buffer time index | 0.0<br>adjusted points           | 1.8<br>scaled points                                     | 0.0<br>adjusted jobs & pop.                          |
| Normalized Measure Value (0-100)                               | 0.0                                       | 0.0                            | 12.1                                  | 0.1                                      | 0.0                        | 0.0                                                      | 0.0                                             | 5.0                                                        | 0.0                            | 3.9                                    | 0.0                              | 3.5                                                      | 0.0                                                  |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 0.0                                       |                                | 6.1                                   |                                          | 0.0                        |                                                          |                                                 | 3.8                                                        |                                |                                        | 1.8                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 20%                                   |                                          | 25%                        |                                                          |                                                 | 20%                                                        |                                |                                        | 10%                              |                                                          | 10%                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 1.2                                   |                                          | 0.0                        |                                                          |                                                 | 0.8                                                        |                                |                                        | 0.2                              |                                                          | 0.0                                                  |
| Project Benefit                                                | 2.2                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$7,610,020                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 2.8                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |



# PROJECT SCORECARD

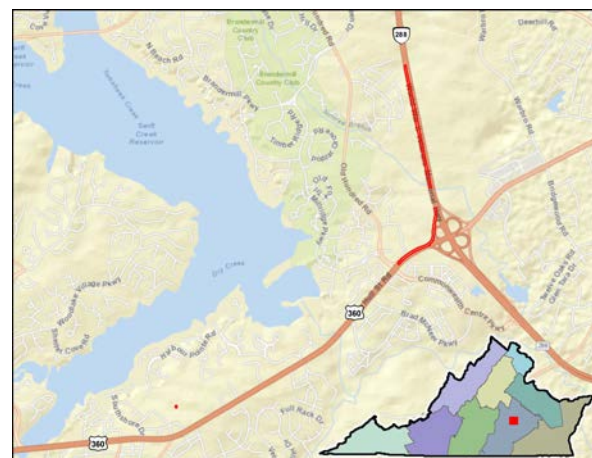
For more information on how to read a scorecard, click here.

SB Rte. 288 to WB US 360 Off-Ramp, US 360 PNR Lot

App Id: 1165

Extend the SB Rte. 288 to WB US 360 off-ramp deceleration lane, widen to 2 lanes, and add downstream receiving lane. Construct a 152 space park and ride lot on County property (Chesterfield Career and Technical Center) at US 360 and Chital Drive.

Project Location..... Chesterfield County  
 SMART SCALE Area Type..... B  
 Submitting Entity..... Richmond Regional Transportation Planning Organization  
 Preliminary Engineering..... Underway  
 Right of Way..... Not Started  
 Construction..... Not Started  
 Expenditures to Date..... N/A  
 Key Fund Sources..... N/A  
 Administered By..... Locality  
 Eligible Funding Program(s)..... High Priority  
 VTrans Need..... Richmond Regional Network  
 ( Click for details )



**8.4**

SMART SCALE  
SCORE

**#91**

OF 404 STATEWIDE

**#18**

OF 72 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$13,242,570**

Total Project Cost..... **\$14,561,500**

Project Benefit..... **11.1**

Project Benefit / Total Cost..... **7.6**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                      |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted               | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 5,840.5<br>persons                        | 263.0<br>person hrs.           | 4.9<br>EPDO                           | 0.8<br>EPDO / 100M VMT                   | 45.3<br>jobs per resident  | 45.9<br>jobs per resident                                | 273.6<br>adjusted users                         | 7,321,065.0<br>thousand adj sq. ft.                        | 233,556.6<br>thousand adj daily tons | 9,697,534.8<br>adj. buffer time index  | 136.8<br>adjusted points         | 9.6<br>scaled points                                     | 10,240.9<br>adjusted jobs & pop.                     |
| Normalized Measure Value (0-100)                               | 57.6                                      | 8.1                            | 1.5                                   | 0.0                                      | 1.7                        | 1.7                                                      | 1.9                                             | 26.0                                                       | 13.8                                 | 0.7                                    | 0.8                              | 18.6                                                     | 9.1                                                  |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                  | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 32.9                                      |                                | 0.7                                   |                                          | 1.8                        |                                                          |                                                 | 18.5                                                       |                                      |                                        | 9.7                              |                                                          | 9.1                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 20%                                   |                                          | 25%                        |                                                          |                                                 | 20%                                                        |                                      |                                        | 10%                              |                                                          | 10%                                                  |
| Weighted Factor Value                                          | 4.9                                       |                                | 0.1                                   |                                          | 0.4                        |                                                          |                                                 | 3.7                                                        |                                      |                                        | 1.0                              |                                                          | 0.9                                                  |
| Project Benefit                                                | 11.1                                      |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                      |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$13,242,570                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                      |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 8.4                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                      |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

For more information on how to read a scorecard, click [here](#).

Deer Run Sidewalk

App Id: 1254

Construct curb, gutter and sidewalk along Deer Run Drive from Chital Drive to Native Dancer Drive and asphalt trail from Native Dancer Drive to Alberta Smith Elementary School.

Project Location..... Chesterfield County  
 SMART SCALE Area Type..... B  
 Submitting Entity..... Chesterfield County  
 Preliminary Engineering..... Not Started  
 Right of Way..... Not Started  
 Construction..... Not Started  
 Expenditures to Date..... N/A  
 Key Fund Sources..... N/A  
 Administered By..... Locality  
 Eligible Funding Program(s)..... District Grant  
 VTrans Need..... Chesterfield Designated Growth Area  
 ( [Click for details](#) )



**3.9**

SMART SCALE  
SCORE

**#148** OF 404 STATEWIDE

**#30** OF 72 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$2,871,250**

Total Project Cost..... **\$2,871,250**

Project Benefit..... **1.1**

Project Benefit / Total Cost..... **3.9**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 4.7<br>persons                            | 0.0<br>person hrs.             | 5.0<br>EPDO                           | 246.5<br>EPDO / 100M VMT                 | 1.8<br>jobs per resident   | 1.8<br>jobs per resident                                 | 7.0<br>adjusted users                           | 527,528.0<br>thousand adj sq. ft.                          | 0.0<br>thousand adj daily tons | 0.0<br>adj. buffer time index          | 9.3<br>adjusted points           | 1.0<br>scaled points                                     | 5,514.0<br>adjusted jobs & pop.                      |
| Normalized Measure Value (0-100)                               | 0.0                                       | 0.0                            | 1.5                                   | 1.3                                      | 0.1                        | 0.1                                                      | 0.0                                             | 1.9                                                        | 0.0                            | 0.0                                    | 0.1                              | 1.9                                                      | 4.9                                                  |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 0.0                                       |                                | 1.4                                   |                                          | 0.1                        |                                                          |                                                 | 1.1                                                        |                                |                                        | 1.0                              |                                                          | 4.9                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 20%                                   |                                          | 25%                        |                                                          |                                                 | 20%                                                        |                                |                                        | 10%                              |                                                          | 10%                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.3                                   |                                          | 0.0                        |                                                          |                                                 | 0.2                                                        |                                |                                        | 0.1                              |                                                          | 0.5                                                  |
| Project Benefit                                                | 1.1                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$2,871,250                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 3.9                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

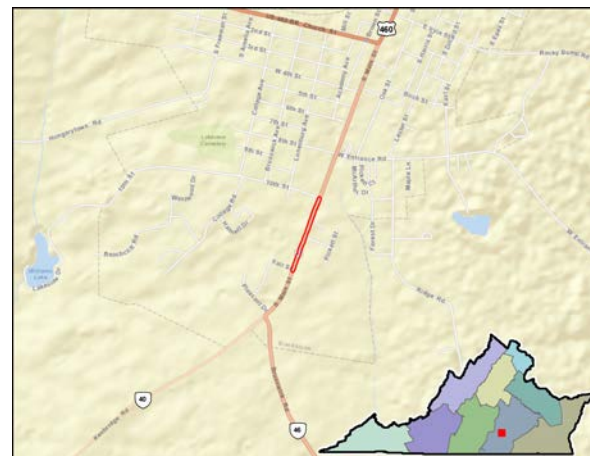
For more information on how to read a scorecard, click here.

South Main Street- 10th to Fair Street

App Id: 1258

Widening of Main Street from 10th to Fair Street

Project Location..... Blackstone Town  
SMART SCALE Area Type..... D  
Submitting Entity..... Blackstone Town  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... District Grant  
VTrans Need..... Blackstone UDA  
( Click for details )



**1.6**

SMART SCALE  
SCORE

**#250** OF 404 STATEWIDE

**#59** OF 72 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$3,427,278**

Total Project Cost..... **\$3,437,224**

Project Benefit..... **0.5**

Project Benefit / Total Cost..... **1.6**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                    |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted             | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 8.3<br>persons                            | 0.0<br>person hrs.             | 4.0<br>EPDO                           | 229.5<br>EPDO / 100M VMT                 | 0.0<br>jobs per resident   | 0.0<br>jobs per resident                                 | 41.4<br>adjusted users                          | 94,791.0<br>thousand adj sq. ft.                           | 8,206.5<br>thousand adj daily tons | 920,062.9<br>adj. buffer time index    | 24.8<br>adjusted points          | 0.5<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.1                                       | 0.0                            | 1.2                                   | 1.2                                      | 0.0                        | 0.0                                                      | 0.3                                             | 0.3                                                        | 0.5                                | 0.1                                    | 0.1                              | 0.9                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.0                                       |                                | 1.2                                   |                                          | 0.1                        |                                                          |                                                 | 0.3                                                        |                                    |                                        | 0.5                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 10%                                       |                                | 30%                                   |                                          | 15%                        |                                                          |                                                 | 35%                                                        |                                    |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.4                                   |                                          | 0.0                        |                                                          |                                                 | 0.1                                                        |                                    |                                        | 0.1                              |                                                          |                                                      |
| Project Benefit                                                | 0.5                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$3,427,278                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 1.6                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |



# PROJECT SCORECARD

For more information on how to read a scorecard, click here.

Chesterfield Avenue Reconstruction

App Id: 1262

Reconstruct Chesterfield Avenue to provide a two-way cycle track on east side of roadway.

Project Location..... Chesterfield County  
 SMART SCALE Area Type..... C  
 Submitting Entity..... Chesterfield County  
 Preliminary Engineering..... Not Started  
 Right of Way..... Not Started  
 Construction..... Not Started  
 Expenditures to Date..... N/A  
 Key Fund Sources..... N/A  
 Administered By..... Locality  
 Eligible Funding Program(s)..... Both  
 VTrans Need..... Richmond Regional Network  
 ( Click for details )



**0.3**

SMART SCALE  
SCORE

**#362** OF 404 STATEWIDE

**#70** OF 72 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$15,000,000**

Total Project Cost..... **\$15,000,000**

Project Benefit..... **0.4**

Project Benefit / Total Cost..... **0.3**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 1.8<br>persons                            | 0.0<br>person hrs.             | 1.2<br>EPDO                           | 65.4<br>EPDO / 100M VMT                  | 0.7<br>jobs per resident   | 0.7<br>jobs per resident                                 | 5.4<br>adjusted users                           | 595,037.8<br>thousand adj sq. ft.                          | 0.0<br>thousand adj daily tons | 0.0<br>adj. buffer time index          | 7.2<br>adjusted points           | 0.3<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.0                                       | 0.0                            | 0.4                                   | 0.3                                      | 0.0                        | 0.0                                                      | 0.0                                             | 2.1                                                        | 0.0                            | 0.0                                    | 0.0                              | 0.7                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.0                                       |                                | 0.4                                   |                                          | 0.0                        |                                                          |                                                 | 1.3                                                        |                                |                                        | 0.4                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 25%                                   |                                          | 25%                        |                                                          |                                                 | 25%                                                        |                                |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.1                                   |                                          | 0.0                        |                                                          |                                                 | 0.3                                                        |                                |                                        | 0.0                              |                                                          |                                                      |
| Project Benefit                                                | 0.4                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$15,000,000                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 0.3                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |



# PROJECT SCORECARD

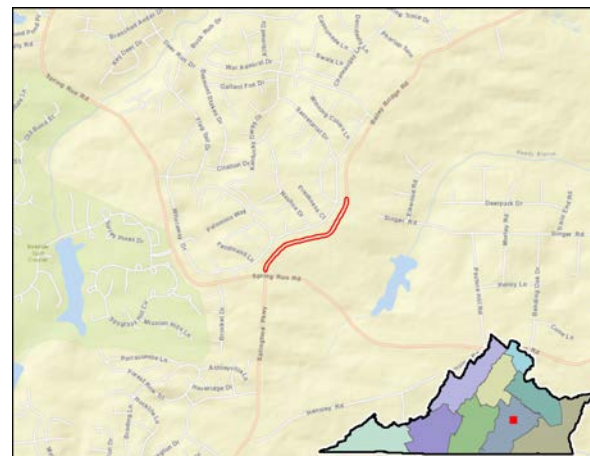
For more information on how to read a scorecard, click [here](#).

Bailey Bridge Rd (Sunday Silence-Spring Run) Realignment

App Id: 1282

Improve horizontal alignment of Bailey Bridge Road.

Project Location..... Chesterfield County  
 SMART SCALE Area Type..... B  
 Submitting Entity..... Chesterfield County  
 Preliminary Engineering..... Underway  
 Right of Way..... Not Started  
 Construction..... Not Started  
 Expenditures to Date..... N/A  
 Key Fund Sources..... N/A  
 Administered By..... Locality  
 Eligible Funding Program(s)..... Both  
 VTrans Need..... Richmond Regional Network  
 ( Click for details )



**1.7**

SMART SCALE  
SCORE

**#244** OF 404 STATEWIDE

**#58** OF 72 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$2,884,793**

Total Project Cost..... **\$3,500,000**

Project Benefit..... **0.5**

Project Benefit / Total Cost..... **1.4**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 0.0<br>persons                            | 0.0<br>person hrs.             | 0.0<br>EPDO                           | 0.0<br>EPDO / 100M VMT                   | 0.1<br>jobs per resident   | 0.1<br>jobs per resident                                 | 0.0<br>adjusted users                           | 0.0<br>thousand adj sq. ft.                                | 0.0<br>thousand adj daily tons | 0.0<br>adj. buffer time index          | 0.0<br>adjusted points           | 0.4<br>scaled points                                     | 4,958.3<br>adjusted jobs & pop.                      |
| Normalized Measure Value (0-100)                               | 0.0                                       | 0.0                            | 0.0                                   | 0.0                                      | 0.0                        | 0.0                                                      | 0.0                                             | 0.0                                                        | 0.0                            | 0.0                                    | 0.0                              | 0.8                                                      | 4.4                                                  |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 0.0                                       |                                | 0.0                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.4                              |                                                          | 4.4                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 20%                                   |                                          | 25%                        |                                                          |                                                 | 20%                                                        |                                |                                        | 10%                              |                                                          | 10%                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.0                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.0                              |                                                          | 0.4                                                  |
| Project Benefit                                                | 0.5                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$2,884,793                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 1.7                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

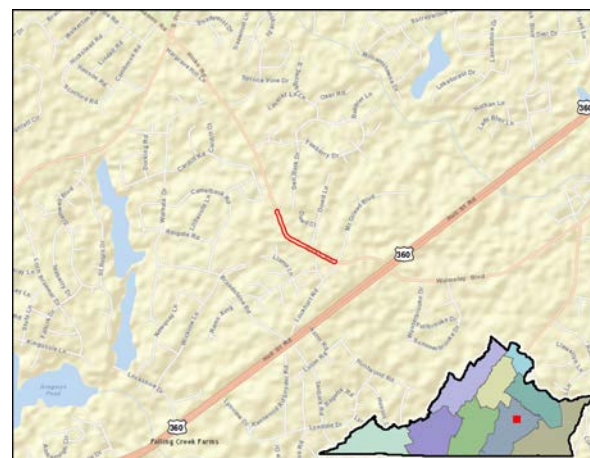
For more information on how to read a scorecard, click [here](#).

Hicks Road (Mt. Gilead-Cardiff Lane) Reconstruction

App Id: 1285

Reconstruct Hicks Road between Mt. Gilead and Cardiff Lane to improve horizontal and vertical alignment and provide wider travel lanes and shoulders.

Project Location..... Chesterfield County  
SMART SCALE Area Type..... B  
Submitting Entity..... Chesterfield County  
Preliminary Engineering..... Underway  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... Locality  
Eligible Funding Program(s)..... District Grant  
VTrans Need..... Chesterfield Designated Growth Area  
( [Click for details](#) )



**10.0**

SMART SCALE  
SCORE

**#76**

OF 404 STATEWIDE

**#16**

OF 72 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$1,144,990**

Total Project Cost..... **\$3,151,770**

Project Benefit..... **1.1**

Project Benefit / Total Cost..... **3.6**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 0.0<br>persons                            | 0.0<br>person hrs.             | 3.5<br>EPDO                           | 312.3<br>EPDO / 100M VMT                 | 2.2<br>jobs per resident   | 2.3<br>jobs per resident                                 | 0.0<br>adjusted users                           | 577,098.6<br>thousand adj sq. ft.                          | 0.0<br>thousand adj daily tons | 139,858.0<br>adj. buffer time index    | 0.0<br>adjusted points           | 1.0<br>scaled points                                     | 5,842.1<br>adjusted jobs & pop.                      |
| Normalized Measure Value (0-100)                               | 0.0                                       | 0.0                            | 1.1                                   | 1.6                                      | 0.1                        | 0.1                                                      | 0.0                                             | 2.0                                                        | 0.0                            | 0.0                                    | 0.0                              | 1.9                                                      | 5.2                                                  |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 0.0                                       |                                | 1.3                                   |                                          | 0.1                        |                                                          |                                                 | 1.2                                                        |                                |                                        | 1.0                              |                                                          | 5.2                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 20%                                   |                                          | 25%                        |                                                          |                                                 | 20%                                                        |                                |                                        | 10%                              |                                                          | 10%                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.3                                   |                                          | 0.0                        |                                                          |                                                 | 0.2                                                        |                                |                                        | 0.1                              |                                                          | 0.5                                                  |
| Project Benefit                                                | 1.1                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$1,144,990                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 10.0                                      |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

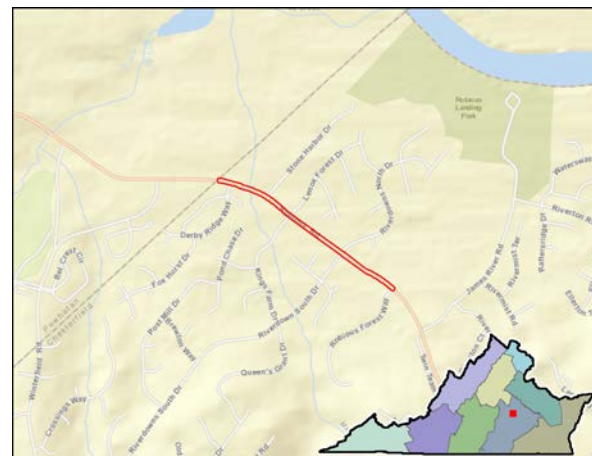
For more information on how to read a scorecard, click here.

Robious Road (James River Rd. to county line) Widening

App Id: 1288

Widen Robious Road from two lanes to four lanes from James River Road to county line. Typical section will be curb and gutter with sidewalk and bike lanes.

Project Location..... Chesterfield County  
SMART SCALE Area Type..... B  
Submitting Entity..... Chesterfield County  
Preliminary Engineering..... Underway  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... Locality  
Eligible Funding Program(s)..... District Grant  
VTrans Need..... Chesterfield Designated Growth Area  
( Click for details )



**1.5**

SMART SCALE  
SCORE

**#254** OF 404 STATEWIDE

**#60** OF 72 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$4,327,350**

Total Project Cost..... **\$7,617,550**

Project Benefit..... **0.7**

Project Benefit / Total Cost..... **0.9**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 20.9<br>persons                           | 2.0<br>person hrs.             | 3.0<br>EPDO                           | 81.1<br>EPDO / 100M VMT                  | 7.1<br>jobs per resident   | 7.1<br>jobs per resident                                 | 62.7<br>adjusted users                          | 29,918.6<br>thousand adj sq. ft.                           | 0.0<br>thousand adj daily tons | 1,013,389.0<br>adj. buffer time index  | 83.6<br>adjusted points          | 0.5<br>scaled points                                     | 3,752.0<br>adjusted jobs & pop.                      |
| Normalized Measure Value (0-100)                               | 0.2                                       | 0.1                            | 0.9                                   | 0.4                                      | 0.3                        | 0.3                                                      | 0.4                                             | 0.1                                                        | 0.0                            | 0.1                                    | 0.5                              | 1.1                                                      | 3.3                                                  |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 0.1                                       |                                | 0.7                                   |                                          | 0.3                        |                                                          |                                                 | 0.1                                                        |                                |                                        | 0.8                              |                                                          | 3.3                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 20%                                   |                                          | 25%                        |                                                          |                                                 | 20%                                                        |                                |                                        | 10%                              |                                                          | 10%                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.1                                   |                                          | 0.1                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.1                              |                                                          | 0.3                                                  |
| Project Benefit                                                | 0.7                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$4,327,350                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 1.5                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

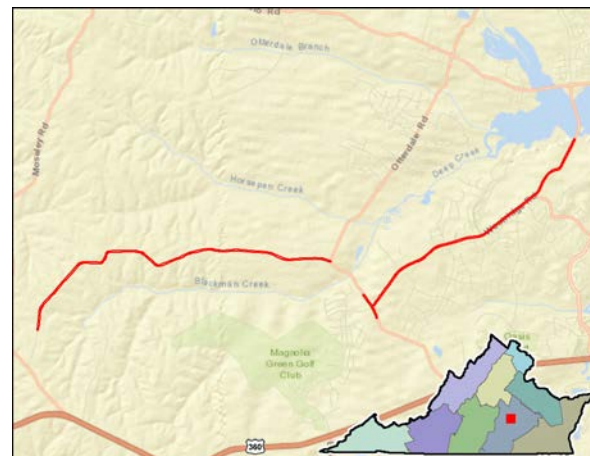
For more information on how to read a scorecard, click [here](#).

Woolridge & Otterdale Widening

App Id: 1289

Widen Woolridge Road (reservoir to Otterdale Rd.) and Otterdale Road (Woolridge Road to north of Foxcreek Crossing) from two to four lanes to include median, curb, gutter and sidewalk.

Project Location..... Chesterfield County  
SMART SCALE Area Type..... B  
Submitting Entity..... Chesterfield County  
Preliminary Engineering..... Complete  
Right of Way..... Underway  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... Locality  
Eligible Funding Program(s)..... District Grant  
VTrans Need..... Chesterfield Designated Growth Area  
( [Click for details](#) )



**3.3**

SMART SCALE  
SCORE

**#169** OF 404 STATEWIDE

**#36** OF 72 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$3,450,000**

Total Project Cost..... **\$30,450,000**

Project Benefit..... **1.2**

Project Benefit / Total Cost..... **0.4**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 37.6<br>persons                           | 0.0<br>person hrs.             | 4.3<br>EPDO                           | 91.5<br>EPDO / 100M VMT                  | 18.1<br>jobs per resident  | 18.5<br>jobs per resident                                | 56.4<br>adjusted users                          | 804,824.0<br>thousand adj sq. ft.                          | 0.0<br>thousand adj daily tons | 0.0<br>adj. buffer time index          | 75.1<br>adjusted points          | 1.0<br>scaled points                                     | 3,688.3<br>adjusted jobs & pop.                      |
| Normalized Measure Value (0-100)                               | 0.4                                       | 0.0                            | 1.3                                   | 0.5                                      | 0.7                        | 0.7                                                      | 0.4                                             | 2.9                                                        | 0.0                            | 0.0                                    | 0.4                              | 1.9                                                      | 3.3                                                  |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 0.2                                       |                                | 0.9                                   |                                          | 0.6                        |                                                          |                                                 | 1.7                                                        |                                |                                        | 1.2                              |                                                          | 3.3                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 20%                                   |                                          | 25%                        |                                                          |                                                 | 20%                                                        |                                |                                        | 10%                              |                                                          | 10%                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.2                                   |                                          | 0.2                        |                                                          |                                                 | 0.3                                                        |                                |                                        | 0.1                              |                                                          | 0.3                                                  |
| Project Benefit                                                | 1.2                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$3,450,000                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 3.3                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |



# PROJECT SCORECARD

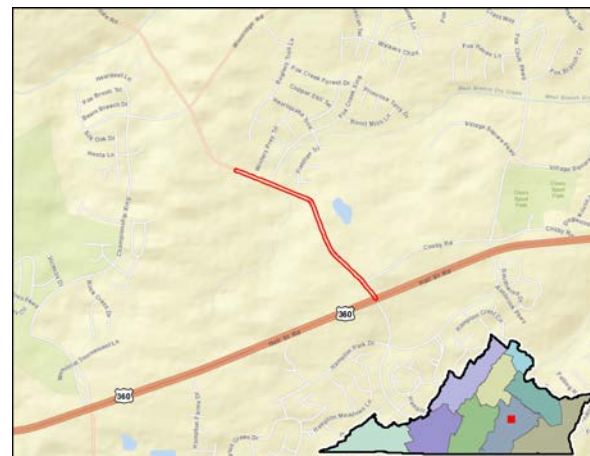
For more information on how to read a scorecard, click [here](#).

Otterdale Rd (Rt 360 to north of Foxcreek Crossing) Widening

App Id: 1290

Widen Otterdale Road from two lanes to four lanes between Route 360 and Woolridge Road.

Project Location..... Chesterfield County  
SMART SCALE Area Type..... B  
Submitting Entity..... Chesterfield County  
Preliminary Engineering..... Underway  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... Locality  
Eligible Funding Program(s)..... District Grant  
VTrans Need..... Chesterfield Designated Growth Area  
( [Click for details](#) )



**2.7**

SMART SCALE  
SCORE

**#192** OF 404 STATEWIDE

**#44** OF 72 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$9,220,000**

Total Project Cost..... **\$19,220,000**

Project Benefit..... **2.5**

Project Benefit / Total Cost..... **1.3**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                    |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted             | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 2.8<br>persons                            | 24.0<br>person hrs.            | 12.0<br>EPDO                          | 1,079.8<br>EPDO / 100M VMT               | 19.7<br>jobs per resident  | 20.3<br>jobs per resident                                | 4.1<br>adjusted users                           | 1,116,205.6<br>thousand adj sq. ft.                        | 1,504.6<br>thousand adj daily tons | 933,483.1<br>adj. buffer time index    | 5.5<br>adjusted points           | 2.1<br>scaled points                                     | 7,193.7<br>adjusted jobs & pop.                      |
| Normalized Measure Value (0-100)                               | 0.0                                       | 0.7                            | 3.7                                   | 5.6                                      | 0.7                        | 0.8                                                      | 0.0                                             | 4.0                                                        | 0.1                                | 0.1                                    | 0.0                              | 4.1                                                      | 6.4                                                  |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 0.4                                       |                                | 4.6                                   |                                          | 0.6                        |                                                          |                                                 | 2.4                                                        |                                    |                                        | 2.1                              |                                                          | 6.4                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 20%                                   |                                          | 25%                        |                                                          |                                                 | 20%                                                        |                                    |                                        | 10%                              |                                                          | 10%                                                  |
| Weighted Factor Value                                          | 0.1                                       |                                | 0.9                                   |                                          | 0.2                        |                                                          |                                                 | 0.5                                                        |                                    |                                        | 0.2                              |                                                          | 0.6                                                  |
| Project Benefit                                                | 2.5                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$9,220,000                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 2.7                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

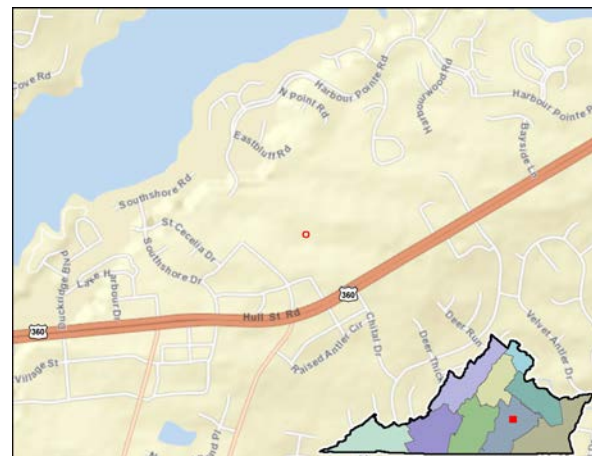
For more information on how to read a scorecard, click [here](#).

Park and Ride Lot - US 360 at Chital Drive

App Id: 1294

Construct a 152 space park and ride lot on Chesterfield County property (Chesterfield Career and Technical Center) at US 360 and Chital Drive

Project Location..... Chesterfield County  
SMART SCALE Area Type..... B  
Submitting Entity..... Chesterfield County  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... Locality  
Eligible Funding Program(s)..... Both  
VTrans Need..... Richmond Regional Network  
( [Click for details](#) )



**12.0**

SMART SCALE  
SCORE

**#64**

OF 404 STATEWIDE

**#11**

OF 72 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$1,575,000**

Total Project Cost..... **\$1,575,000**

Project Benefit..... **1.9**

Project Benefit / Total Cost..... **12.0**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                    |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted             | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 36.5<br>persons                           | 36.4<br>person hrs.            | 2.9<br>EPDO                           | 1.0<br>EPDO / 100M VMT                   | 27.7<br>jobs per resident  | 28.2<br>jobs per resident                                | 145.9<br>adjusted users                         | 1,393,902.5<br>thousand adj sq. ft.                        | 2,459.1<br>thousand adj daily tons | 0.0<br>adj. buffer time index          | 91.2<br>adjusted points          | 1.6<br>scaled points                                     | 7,279.5<br>adjusted jobs & pop.                      |
| Normalized Measure Value (0-100)                               | 0.4                                       | 1.1                            | 0.9                                   | 0.0                                      | 1.1                        | 1.1                                                      | 1.0                                             | 4.9                                                        | 0.1                                | 0.0                                    | 0.5                              | 3.2                                                      | 6.4                                                  |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 0.7                                       |                                | 0.4                                   |                                          | 1.0                        |                                                          |                                                 | 3.0                                                        |                                    |                                        | 1.9                              |                                                          | 6.4                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 20%                                   |                                          | 25%                        |                                                          |                                                 | 20%                                                        |                                    |                                        | 10%                              |                                                          | 10%                                                  |
| Weighted Factor Value                                          | 0.1                                       |                                | 0.1                                   |                                          | 0.3                        |                                                          |                                                 | 0.6                                                        |                                    |                                        | 0.2                              |                                                          | 0.6                                                  |
| Project Benefit                                                | 1.9                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$1,575,000                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 12.0                                      |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

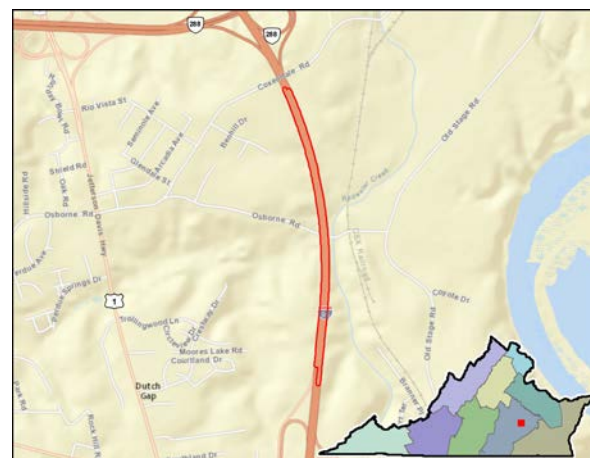
For more information on how to read a scorecard, click here.

I-95 Auxiliary Lanes (nb & sb) between Rte. 288 and Rte. 10

App Id: 1307

The addition of auxiliary lanes on I-95 on both the northbound and southbound travel lanes between Rte. 288 and Rte. 10, or for approximately 1.2 miles.

Project Location..... Chesterfield County  
SMART SCALE Area Type..... B  
Submitting Entity..... Richmond Regional Transportation Planning Organization  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... High Priority  
VTrans Need..... Richmond Regional Network  
( Click for details )



**7.3**

SMART SCALE  
SCORE

**#102** OF 404 STATEWIDE

**#20** OF 72 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$28,770,000**

Total Project Cost..... **\$28,770,000**

Project Benefit..... **21.1**

Project Benefit / Total Cost..... **7.3**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility                |                                                          |                                                 | Economic Development                                       |                                      |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|------------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs   | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted               | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 4,367.4<br>persons                        | 358.3<br>person hrs.           | 9.2<br>EPDO                           | 40.9<br>EPDO / 100M VMT                  | 1,463.8<br>jobs per resident | 1,488.0<br>jobs per resident                             | 0.0<br>adjusted users                           | 5,041,611.5<br>thousand adj sq. ft.                        | 364,368.3<br>thousand adj daily tons | 8,126,000.6<br>adj. buffer time index  | 1,723.2<br>adjusted points       | 16.2<br>scaled points                                    | 4,848.8<br>adjusted jobs & pop.                      |
| Normalized Measure Value (0-100)                               | 43.1                                      | 11.0                           | 2.8                                   | 0.2                                      | 55.8                         | 56.6                                                     | 0.0                                             | 17.9                                                       | 21.5                                 | 0.6                                    | 10.1                             | 31.4                                                     | 4.3                                                  |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                          | 20%                                                      | 20%                                             | 60%                                                        | 20%                                  | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 27.1                                      |                                | 1.5                                   |                                          | 44.8                         |                                                          |                                                 | 15.2                                                       |                                      |                                        | 20.7                             |                                                          | 4.3                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 20%                                   |                                          | 25%                          |                                                          |                                                 | 20%                                                        |                                      |                                        | 10%                              |                                                          | 10%                                                  |
| Weighted Factor Value                                          | 4.1                                       |                                | 0.3                                   |                                          | 11.2                         |                                                          |                                                 | 3.0                                                        |                                      |                                        | 2.1                              |                                                          | 0.4                                                  |
| Project Benefit                                                | 21.1                                      |                                |                                       |                                          |                              |                                                          |                                                 |                                                            |                                      |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$28,770,000                              |                                |                                       |                                          |                              |                                                          |                                                 |                                                            |                                      |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 7.3                                       |                                |                                       |                                          |                              |                                                          |                                                 |                                                            |                                      |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

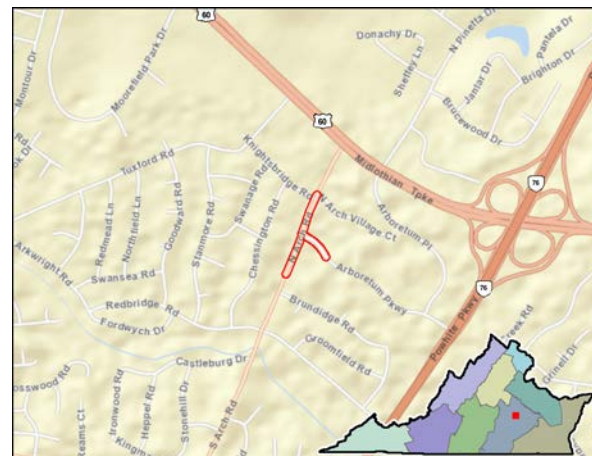
For more information on how to read a scorecard, click [here](#).

Arch Road Roundabout

App Id: 1308

Construct single lane roundabout at Arch Rd./Arboretum Pkwy. and widen Arch Road from south of Route 60 to Knightsbridge Road approximately 600'.

Project Location..... Chesterfield County  
SMART SCALE Area Type..... B  
Submitting Entity..... Chesterfield County  
Preliminary Engineering..... Underway  
Right of Way..... Underway  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... Locality  
Eligible Funding Program(s)..... District Grant  
VTrans Need..... Safety: Crash History and Geometric Issue  
( [Click for details](#) )



**5.6**

SMART SCALE  
SCORE

**#130** OF 404 STATEWIDE

**#25** OF 72 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$1,943,650**

Total Project Cost..... **\$4,533,650**

Project Benefit..... **1.1**

Project Benefit / Total Cost..... **2.4**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 0.0<br>persons                            | 5.2<br>person hrs.             | 0.0<br>EPDO                           | 0.0<br>EPDO / 100M VMT                   | 3.8<br>jobs per resident   | 3.8<br>jobs per resident                                 | 0.0<br>adjusted users                           | 418,245.0<br>thousand adj sq. ft.                          | 0.0<br>thousand adj daily tons | 309,263.7<br>adj. buffer time index    | 0.0<br>adjusted points           | 0.9<br>scaled points                                     | 8,842.1<br>adjusted jobs & pop.                      |
| Normalized Measure Value (0-100)                               | 0.0                                       | 0.2                            | 0.0                                   | 0.0                                      | 0.1                        | 0.1                                                      | 0.0                                             | 1.5                                                        | 0.0                            | 0.0                                    | 0.0                              | 1.8                                                      | 7.8                                                  |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 0.1                                       |                                | 0.0                                   |                                          | 0.1                        |                                                          |                                                 | 0.9                                                        |                                |                                        | 0.9                              |                                                          | 7.8                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 20%                                   |                                          | 25%                        |                                                          |                                                 | 20%                                                        |                                |                                        | 10%                              |                                                          | 10%                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.0                                   |                                          | 0.0                        |                                                          |                                                 | 0.2                                                        |                                |                                        | 0.1                              |                                                          | 0.8                                                  |
| Project Benefit                                                | 1.1                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$1,943,650                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 5.6                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |



# PROJECT SCORECARD

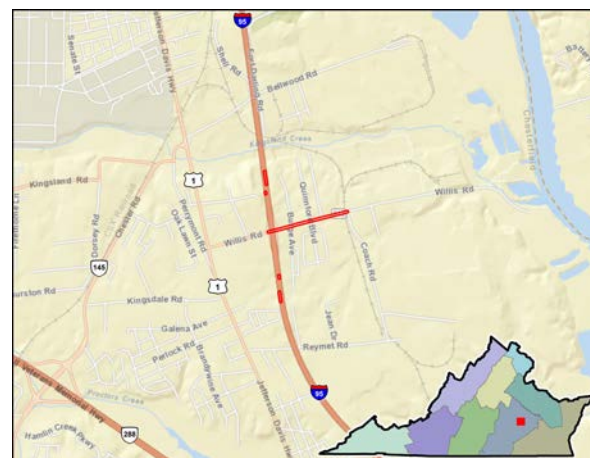
For more information on how to read a scorecard, click [here](#).

I-95/Willis Road Interchange Improvement - Roundabout

App Id: 1313

Reconstruct I-95/Willis Road Interchange - Roundabout Configuration

Project Location..... Chesterfield County  
 SMART SCALE Area Type..... B  
 Submitting Entity..... Chesterfield County  
 Preliminary Engineering..... Underway  
 Right of Way..... Not Started  
 Construction..... Not Started  
 Expenditures to Date..... N/A  
 Key Fund Sources..... N/A  
 Administered By..... VDOT  
 Eligible Funding Program(s)..... Both  
 VTrans Need..... Richmond Regional Network  
 ( Click for details )



**2.2**

SMART SCALE  
SCORE

**#209** OF 404 STATEWIDE

**#47** OF 72 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$42,621,130**

Total Project Cost..... **\$47,621,130**

Project Benefit..... **9.5**

Project Benefit / Total Cost..... **2.0**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                      |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted               | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 1,854.2<br>persons                        | 148.5<br>person hrs.           | 58.4<br>EPDO                          | 252.8<br>EPDO / 100M VMT                 | 66.3<br>jobs per resident  | 67.5<br>jobs per resident                                | 0.0<br>adjusted users                           | 6,082,215.2<br>thousand adj sq. ft.                        | 506,271.5<br>thousand adj daily tons | 9,545,267.9<br>adj. buffer time index  | 1,707.9<br>adjusted points       | 7.8<br>scaled points                                     | 3,372.3<br>adjusted jobs & pop.                      |
| Normalized Measure Value (0-100)                               | 18.3                                      | 4.6                            | 17.8                                  | 1.3                                      | 2.5                        | 2.6                                                      | 0.0                                             | 21.6                                                       | 29.9                                 | 0.7                                    | 10.0                             | 15.1                                                     | 3.0                                                  |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                  | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 11.4                                      |                                | 9.5                                   |                                          | 2.0                        |                                                          |                                                 | 19.1                                                       |                                      |                                        | 12.5                             |                                                          | 3.0                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 20%                                   |                                          | 25%                        |                                                          |                                                 | 20%                                                        |                                      |                                        | 10%                              |                                                          | 10%                                                  |
| Weighted Factor Value                                          | 1.7                                       |                                | 1.9                                   |                                          | 0.5                        |                                                          |                                                 | 3.8                                                        |                                      |                                        | 1.3                              |                                                          | 0.3                                                  |
| Project Benefit                                                | 9.5                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                      |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$42,621,130                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                      |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 2.2                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                      |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

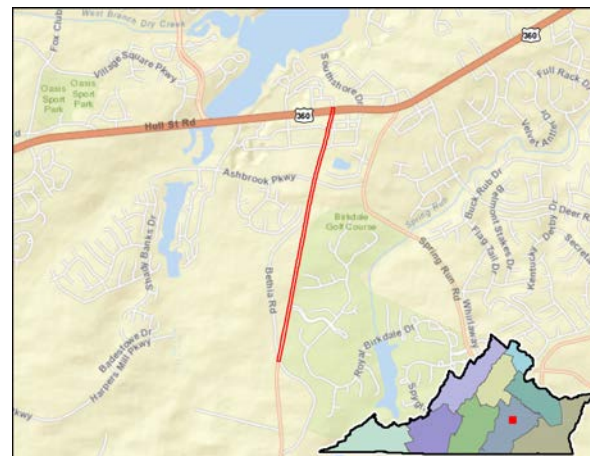
For more information on how to read a scorecard, click [here](#).

Winterpock Rd (Rt 360-0.25 mi S of Royal Birkdale) Widening

App Id: 1314

Widen Winterpock Road from Route 360 to 0.25 mile south of Royal Birkdale Pkwy.

Project Location..... Chesterfield County  
SMART SCALE Area Type..... B  
Submitting Entity..... Chesterfield County  
Preliminary Engineering..... Underway  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... Locality  
Eligible Funding Program(s)..... Both  
VTrans Need..... Richmond Regional Network  
( [Click for details](#) )



**2.2**

SMART SCALE  
SCORE

**#211** OF 404 STATEWIDE

**#49** OF 72 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$12,581,000**

Total Project Cost..... **\$16,000,000**

Project Benefit..... **2.8**

Project Benefit / Total Cost..... **1.7**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                    |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted             | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 57.9<br>persons                           | 89.1<br>person hrs.            | 25.9<br>EPDO                          | 381.8<br>EPDO / 100M VMT                 | 11.6<br>jobs per resident  | 11.8<br>jobs per resident                                | 231.4<br>adjusted users                         | 768,546.7<br>thousand adj sq. ft.                          | 3,235.6<br>thousand adj daily tons | 16,214,921.4<br>adj. buffer time index | 231.4<br>adjusted points         | 2.4<br>scaled points                                     | 7,637.4<br>adjusted jobs & pop.                      |
| Normalized Measure Value (0-100)                               | 0.6                                       | 2.7                            | 7.9                                   | 2.0                                      | 0.4                        | 0.5                                                      | 1.6                                             | 2.7                                                        | 0.2                                | 1.2                                    | 1.4                              | 4.6                                                      | 6.7                                                  |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 1.7                                       |                                | 4.9                                   |                                          | 0.7                        |                                                          |                                                 | 1.9                                                        |                                    |                                        | 3.0                              |                                                          | 6.7                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 20%                                   |                                          | 25%                        |                                                          |                                                 | 20%                                                        |                                    |                                        | 10%                              |                                                          | 10%                                                  |
| Weighted Factor Value                                          | 0.2                                       |                                | 1.0                                   |                                          | 0.2                        |                                                          |                                                 | 0.4                                                        |                                    |                                        | 0.3                              |                                                          | 0.7                                                  |
| Project Benefit                                                | 2.8                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$12,581,000                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 2.2                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

For more information on how to read a scorecard, click here.

Cogbill/Hopkins/Chippenham - Park and Ride Lot

App Id: 1318

Construct a 142 space park and ride lot on Chesterfield County property (Fulghum Center) at Cogbill/Hopkins/Chippenham

Project Location..... Chesterfield County  
 SMART SCALE Area Type..... B  
 Submitting Entity..... Chesterfield County  
 Preliminary Engineering..... Not Started  
 Right of Way..... Not Started  
 Construction..... Not Started  
 Expenditures to Date..... N/A  
 Key Fund Sources..... N/A  
 Administered By..... Locality  
 Eligible Funding Program(s)..... Both  
 VTrans Need..... Richmond Regional Network  
 ( Click for details )



**6.5**

SMART SCALE  
SCORE

**#114** OF 404 STATEWIDE

**#21** OF 72 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$2,945,000**

Total Project Cost..... **\$2,945,000**

Project Benefit..... **1.9**

Project Benefit / Total Cost..... **6.5**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                    |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted             | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 39.5<br>persons                           | 31.2<br>person hrs.            | 6.5<br>EPDO                           | 0.5<br>EPDO / 100M VMT                   | 25.9<br>jobs per resident  | 26.3<br>jobs per resident                                | 197.4<br>adjusted users                         | 50,357.5<br>thousand adj sq. ft.                           | 6,568.7<br>thousand adj daily tons | 0.0<br>adj. buffer time index          | 751.5<br>adjusted points         | 1.7<br>scaled points                                     | 10,661.4<br>adjusted jobs & pop.                     |
| Normalized Measure Value (0-100)                               | 0.4                                       | 1.0                            | 2.0                                   | 0.0                                      | 1.0                        | 1.0                                                      | 1.3                                             | 0.2                                                        | 0.4                                | 0.0                                    | 4.4                              | 3.2                                                      | 9.4                                                  |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 0.7                                       |                                | 1.0                                   |                                          | 1.1                        |                                                          |                                                 | 0.2                                                        |                                    |                                        | 3.8                              |                                                          | 9.4                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 20%                                   |                                          | 25%                        |                                                          |                                                 | 20%                                                        |                                    |                                        | 10%                              |                                                          | 10%                                                  |
| Weighted Factor Value                                          | 0.1                                       |                                | 0.2                                   |                                          | 0.3                        |                                                          |                                                 | 0.0                                                        |                                    |                                        | 0.4                              |                                                          | 0.9                                                  |
| Project Benefit                                                | 1.9                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$2,945,000                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 6.5                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

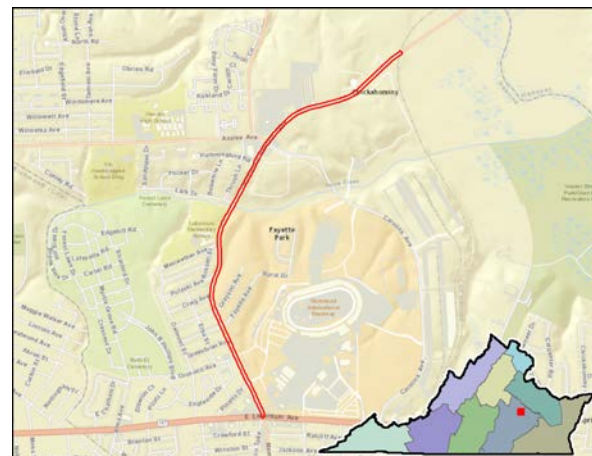
For more information on how to read a scorecard, click here.

Richmond-Henrico Turnpike Improvements

App Id: 1321

Widening Richmond-Henrico Turnpike from the intersection of Laburnum Avenue to approximately 0.7 miles north of Azalea Avenue from 2 lanes to 4 lanes with sidewalks, shared use path, and signal upgrades.

Project Location..... Henrico County  
SMART SCALE Area Type..... B  
Submitting Entity..... Henrico County  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... Locality  
Eligible Funding Program(s)..... Both  
VTrans Need..... Richmond Regional Network  
( Click for details )



**3.4**

SMART SCALE  
SCORE

**#166** OF 404 STATEWIDE

**#35** OF 72 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$12,387,000**

Total Project Cost..... **\$30,008,000**

Project Benefit..... **4.2**

Project Benefit / Total Cost..... **1.4**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                    |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted             | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 379.2<br>persons                          | 105.8<br>person hrs.           | 20.4<br>EPDO                          | 258.4<br>EPDO / 100M VMT                 | 34.3<br>jobs per resident  | 33.6<br>jobs per resident                                | 138.7<br>adjusted users                         | 4,537,500.0<br>thousand adj sq. ft.                        | 7,640.6<br>thousand adj daily tons | 7,545,201.6<br>adj. buffer time index  | 145.9<br>adjusted points         | 3.6<br>scaled points                                     | 2,997.0<br>adjusted jobs & pop.                      |
| Normalized Measure Value (0-100)                               | 3.7                                       | 3.3                            | 6.2                                   | 1.3                                      | 1.3                        | 1.3                                                      | 0.9                                             | 16.1                                                       | 0.5                                | 0.6                                    | 0.9                              | 7.0                                                      | 2.6                                                  |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 3.5                                       |                                | 3.8                                   |                                          | 1.2                        |                                                          |                                                 | 9.9                                                        |                                    |                                        | 3.9                              |                                                          | 2.6                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 20%                                   |                                          | 25%                        |                                                          |                                                 | 20%                                                        |                                    |                                        | 10%                              |                                                          | 10%                                                  |
| Weighted Factor Value                                          | 0.5                                       |                                | 0.8                                   |                                          | 0.3                        |                                                          |                                                 | 2.0                                                        |                                    |                                        | 0.4                              |                                                          | 0.3                                                  |
| Project Benefit                                                | 4.2                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$12,387,000                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 3.4                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |



# PROJECT SCORECARD

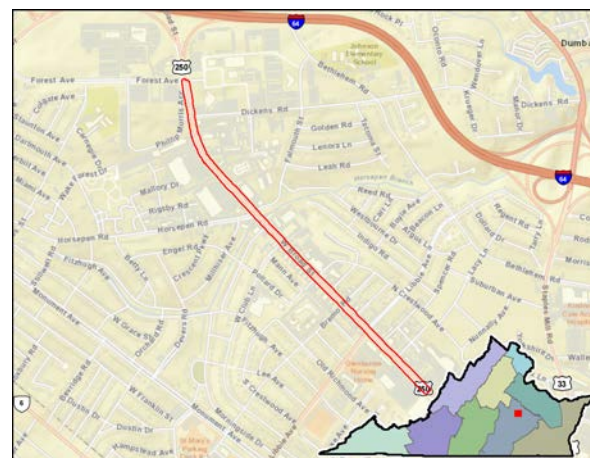
For more information on how to read a scorecard, click [here](#).

Broad Street Pedestrian and Transit Stop Improvements

App Id: 1322

Improve multimodal function, transit access, and handicap accessibility along Broad Street between Forest Avenue & Willow Lawn Drive by adding missing sidewalk, ADA accessible ramps, and bus stop amenities along the 1.6 mile project corridor.

Project Location..... Henrico County  
SMART SCALE Area Type..... B  
Submitting Entity..... Henrico County  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... Both  
VTrans Need..... East-West CoSS  
( Click for details )



**44.6**

SMART SCALE  
SCORE

**#21**

OF 404 STATEWIDE

**#2**

OF 72 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$1,367,000**

Total Project Cost..... **\$1,367,000**

Project Benefit..... **6.1**

Project Benefit / Total Cost..... **44.6**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                      |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted               | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 635.6<br>persons                          | 67.9<br>person hrs.            | 28.1<br>EPDO                          | 7.5<br>EPDO / 100M VMT                   | 0.0<br>jobs per resident   | 0.0<br>jobs per resident                                 | 3,178.1<br>adjusted users                       | 0.0<br>thousand adj sq. ft.                                | 154,188.7<br>thousand adj daily tons | 0.0<br>adj. buffer time index          | 1,906.9<br>adjusted points       | 5.2<br>scaled points                                     | 23,724.4<br>adjusted jobs & pop.                     |
| Normalized Measure Value (0-100)                               | 6.3                                       | 2.1                            | 8.6                                   | 0.0                                      | 0.0                        | 0.0                                                      | 21.7                                            | 0.0                                                        | 9.1                                  | 0.0                                    | 11.1                             | 10.2                                                     | 21.0                                                 |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                  | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 4.2                                       |                                | 4.3                                   |                                          | 4.3                        |                                                          |                                                 | 1.8                                                        |                                      |                                        | 10.7                             |                                                          | 21.0                                                 |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 20%                                   |                                          | 25%                        |                                                          |                                                 | 20%                                                        |                                      |                                        | 10%                              |                                                          | 10%                                                  |
| Weighted Factor Value                                          | 0.6                                       |                                | 0.9                                   |                                          | 1.1                        |                                                          |                                                 | 0.4                                                        |                                      |                                        | 1.1                              |                                                          | 2.1                                                  |
| Project Benefit                                                | 6.1                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                      |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$1,367,000                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                      |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 44.6                                      |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                      |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

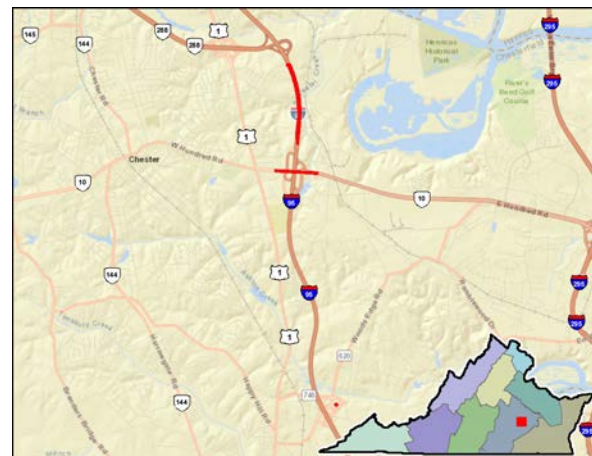
For more information on how to read a scorecard, click here.

I-95/10 Interchange - Signalize Ramps, Aux.Lanes,PNR Exit 58

App Id: 1323

I-95/Rt. 10 Interchange, Phase II - Remove Loops, Signalize Ramps, NB & SB I-95 Auxiliary Lanes between Route 10 and Route 288, Construct 249 Space Park and Ride Lot at I-95/Woods Edge interchange (Exit 58).

Project Location..... Chesterfield County  
SMART SCALE Area Type..... B  
Submitting Entity..... Chesterfield County  
Preliminary Engineering..... Underway  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... Locality  
Eligible Funding Program(s)..... Both  
VTrans Need..... Washington to North Carolina CoSS  
( Click for details )



**2.2**

SMART SCALE  
SCORE

**#213** OF 404 STATEWIDE

**#50** OF 72 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$52,543,000**

Total Project Cost..... **\$52,543,000**

Project Benefit..... **11.4**

Project Benefit / Total Cost..... **2.2**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                      |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted               | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 4,140.9<br>persons                        | 449.5<br>person hrs.           | 17.0<br>EPDO                          | 1.4<br>EPDO / 100M VMT                   | 110.0<br>jobs per resident | 112.6<br>jobs per resident                               | 298.8<br>adjusted users                         | 5,585,029.1<br>thousand adj sq. ft.                        | 713,131.7<br>thousand adj daily tons | 90,286,990.9<br>adj. buffer time index | 1,836.3<br>adjusted points       | 5.5<br>scaled points                                     | 5,221.4<br>adjusted jobs & pop.                      |
| Normalized Measure Value (0-100)                               | 40.9                                      | 13.8                           | 5.2                                   | 0.0                                      | 4.2                        | 4.3                                                      | 2.0                                             | 19.8                                                       | 42.1                                 | 6.6                                    | 10.7                             | 10.7                                                     | 4.6                                                  |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                  | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 27.3                                      |                                | 2.6                                   |                                          | 3.8                        |                                                          |                                                 | 21.6                                                       |                                      |                                        | 10.7                             |                                                          | 4.6                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 20%                                   |                                          | 25%                        |                                                          |                                                 | 20%                                                        |                                      |                                        | 10%                              |                                                          | 10%                                                  |
| Weighted Factor Value                                          | 4.1                                       |                                | 0.5                                   |                                          | 0.9                        |                                                          |                                                 | 4.3                                                        |                                      |                                        | 1.1                              |                                                          | 0.5                                                  |
| Project Benefit                                                | 11.4                                      |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                      |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$52,543,000                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                      |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 2.2                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                      |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

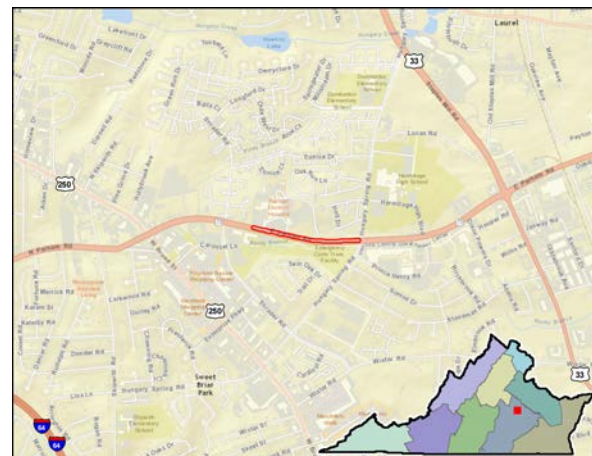
For more information on how to read a scorecard, click [here](#).

Parham Road Pedestrian and Transit Stop Improvements

App Id: 1325

Improve multimodal function, transit access, and handicap accessibility along Parham Road by adding missing sidewalk, ADA accessible ramps, and bus stop amenities along the 0.45 mile project corridor.

Project Location..... Henrico County  
SMART SCALE Area Type..... B  
Submitting Entity..... Henrico County  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... Locality  
Eligible Funding Program(s)..... Both  
VTrans Need..... Richmond Regional Network  
( [Click for details](#) )



**27.1**

SMART SCALE  
SCORE

**#40**

OF 404 STATEWIDE

**#6**

OF 72 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$425,000**

Total Project Cost..... **\$500,000**

Project Benefit..... **1.2**

Project Benefit / Total Cost..... **23.1**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                     |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|-------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted              | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 98.8<br>persons                           | 0.0<br>person hrs.             | 5.1<br>EPDO                           | 3.9<br>EPDO / 100M VMT                   | 8.9<br>jobs per resident   | 9.1<br>jobs per resident                                 | 493.9<br>adjusted users                         | 0.0<br>thousand adj sq. ft.                                | 49,435.9<br>thousand adj daily tons | 0.0<br>adj. buffer time index          | 296.3<br>adjusted points         | 1.0<br>scaled points                                     | 4,385.6<br>adjusted jobs & pop.                      |
| Normalized Measure Value (0-100)                               | 1.0                                       | 0.0                            | 1.6                                   | 0.0                                      | 0.3                        | 0.3                                                      | 3.4                                             | 0.0                                                        | 2.9                                 | 0.0                                    | 1.7                              | 1.9                                                      | 3.9                                                  |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                 | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 0.5                                       |                                | 0.8                                   |                                          | 0.9                        |                                                          |                                                 | 0.6                                                        |                                     |                                        | 1.8                              |                                                          | 3.9                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 20%                                   |                                          | 25%                        |                                                          |                                                 | 20%                                                        |                                     |                                        | 10%                              |                                                          | 10%                                                  |
| Weighted Factor Value                                          | 0.1                                       |                                | 0.2                                   |                                          | 0.2                        |                                                          |                                                 | 0.1                                                        |                                     |                                        | 0.2                              |                                                          | 0.4                                                  |
| Project Benefit                                                | 1.2                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$425,000                                 |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 27.1                                      |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |



# PROJECT SCORECARD

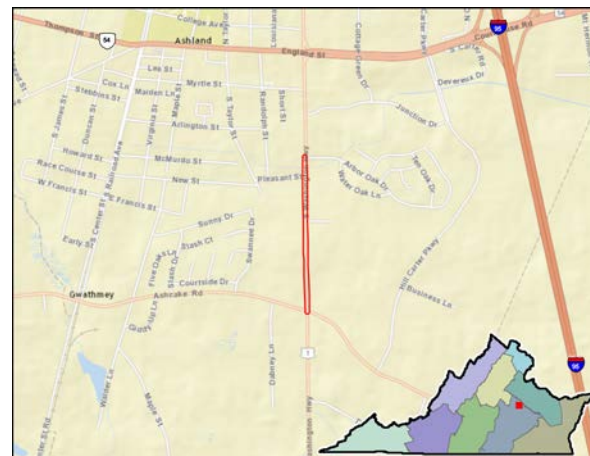
For more information on how to read a scorecard, click [here](#).

RTE 1 ARBOR OAK TO ASHCAKE

App Id: 1372

Design and build Route 1 improvements to make it a 4 lane divided system with medians, turn lanes, and sidewalks.

Project Location..... Ashland Town  
SMART SCALE Area Type..... B  
Submitting Entity..... Ashland Town  
Preliminary Engineering..... Underway  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... Both  
VTrans Need..... Washington to North Carolina CoSS  
( Click for details )



**2.4**

SMART SCALE  
SCORE

**#203** OF 404 STATEWIDE

**#46** OF 72 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$8,228,528**

Total Project Cost..... **\$8,800,000**

Project Benefit..... **1.9**

Project Benefit / Total Cost..... **2.2**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                     |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|-------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted              | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 17.1<br>persons                           | 0.0<br>person hrs.             | 2.3<br>EPDO                           | 100.9<br>EPDO / 100M VMT                 | 5.6<br>jobs per resident   | 5.4<br>jobs per resident                                 | 25.7<br>adjusted users                          | 2,908,468.0<br>thousand adj sq. ft.                        | 33,813.8<br>thousand adj daily tons | 1,290,700.1<br>adj. buffer time index  | 34.2<br>adjusted points          | 1.6<br>scaled points                                     | 2,959.3<br>adjusted jobs & pop.                      |
| Normalized Measure Value (0-100)                               | 0.2                                       | 0.0                            | 0.7                                   | 0.5                                      | 0.2                        | 0.2                                                      | 0.2                                             | 10.3                                                       | 2.0                                 | 0.1                                    | 0.2                              | 3.2                                                      | 2.6                                                  |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                 | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 0.1                                       |                                | 0.6                                   |                                          | 0.2                        |                                                          |                                                 | 6.6                                                        |                                     |                                        | 1.7                              |                                                          | 2.6                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 20%                                   |                                          | 25%                        |                                                          |                                                 | 20%                                                        |                                     |                                        | 10%                              |                                                          | 10%                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.1                                   |                                          | 0.1                        |                                                          |                                                 | 1.3                                                        |                                     |                                        | 0.2                              |                                                          | 0.3                                                  |
| Project Benefit                                                | 1.9                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$8,228,528                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 2.4                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |



# PROJECT SCORECARD

For more information on how to read a scorecard, click [here](#).

Route 106 at I-64 Overpass and Intersection Improvements

App Id: 1401

The proposed project consists of widening the Route 106 at I-64 (Exit 211) Bridge Overpass and adjacent roadway segments to a three-lane typical section as well as improvements to the I-64 Off/On-Ramp intersections.

Project Location..... New Kent County  
 SMART SCALE Area Type..... B  
 Submitting Entity..... New Kent County  
 Preliminary Engineering..... Not Started  
 Right of Way..... Not Started  
 Construction..... Not Started  
 Expenditures to Date..... N/A  
 Key Fund Sources..... N/A  
 Administered By..... VDOT  
 Eligible Funding Program(s)..... Both  
 VTrans Need..... Richmond Regional Network  
 ( Click for details )



**1.2**

SMART SCALE  
SCORE

**#270** OF 404 STATEWIDE

**#62** OF 72 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$11,630,600**

Total Project Cost..... **\$11,630,600**

Project Benefit..... **1.4**

Project Benefit / Total Cost..... **1.2**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                    |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted             | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 184.2<br>persons                          | 91.3<br>person hrs.            | 0.0<br>EPDO                           | 0.0<br>EPDO / 100M VMT                   | 0.3<br>jobs per resident   | 0.3<br>jobs per resident                                 | 0.0<br>adjusted users                           | 1,940,550.0<br>thousand adj sq. ft.                        | 3,449.3<br>thousand adj daily tons | 103,554.9<br>adj. buffer time index    | 0.0<br>adjusted points           | 1.2<br>scaled points                                     | 1,217.1<br>adjusted jobs & pop.                      |
| Normalized Measure Value (0-100)                               | 1.8                                       | 2.8                            | 0.0                                   | 0.0                                      | 0.0                        | 0.0                                                      | 0.0                                             | 6.9                                                        | 0.2                                | 0.0                                    | 0.0                              | 2.4                                                      | 1.1                                                  |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 2.3                                       |                                | 0.0                                   |                                          | 0.0                        |                                                          |                                                 | 4.2                                                        |                                    |                                        | 1.2                              |                                                          | 1.1                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 20%                                   |                                          | 25%                        |                                                          |                                                 | 20%                                                        |                                    |                                        | 10%                              |                                                          | 10%                                                  |
| Weighted Factor Value                                          | 0.3                                       |                                | 0.0                                   |                                          | 0.0                        |                                                          |                                                 | 0.8                                                        |                                    |                                        | 0.1                              |                                                          | 0.1                                                  |
| Project Benefit                                                | 1.4                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$11,630,600                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 1.2                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

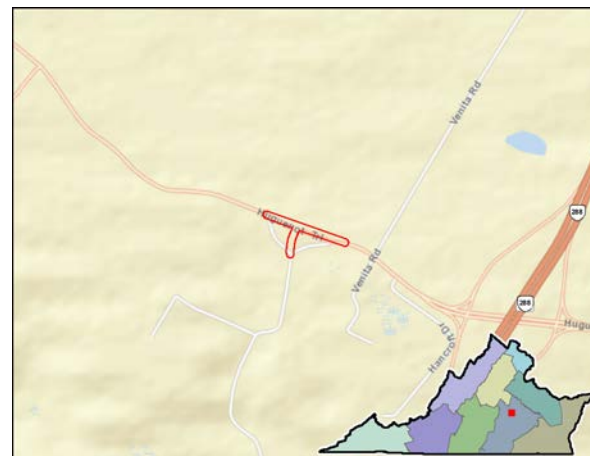
For more information on how to read a scorecard, click here.

Rt. 711 & Rt. 607 Intersection Improvements

App Id: 1439

The project will reconstruct Rt. 711 (0.3 miles west of VA Rt. 288) and realign and combine Rt. 607 and Rt. 721 to form a new intersection with Rt. 711.

Project Location..... Powhatan County  
SMART SCALE Area Type..... B  
Submitting Entity..... Powhatan County  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... District Grant  
VTrans Need..... Rt. 711 Village UDA  
( Click for details )



**11.2**

SMART SCALE  
SCORE

**#67**

OF 404 STATEWIDE

**#12**

OF 72 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$3,313,064**

Total Project Cost..... **\$3,580,773**

Project Benefit..... **3.7**

Project Benefit / Total Cost..... **10.4**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 0.0<br>persons                            | 0.0<br>person hrs.             | 32.4<br>EPDO                          | 4,586.5<br>EPDO / 100M VMT               | 0.0<br>jobs per resident   | 0.0<br>jobs per resident                                 | 0.0<br>adjusted users                           | 100,612.5<br>thousand adj sq. ft.                          | 0.0<br>thousand adj daily tons | 73,539.1<br>adj. buffer time index     | 0.0<br>adjusted points           | 3.2<br>scaled points                                     | 170.5<br>adjusted jobs & pop.                        |
| Normalized Measure Value (0-100)                               | 0.0                                       | 0.0                            | 9.9                                   | 23.7                                     | 0.0                        | 0.0                                                      | 0.0                                             | 0.4                                                        | 0.0                            | 0.0                                    | 0.0                              | 6.1                                                      | 0.2                                                  |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 0.0                                       |                                | 16.8                                  |                                          | 0.0                        |                                                          |                                                 | 0.2                                                        |                                |                                        | 3.1                              |                                                          | 0.2                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 20%                                   |                                          | 25%                        |                                                          |                                                 | 20%                                                        |                                |                                        | 10%                              |                                                          | 10%                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 3.4                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.3                              |                                                          | 0.0                                                  |
| Project Benefit                                                | 3.7                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$3,313,064                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 11.2                                      |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

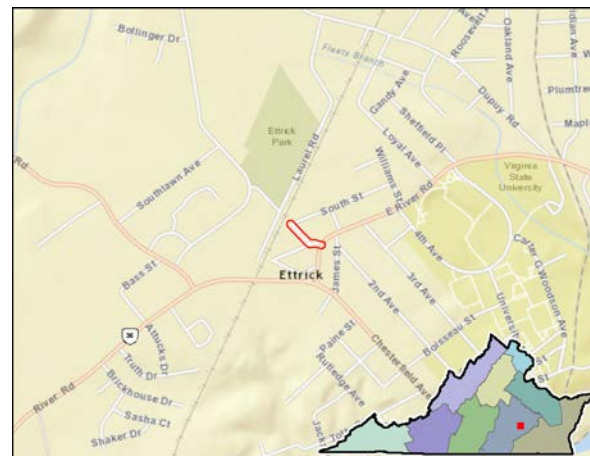
For more information on how to read a scorecard, click here.

Bessie Lane Realignment and Reconstruction

App Id: 1446

Realign Bessie Lane/East River Road intersection with Granger Street and reconstruct the entire length of Bessie Lane from East River Road/Granger Street to the termini.

Project Location..... Chesterfield County  
 SMART SCALE Area Type..... C  
 Submitting Entity..... Chesterfield County  
 Preliminary Engineering..... Not Started  
 Right of Way..... Not Started  
 Construction..... Not Started  
 Expenditures to Date..... N/A  
 Key Fund Sources..... N/A  
 Administered By..... Locality  
 Eligible Funding Program(s)..... Both  
 VTrans Need..... Richmond Regional Network  
 ( Click for details )



**2.2**

SMART SCALE  
SCORE

**#210** OF 404 STATEWIDE

**#48** OF 72 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$1,100,000**

Total Project Cost..... **\$1,100,000**

Project Benefit..... **0.2**

Project Benefit / Total Cost..... **2.2**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                 |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|---------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted          | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 0.9<br>persons                            | 0.0<br>person hrs.             | 0.2<br>EPDO                           | 22.1<br>EPDO / 100M VMT                  | 0.0<br>jobs per resident   | 0.0<br>jobs per resident                                 | 1.3<br>adjusted users                           | 372,037.8<br>thousand adj sq. ft.                          | 64.4<br>thousand adj daily tons | 653,769.8<br>adj. buffer time index    | 4.8<br>adjusted points           | 0.2<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.0                                       | 0.0                            | 0.1                                   | 0.1                                      | 0.0                        | 0.0                                                      | 0.0                                             | 1.3                                                        | 0.0                             | 0.0                                    | 0.0                              | 0.4                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                             | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.0                                       |                                | 0.1                                   |                                          | 0.0                        |                                                          |                                                 | 0.8                                                        |                                 |                                        | 0.2                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 25%                                   |                                          | 25%                        |                                                          |                                                 | 25%                                                        |                                 |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.0                                   |                                          | 0.0                        |                                                          |                                                 | 0.2                                                        |                                 |                                        | 0.0                              |                                                          |                                                      |
| Project Benefit                                                | 0.2                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                 |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$1,100,000                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                 |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 2.2                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                 |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

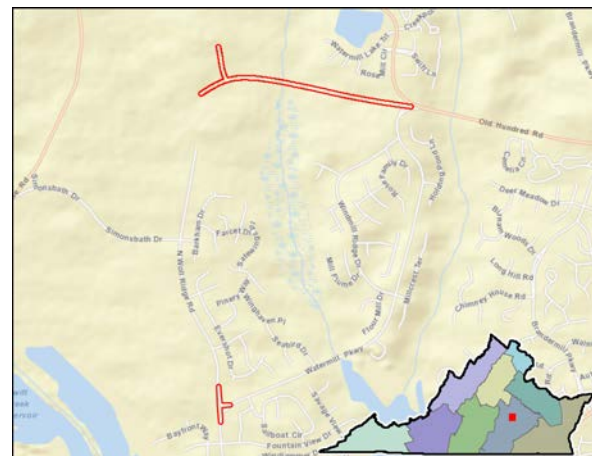
For more information on how to read a scorecard, click [here](#).

Powhite Parkway Extension (Watermill Pkwy. to Woolridge Rd.)

App Id: 1449

Extend Powhite Parkway from Watermill Parkway to Woolridge Road

Project Location..... Chesterfield County  
SMART SCALE Area Type..... B  
Submitting Entity..... Chesterfield County  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... Locality  
Eligible Funding Program(s)..... District Grant  
VTrans Need..... Chesterfield Designated Growth Area  
( [Click for details](#) )



**2.8**

SMART SCALE  
SCORE

**#189** OF 404 STATEWIDE

**#43** OF 72 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$36,000,000**

Total Project Cost..... **\$36,000,000**

Project Benefit..... **10.1**

Project Benefit / Total Cost..... **2.8**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                    |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted             | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 5,161.0<br>persons                        | 1,333.0<br>person hrs.         | 0.0<br>EPDO                           | 0.0<br>EPDO / 100M VMT                   | 0.0<br>jobs per resident   | 0.0<br>jobs per resident                                 | 0.0<br>adjusted users                           | 3,581,640.9<br>thousand adj sq. ft.                        | 3,362.7<br>thousand adj daily tons | 15,927,113.4<br>adj. buffer time index | 0.0<br>adjusted points           | 7.8<br>scaled points                                     | 9,877.9<br>adjusted jobs & pop.                      |
| Normalized Measure Value (0-100)                               | 50.9                                      | 41.0                           | 0.0                                   | 0.0                                      | 0.0                        | 0.0                                                      | 0.0                                             | 12.7                                                       | 0.2                                | 1.2                                    | 0.0                              | 15.2                                                     | 8.7                                                  |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 46.0                                      |                                | 0.0                                   |                                          | 0.0                        |                                                          |                                                 | 7.9                                                        |                                    |                                        | 7.6                              |                                                          | 8.7                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 20%                                   |                                          | 25%                        |                                                          |                                                 | 20%                                                        |                                    |                                        | 10%                              |                                                          | 10%                                                  |
| Weighted Factor Value                                          | 6.9                                       |                                | 0.0                                   |                                          | 0.0                        |                                                          |                                                 | 1.6                                                        |                                    |                                        | 0.8                              |                                                          | 0.9                                                  |
| Project Benefit                                                | 10.1                                      |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$36,000,000                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 2.8                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |



# PROJECT SCORECARD

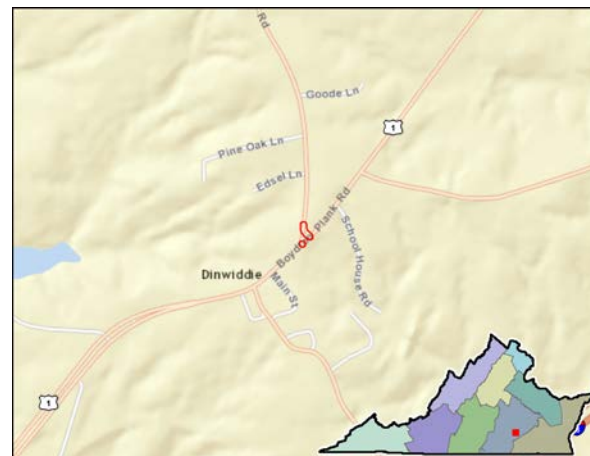
For more information on how to read a scorecard, click [here](#).

Route 1 & Courthouse Rd. (Rt. 627) Intersection Realignment

App Id: 1451

To realign Courthouse Rd. at the intersection of Courthouse Rd. and Route 1. This project is the priority project in the Rural Long Range Transportation Plan, and it is included in the Route 1 and Route 460 Corridor Enhancement Study.

Project Location..... Dinwiddie County  
SMART SCALE Area Type..... D  
Submitting Entity..... Dinwiddie County  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... District Grant  
VTrans Need..... Dinwiddie County Courthouse UDA  
( [Click for details](#) )



**7.5**

SMART SCALE  
SCORE

**#98**

OF 404 STATEWIDE

**#19**

OF 72 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$921,876**

Total Project Cost..... **\$921,876**

Project Benefit..... **0.7**

Project Benefit / Total Cost..... **7.5**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 3.0<br>persons                            | 0.1<br>person hrs.             | 0.9<br>EPDO                           | 572.1<br>EPDO / 100M VMT                 | 0.0<br>jobs per resident   | 0.0<br>jobs per resident                                 | 4.4<br>adjusted users                           | 206,277.0<br>thousand adj sq. ft.                          | 0.0<br>thousand adj daily tons | 0.0<br>adj. buffer time index          | 5.9<br>adjusted points           | 0.5<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.0                                       | 0.0                            | 0.3                                   | 3.0                                      | 0.0                        | 0.0                                                      | 0.0                                             | 0.7                                                        | 0.0                            | 0.0                                    | 0.0                              | 0.9                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.0                                       |                                | 1.6                                   |                                          | 0.0                        |                                                          |                                                 | 0.4                                                        |                                |                                        | 0.5                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 10%                                       |                                | 30%                                   |                                          | 15%                        |                                                          |                                                 | 35%                                                        |                                |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.5                                   |                                          | 0.0                        |                                                          |                                                 | 0.2                                                        |                                |                                        | 0.0                              |                                                          |                                                      |
| Project Benefit                                                | 0.7                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$921,876                                 |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 7.5                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

For more information on how to read a scorecard, click [here](#).

Cedar Level Road Southern Segment

App Id: 1458

Approximately 0.5 miles of major Roadway Reconstruction, Realignment, New Curb & Gutter, Pedestrian and Bicycle Facilities on Cedar Level Road from North Avenue to Cobblestone Parkway.

Project Location..... Hopewell  
SMART SCALE Area Type..... C  
Submitting Entity..... Hopewell City  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... District Grant  
VTrans Need..... Safety: Geometric and Access Issue  
( [Click for details](#) )



**0.3**

SMART SCALE  
SCORE

**#368** OF 404 STATEWIDE

**#71** OF 72 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$11,914,430**

Total Project Cost..... **\$11,914,430**

Project Benefit..... **0.3**

Project Benefit / Total Cost..... **0.3**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                  |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|----------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted           | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 10.6<br>persons                           | 0.0<br>person hrs.             | 2.6<br>EPDO                           | 165.1<br>EPDO / 100M VMT                 | 1.0<br>jobs per resident   | 1.1<br>jobs per resident                                 | 31.7<br>adjusted users                          | 73,500.0<br>thousand adj sq. ft.                           | 596.6<br>thousand adj daily tons | 815,919.5<br>adj. buffer time index    | 42.3<br>adjusted points          | 0.3<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.1                                       | 0.0                            | 0.8                                   | 0.9                                      | 0.0                        | 0.0                                                      | 0.2                                             | 0.3                                                        | 0.0                              | 0.1                                    | 0.2                              | 0.5                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                              | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.1                                       |                                | 0.8                                   |                                          | 0.1                        |                                                          |                                                 | 0.2                                                        |                                  |                                        | 0.4                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 25%                                   |                                          | 25%                        |                                                          |                                                 | 25%                                                        |                                  |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.2                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                  |                                        | 0.0                              |                                                          |                                                      |
| Project Benefit                                                | 0.3                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                  |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$11,914,430                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                  |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 0.3                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                  |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

For more information on how to read a scorecard, click [here](#).

I-95 and South Crater Road - MPO HB2 Priority 2

App Id: 1472

Reconstruct the I-95 NB on-ramp merge fm Route 460(Winfield Rd) to ensure adequate weave distances, merging distances, safety and operations.

Project Location..... Petersburg  
SMART SCALE Area Type..... C  
Submitting Entity..... Tri-Cities Area Metropolitan Planning Organization  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... High Priority  
VTrans Need..... Washington to North Carolina CoSS  
( Click for details )



**1.0**

SMART SCALE  
SCORE

**#279** OF 404 STATEWIDE

**#64** OF 72 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$10,492,110**

Total Project Cost..... **\$10,492,110**

Project Benefit..... **1.1**

Project Benefit / Total Cost..... **1.0**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                    |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted             | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 0.0<br>persons                            | 2.4<br>person hrs.             | 0.8<br>EPDO                           | 41.3<br>EPDO / 100M VMT                  | 0.0<br>jobs per resident   | 0.0<br>jobs per resident                                 | 0.0<br>adjusted users                           | 1,750,000.0<br>thousand adj sq. ft.                        | 5,042.1<br>thousand adj daily tons | 317,002.9<br>adj. buffer time index    | 0.0<br>adjusted points           | 0.8<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.0                                       | 0.1                            | 0.2                                   | 0.2                                      | 0.0                        | 0.0                                                      | 0.0                                             | 6.2                                                        | 0.3                                | 0.0                                    | 0.0                              | 1.5                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.0                                       |                                | 0.2                                   |                                          | 0.0                        |                                                          |                                                 | 3.8                                                        |                                    |                                        | 0.7                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 25%                                   |                                          | 25%                        |                                                          |                                                 | 25%                                                        |                                    |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.1                                   |                                          | 0.0                        |                                                          |                                                 | 0.9                                                        |                                    |                                        | 0.1                              |                                                          |                                                      |
| Project Benefit                                                | 1.1                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$10,492,110                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 1.0                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

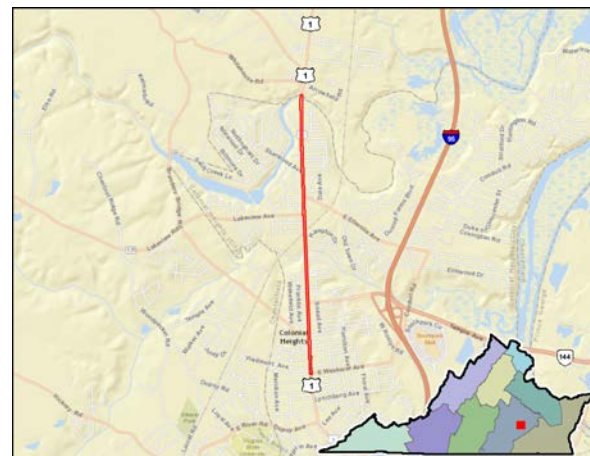
For more information on how to read a scorecard, click [here](#).

Boulevard Modernization Project

App Id: 1475

The project will provide reconstruction of Rt 1 from Westover Ave. north to City limits. It will include 4-11' travel lanes and 1-12' center dual turn lane with 4' dedicated bike lane, upgraded drainage and pedestrian accommodations anticipated.

Project Location..... Colonial Heights  
SMART SCALE Area Type..... C  
Submitting Entity..... Colonial Heights City  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... Locality  
Eligible Funding Program(s)..... Both  
VTrans Need..... Tri-Cities Regional Network  
( [Click for details](#) )



**0.4**

SMART SCALE  
SCORE

**#349** OF 404 STATEWIDE

**#69** OF 72 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$62,989,630**

Total Project Cost..... **\$62,989,630**

Project Benefit..... **2.4**

Project Benefit / Total Cost..... **0.4**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                    |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted             | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 36.5<br>persons                           | 0.0<br>person hrs.             | 40.0<br>EPDO                          | 187.5<br>EPDO / 100M VMT                 | 26.3<br>jobs per resident  | 26.8<br>jobs per resident                                | 182.5<br>adjusted users                         | 148,803.5<br>thousand adj sq. ft.                          | 2,375.0<br>thousand adj daily tons | 44,790,233.1<br>adj. buffer time index | 146.0<br>adjusted points         | 1.8<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.4                                       | 0.0                            | 12.2                                  | 1.0                                      | 1.0                        | 1.0                                                      | 1.2                                             | 0.5                                                        | 0.1                                | 3.3                                    | 0.9                              | 3.5                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.2                                       |                                | 6.6                                   |                                          | 1.1                        |                                                          |                                                 | 1.0                                                        |                                    |                                        | 2.2                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 25%                                   |                                          | 25%                        |                                                          |                                                 | 25%                                                        |                                    |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 1.6                                   |                                          | 0.3                        |                                                          |                                                 | 0.3                                                        |                                    |                                        | 0.2                              |                                                          |                                                      |
| Project Benefit                                                | 2.4                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$62,989,630                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 0.4                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |



# PROJECT SCORECARD

For more information on how to read a scorecard, click here.

Courthouse Road Improvements

App Id: 1479

Courthouse Road Improvements - Major widening, new curb and gutter, sidewalks and drainage improvements within existing 50' City Right-of-Way

Project Location..... Hopewell  
 SMART SCALE Area Type..... C  
 Submitting Entity..... Hopewell City  
 Preliminary Engineering..... Not Started  
 Right of Way..... Not Started  
 Construction..... Not Started  
 Expenditures to Date..... N/A  
 Key Fund Sources..... N/A  
 Administered By..... VDOT  
 Eligible Funding Program(s)..... District Grant  
 VTrans Need..... Safety: Geometric and Access Issue  
 ( Click for details )



**1.2**

SMART SCALE  
SCORE

**#268** OF 404 STATEWIDE

**#61** OF 72 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$11,930,100**

Total Project Cost..... **\$11,930,100**

Project Benefit..... **1.5**

Project Benefit / Total Cost..... **1.2**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                    |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted             | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 10.2<br>persons                           | 0.0<br>person hrs.             | 20.8<br>EPDO                          | 613.0<br>EPDO / 100M VMT                 | 2.7<br>jobs per resident   | 2.7<br>jobs per resident                                 | 51.2<br>adjusted users                          | 168,000.0<br>thousand adj sq. ft.                          | 2,346.6<br>thousand adj daily tons | 3,235,148.7<br>adj. buffer time index  | 51.2<br>adjusted points          | 1.3<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.1                                       | 0.0                            | 6.3                                   | 3.2                                      | 0.1                        | 0.1                                                      | 0.4                                             | 0.6                                                        | 0.1                                | 0.2                                    | 0.3                              | 2.4                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.1                                       |                                | 4.8                                   |                                          | 0.2                        |                                                          |                                                 | 0.4                                                        |                                    |                                        | 1.4                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 25%                                   |                                          | 25%                        |                                                          |                                                 | 25%                                                        |                                    |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 1.2                                   |                                          | 0.0                        |                                                          |                                                 | 0.1                                                        |                                    |                                        | 0.1                              |                                                          |                                                      |
| Project Benefit                                                | 1.5                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$11,930,100                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 1.2                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

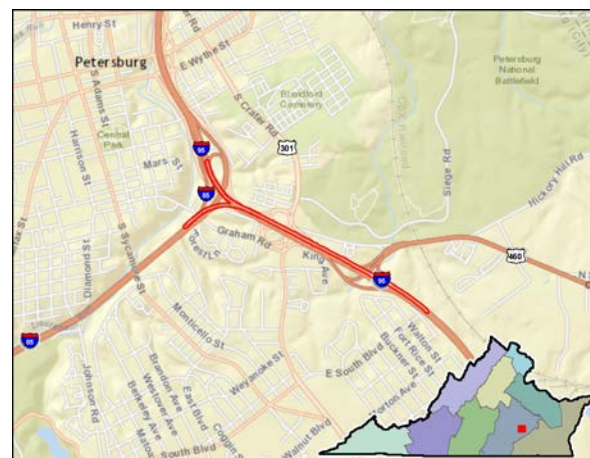
For more information on how to read a scorecard, click here.

I-95 NB to I-85 SB Flyover Ramp - Tri-Cities MPO Priority 3

App Id: 1485

Reconstruct the I-95 NB to I-85 loop ramp to meet current minimum radius (>200' [61 m]) and minimum vertical clearance (16' [4.9m])

Project Location..... Petersburg  
SMART SCALE Area Type..... C  
Submitting Entity..... Tri-Cities Area Metropolitan Planning Organization  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... High Priority  
VTrans Need..... Washington to North Carolina CoSS  
( Click for details )



**0.1**

SMART SCALE  
SCORE

**#391** OF 404 STATEWIDE

**#72** OF 72 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$118,892,210**

Total Project Cost..... **\$118,892,210**

Project Benefit..... **0.7**

Project Benefit / Total Cost..... **0.1**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                      |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted               | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 0.0<br>persons                            | 0.0<br>person hrs.             | 5.1<br>EPDO                           | 125.9<br>EPDO / 100M VMT                 | 0.0<br>jobs per resident   | 0.0<br>jobs per resident                                 | 0.0<br>adjusted users                           | 201,988.4<br>thousand adj sq. ft.                          | 107,339.1<br>thousand adj daily tons | 1,204,576.4<br>adj. buffer time index  | 0.0<br>adjusted points           | 0.4<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.0                                       | 0.0                            | 1.6                                   | 0.7                                      | 0.0                        | 0.0                                                      | 0.0                                             | 0.7                                                        | 6.3                                  | 0.1                                    | 0.0                              | 0.7                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                  | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.0                                       |                                | 1.1                                   |                                          | 0.0                        |                                                          |                                                 | 1.7                                                        |                                      |                                        | 0.4                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 25%                                   |                                          | 25%                        |                                                          |                                                 | 25%                                                        |                                      |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.3                                   |                                          | 0.0                        |                                                          |                                                 | 0.4                                                        |                                      |                                        | 0.0                              |                                                          |                                                      |
| Project Benefit                                                | 0.7                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                      |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$118,892,210                             |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                      |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 0.1                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                      |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

For more information on how to read a scorecard, click [here](#).

I-85 NB to I-95 SB - Tri-Cities MPO HB2 Priority 1

App Id: 1486

Reconstruct the SB I-95 to I-85 off-ramp in the vicinity of Graham Rd to ensure adequate weave distance and improved operations. Includes widening Graham Rd and a ~200 space park & ride lot.

Project Location..... Petersburg  
SMART SCALE Area Type..... C  
Submitting Entity..... Tri-Cities Area Metropolitan Planning Organization  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... High Priority  
VTrans Need..... Washington to North Carolina CoSS  
( Click for details )



**3.6**

SMART SCALE  
SCORE

**#155** OF 404 STATEWIDE

**#31** OF 72 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$17,214,110**

Total Project Cost..... **\$17,414,110**

Project Benefit..... **6.3**

Project Benefit / Total Cost..... **3.6**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                    |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted             | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 3,026.0<br>persons                        | 859.4<br>person hrs.           | 7.4<br>EPDO                           | 0.5<br>EPDO / 100M VMT                   | 36.5<br>jobs per resident  | 37.1<br>jobs per resident                                | 210.0<br>adjusted users                         | 1,768,425.5<br>thousand adj sq. ft.                        | 8,095.2<br>thousand adj daily tons | 654,367.1<br>adj. buffer time index    | 783.9<br>adjusted points         | 2.1<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 29.9                                      | 26.4                           | 2.3                                   | 0.0                                      | 1.4                        | 1.4                                                      | 1.4                                             | 6.3                                                        | 0.5                                | 0.0                                    | 4.6                              | 4.2                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 28.1                                      |                                | 1.1                                   |                                          | 1.4                        |                                                          |                                                 | 3.9                                                        |                                    |                                        | 4.4                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 25%                                   |                                          | 25%                        |                                                          |                                                 | 25%                                                        |                                    |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 4.2                                       |                                | 0.3                                   |                                          | 0.4                        |                                                          |                                                 | 1.0                                                        |                                    |                                        | 0.4                              |                                                          |                                                      |
| Project Benefit                                                | 6.3                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$17,214,110                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 3.6                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |



# PROJECT SCORECARD

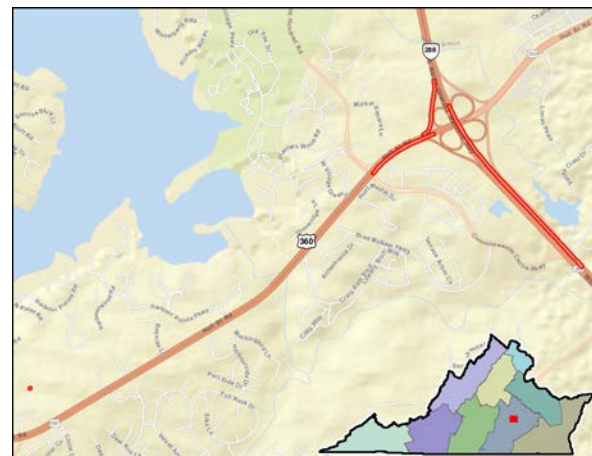
For more information on how to read a scorecard, click [here](#).

SB Rt. 288 to WB US 360 WB Off-Ramp, US 360 PNR Lot

App Id: 1506

Extend the SB Rt. 288 to WB US 360 off-ramp deceleration lane, widen to 2 lanes, and add downstream receiving lane. Construct a 152 space park and ride lot on County property (Chesterfield Career and Technical Center) at US 360 and Chital Drive.

Project Location..... Chesterfield County  
SMART SCALE Area Type..... B  
Submitting Entity..... Chesterfield County  
Preliminary Engineering..... Underway  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... Locality  
Eligible Funding Program(s)..... Both  
VTrans Need..... Richmond Regional Network  
( Click for details )



**8.4**

SMART SCALE  
SCORE

**#92**

OF 404 STATEWIDE

**#17**

OF 72 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$13,242,570**

Total Project Cost..... **\$14,561,500**

Project Benefit..... **11.1**

Project Benefit / Total Cost..... **7.6**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                      |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted               | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 5,840.5<br>persons                        | 263.0<br>person hrs.           | 4.9<br>EPDO                           | 0.8<br>EPDO / 100M VMT                   | 45.3<br>jobs per resident  | 45.9<br>jobs per resident                                | 273.6<br>adjusted users                         | 7,321,065.0<br>thousand adj sq. ft.                        | 233,556.6<br>thousand adj daily tons | 9,697,534.8<br>adj. buffer time index  | 136.8<br>adjusted points         | 9.6<br>scaled points                                     | 10,240.9<br>adjusted jobs & pop.                     |
| Normalized Measure Value (0-100)                               | 57.6                                      | 8.1                            | 1.5                                   | 0.0                                      | 1.7                        | 1.7                                                      | 1.9                                             | 26.0                                                       | 13.8                                 | 0.7                                    | 0.8                              | 18.6                                                     | 9.1                                                  |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                  | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 32.9                                      |                                | 0.7                                   |                                          | 1.8                        |                                                          |                                                 | 18.5                                                       |                                      |                                        | 9.7                              |                                                          | 9.1                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 20%                                   |                                          | 25%                        |                                                          |                                                 | 20%                                                        |                                      |                                        | 10%                              |                                                          | 10%                                                  |
| Weighted Factor Value                                          | 4.9                                       |                                | 0.1                                   |                                          | 0.4                        |                                                          |                                                 | 3.7                                                        |                                      |                                        | 1.0                              |                                                          | 0.9                                                  |
| Project Benefit                                                | 11.1                                      |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                      |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$13,242,570                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                      |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 8.4                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                      |                                        |                                  |                                                          |                                                      |



# PROJECT SCORECARD

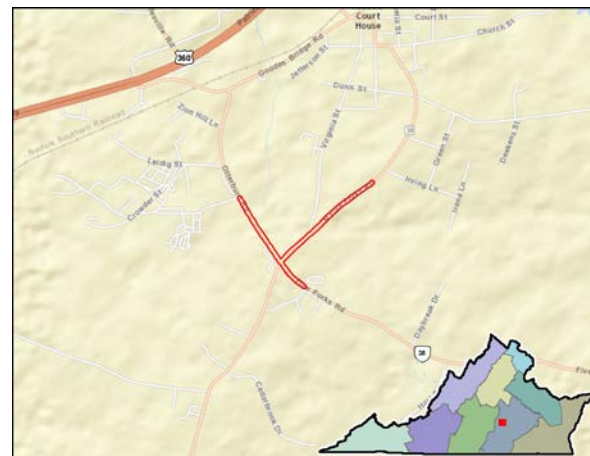
For more information on how to read a scorecard, click [here](#).

Pedestrian Improvements on Route 38 & 614

App Id: 1508

Constructing new sidewalks on Route 38 & 614 to provide pedestrian access to Amelia County's Elementary, Middle and High Schools.

Project Location..... Amelia County  
SMART SCALE Area Type..... D  
Submitting Entity..... Amelia County  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... District Grant  
VTrans Need..... Amelia Courthouse UDA  
( Click for details )



**0.4**

SMART SCALE  
SCORE

**#344** OF 404 STATEWIDE

**#68** OF 72 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$2,435,306**

Total Project Cost..... **\$2,435,306**

Project Benefit..... **0.1**

Project Benefit / Total Cost..... **0.4**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 5.1<br>persons                            | 0.0<br>person hrs.             | 0.4<br>EPDO                           | 52.0<br>EPDO / 100M VMT                  | 6.3<br>jobs per resident   | 6.2<br>jobs per resident                                 | 7.6<br>adjusted users                           | 1,500.0<br>thousand adj sq. ft.                            | 0.0<br>thousand adj daily tons | 0.0<br>adj. buffer time index          | 10.2<br>adjusted points          | 0.1<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.1                                       | 0.0                            | 0.1                                   | 0.3                                      | 0.2                        | 0.2                                                      | 0.1                                             | 0.0                                                        | 0.0                            | 0.0                                    | 0.1                              | 0.2                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.0                                       |                                | 0.2                                   |                                          | 0.2                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.1                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 10%                                       |                                | 30%                                   |                                          | 15%                        |                                                          |                                                 | 35%                                                        |                                |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.1                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.0                              |                                                          |                                                      |
| Project Benefit                                                | 0.1                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$2,435,306                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 0.4                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

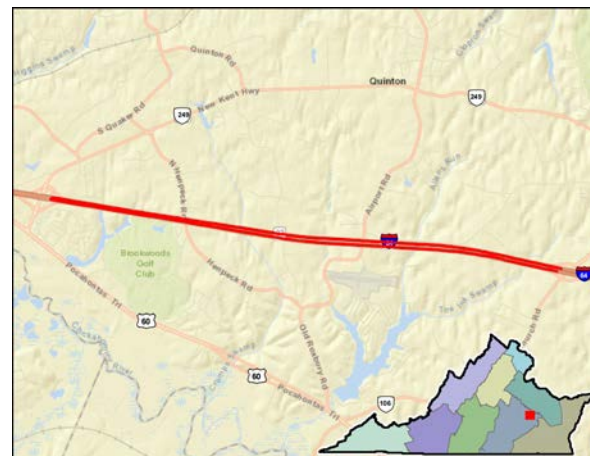
For more information on how to read a scorecard, click [here](#).

I-64 Widening (Exit 205 Bottoms Bridge to Exit 211 Rte. 106)

App Id: 1513

Widen I-64 from 4-Lanes to 6-Lanes (inside, both directions) exit 205-211

Project Location..... New Kent County  
SMART SCALE Area Type..... B  
Submitting Entity..... Richmond Regional Transportation Planning Organization  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... High Priority  
VTrans Need..... Richmond Regional Network  
( Click for details )



## 2.1

SMART SCALE  
SCORE

**#221** OF 404 STATEWIDE

**#52** OF 72 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$107,490,000**

Total Project Cost..... **\$107,490,000**

Project Benefit..... **22.1**

Project Benefit / Total Cost..... **2.1**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                      |                                         | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------------|-----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted               | Improvement to Travel Time Reliability  | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 9,904.1<br>persons                        | 2,558.6<br>person hrs.         | 74.3<br>EPDO                          | 61.3<br>EPDO / 100M VMT                  | 146.0<br>jobs per resident | 147.1<br>jobs per resident                               | 0.0<br>adjusted users                           | 4,372,344.0<br>thousand adj sq. ft.                        | 120,880.0<br>thousand adj daily tons | 146,176,583.3<br>adj. buffer time index | 4,014.0<br>adjusted points       | 16.9<br>scaled points                                    | 433.2<br>adjusted jobs & pop.                        |
| Normalized Measure Value (0-100)                               | 97.7                                      | 78.7                           | 22.6                                  | 0.3                                      | 5.6                        | 5.6                                                      | 0.0                                             | 15.5                                                       | 7.1                                  | 10.7                                    | 23.4                             | 32.9                                                     | 0.4                                                  |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                  | 20%                                     | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 88.2                                      |                                | 11.5                                  |                                          | 4.5                        |                                                          |                                                 | 12.9                                                       |                                      |                                         | 28.2                             |                                                          | 0.4                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 20%                                   |                                          | 25%                        |                                                          |                                                 | 20%                                                        |                                      |                                         | 10%                              |                                                          | 10%                                                  |
| Weighted Factor Value                                          | 13.2                                      |                                | 2.3                                   |                                          | 1.1                        |                                                          |                                                 | 2.6                                                        |                                      |                                         | 2.8                              |                                                          | 0.0                                                  |
| Project Benefit                                                | 22.1                                      |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                      |                                         |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$107,490,000                             |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                      |                                         |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 2.1                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                      |                                         |                                  |                                                          |                                                      |

# PROJECT SCORECARD

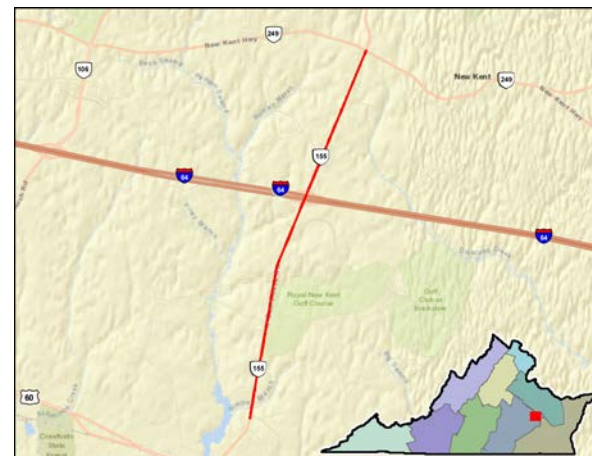
For more information on how to read a scorecard, click here.

State Route 155 Shoulder Wedging and Bicycle Accommodations

App Id: 1581

This project will continue the work on the Courthouse to Courthouse Connector along SR 155 in New Kent County. Project will provide additional shoulders to accommodate bicyclists.

Project Location..... New Kent County  
 SMART SCALE Area Type..... B  
 Submitting Entity..... New Kent County  
 Preliminary Engineering..... Underway  
 Right of Way..... Not Started  
 Construction..... Not Started  
 Expenditures to Date..... N/A  
 Key Fund Sources..... N/A  
 Administered By..... VDOT  
 Eligible Funding Program(s)..... Both  
 VTrans Need..... Richmond Regional Network  
 ( Click for details )



**6.1**

SMART SCALE  
SCORE

**#122** OF 404 STATEWIDE

**#22** OF 72 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$4,581,400**

Total Project Cost..... **\$5,702,200**

Project Benefit..... **2.8**

Project Benefit / Total Cost..... **4.9**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                  |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|----------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted           | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 0.0<br>persons                            | 0.0<br>person hrs.             | 61.3<br>EPDO                          | 1,187.2<br>EPDO / 100M VMT               | 1.2<br>jobs per resident   | 1.1<br>jobs per resident                                 | 0.0<br>adjusted users                           | 150,000.0<br>thousand adj sq. ft.                          | 533.1<br>thousand adj daily tons | 0.0<br>adj. buffer time index          | 0.0<br>adjusted points           | 2.4<br>scaled points                                     | 209.6<br>adjusted jobs & pop.                        |
| Normalized Measure Value (0-100)                               | 0.0                                       | 0.0                            | 18.6                                  | 6.1                                      | 0.0                        | 0.0                                                      | 0.0                                             | 0.5                                                        | 0.0                              | 0.0                                    | 0.0                              | 4.7                                                      | 0.2                                                  |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                              | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 0.0                                       |                                | 12.4                                  |                                          | 0.0                        |                                                          |                                                 | 0.3                                                        |                                  |                                        | 2.4                              |                                                          | 0.2                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 20%                                   |                                          | 25%                        |                                                          |                                                 | 20%                                                        |                                  |                                        | 10%                              |                                                          | 10%                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 2.5                                   |                                          | 0.0                        |                                                          |                                                 | 0.1                                                        |                                  |                                        | 0.2                              |                                                          | 0.0                                                  |
| Project Benefit                                                | 2.8                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                  |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$4,581,400                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                  |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 6.1                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                  |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

For more information on how to read a scorecard, click [here](#).

Richmond-Henrico Turnpike Improvements - Northern Segment

App Id: 1612

Widening Richmond-Henrico Turnpike from the intersection of Hummingbird Rd to approximately 0.7 miles north of Azalea Avenue from 2 lanes to 4 lanes with sidewalks, shared use path, and signal upgrades.

Project Location..... Henrico County  
SMART SCALE Area Type..... B  
Submitting Entity..... Henrico County  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... Locality  
Eligible Funding Program(s)..... Both  
VTrans Need..... Richmond Regional Network  
( [Click for details](#) )



**10.9**

SMART SCALE  
SCORE

**#71**

OF 404 STATEWIDE

**#13**

OF 72 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$3,567,000**

Total Project Cost..... **\$11,425,000**

Project Benefit..... **3.9**

Project Benefit / Total Cost..... **3.4**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                    |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted             | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 379.2<br>persons                          | 105.7<br>person hrs.           | 10.8<br>EPDO                          | 387.8<br>EPDO / 100M VMT                 | 36.0<br>jobs per resident  | 35.3<br>jobs per resident                                | 138.7<br>adjusted users                         | 4,537,500.0<br>thousand adj sq. ft.                        | 7,640.6<br>thousand adj daily tons | 1,586,683.7<br>adj. buffer time index  | 173.6<br>adjusted points         | 3.3<br>scaled points                                     | 2,201.5<br>adjusted jobs & pop.                      |
| Normalized Measure Value (0-100)                               | 3.7                                       | 3.3                            | 3.3                                   | 2.0                                      | 1.4                        | 1.3                                                      | 0.9                                             | 16.1                                                       | 0.5                                | 0.1                                    | 1.0                              | 6.4                                                      | 1.9                                                  |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 3.5                                       |                                | 2.6                                   |                                          | 1.3                        |                                                          |                                                 | 9.8                                                        |                                    |                                        | 3.7                              |                                                          | 1.9                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 20%                                   |                                          | 25%                        |                                                          |                                                 | 20%                                                        |                                    |                                        | 10%                              |                                                          | 10%                                                  |
| Weighted Factor Value                                          | 0.5                                       |                                | 0.5                                   |                                          | 0.3                        |                                                          |                                                 | 2.0                                                        |                                    |                                        | 0.4                              |                                                          | 0.2                                                  |
| Project Benefit                                                | 3.9                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$3,567,000                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 10.9                                      |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |



# PROJECT SCORECARD

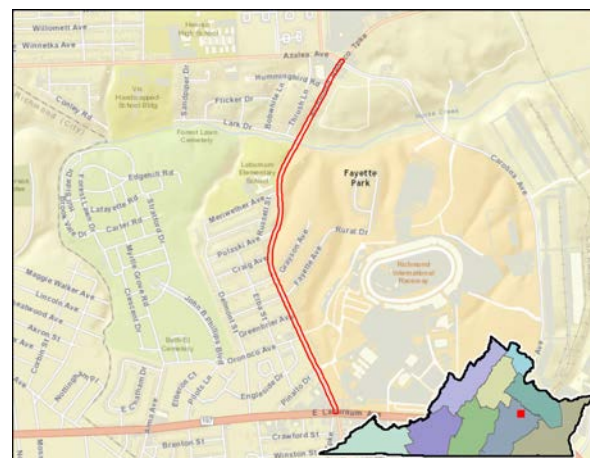
For more information on how to read a scorecard, click [here](#).

Richmond-Henrico Turnpike Improvements - Southern Segment

App Id: 1613

Widening Richmond-Henrico Turnpike from the intersection of Laburnum Avenue to Hummingbird Rd from 2 lanes to 4 lanes with sidewalks, shared use path, and signal upgrades.

Project Location..... Henrico County  
SMART SCALE Area Type..... B  
Submitting Entity..... Henrico County  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... Locality  
Eligible Funding Program(s)..... Both  
VTrans Need..... Richmond Regional Network  
( Click for details )



**3.2**

SMART SCALE  
SCORE

**#171** OF 404 STATEWIDE

**#37** OF 72 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$8,879,000**

Total Project Cost..... **\$18,642,000**

Project Benefit..... **2.9**

Project Benefit / Total Cost..... **1.5**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 19.5<br>persons                           | 0.1<br>person hrs.             | 8.0<br>EPDO                           | 153.9<br>EPDO / 100M VMT                 | 0.0<br>jobs per resident   | 0.0<br>jobs per resident                                 | 97.6<br>adjusted users                          | 4,537,500.0<br>thousand adj sq. ft.                        | 0.0<br>thousand adj daily tons | 2,961,774.4<br>adj. buffer time index  | 101.5<br>adjusted points         | 2.5<br>scaled points                                     | 3,393.6<br>adjusted jobs & pop.                      |
| Normalized Measure Value (0-100)                               | 0.2                                       | 0.0                            | 2.4                                   | 0.8                                      | 0.0                        | 0.0                                                      | 0.7                                             | 16.1                                                       | 0.0                            | 0.2                                    | 0.6                              | 4.8                                                      | 3.0                                                  |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 0.1                                       |                                | 1.6                                   |                                          | 0.1                        |                                                          |                                                 | 9.7                                                        |                                |                                        | 2.7                              |                                                          | 3.0                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 20%                                   |                                          | 25%                        |                                                          |                                                 | 20%                                                        |                                |                                        | 10%                              |                                                          | 10%                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.3                                   |                                          | 0.0                        |                                                          |                                                 | 1.9                                                        |                                |                                        | 0.3                              |                                                          | 0.3                                                  |
| Project Benefit                                                | 2.9                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$8,879,000                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 3.2                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

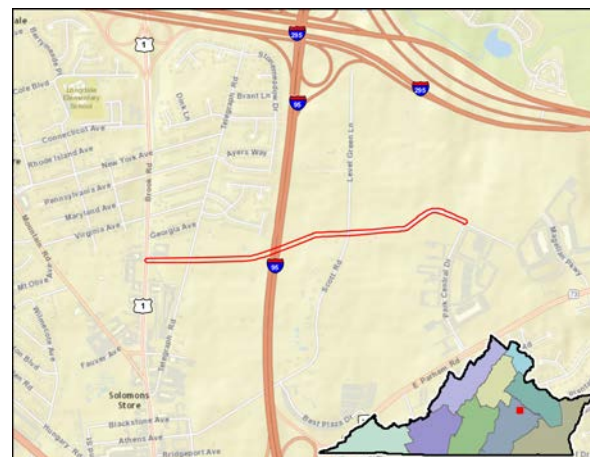
For more information on how to read a scorecard, click [here](#).

Magellan Parkway Extension Project - Alternate Application

App Id: 1614

New alignment roadway connecting Brook Road and existing Magellan Parkway in order to facilitate planned Economic Development and Pedestrian Accessibility. Alternate Application also includes the removal of the existing Scott Road bridge over I-95.

Project Location..... Henrico County  
SMART SCALE Area Type..... B  
Submitting Entity..... Henrico County  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... Locality  
Eligible Funding Program(s)..... District Grant  
VTrans Need..... South Hill UDA  
( Click for details )



**2.0**

SMART SCALE  
SCORE

**#230** OF 404 STATEWIDE

**#54** OF 72 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$38,628,000**

Total Project Cost..... **\$38,628,000**

Project Benefit..... **7.6**

Project Benefit / Total Cost..... **2.0**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                    |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted             | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 3,689.3<br>persons                        | 951.0<br>person hrs.           | 0.0<br>EPDO                           | 0.0<br>EPDO / 100M VMT                   | 58.8<br>jobs per resident  | 59.5<br>jobs per resident                                | 31.6<br>adjusted users                          | 763,334.8<br>thousand adj sq. ft.                          | 3,011.3<br>thousand adj daily tons | 4,903,764.1<br>adj. buffer time index  | 31.6<br>adjusted points          | 3.7<br>scaled points                                     | 16,426.7<br>adjusted jobs & pop.                     |
| Normalized Measure Value (0-100)                               | 36.4                                      | 29.3                           | 0.0                                   | 0.0                                      | 2.2                        | 2.3                                                      | 0.2                                             | 2.7                                                        | 0.2                                | 0.4                                    | 0.2                              | 7.3                                                      | 14.5                                                 |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 32.8                                      |                                | 0.0                                   |                                          | 1.8                        |                                                          |                                                 | 1.7                                                        |                                    |                                        | 3.7                              |                                                          | 14.5                                                 |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 20%                                   |                                          | 25%                        |                                                          |                                                 | 20%                                                        |                                    |                                        | 10%                              |                                                          | 10%                                                  |
| Weighted Factor Value                                          | 4.9                                       |                                | 0.0                                   |                                          | 0.5                        |                                                          |                                                 | 0.3                                                        |                                    |                                        | 0.4                              |                                                          | 1.5                                                  |
| Project Benefit                                                | 7.6                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$38,628,000                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 2.0                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

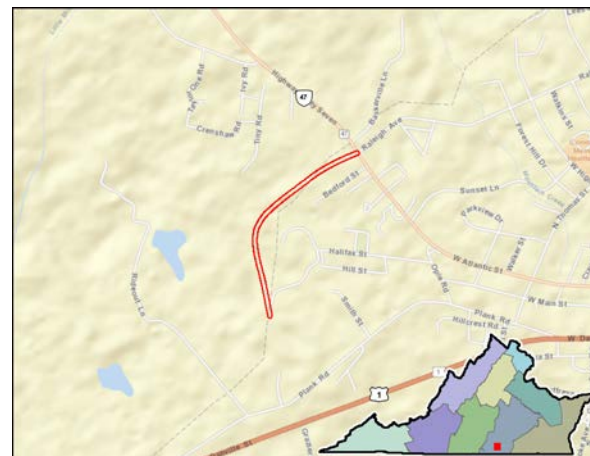
For more information on how to read a scorecard, click [here](#).

Raleigh Avenue Extension

App Id: 1659

To finish connecting Phase 1 of the Raleigh extension to West Atlantic St. (HWY 47)

Project Location..... Multiple  
 SMART SCALE Area Type..... D  
 Submitting Entity..... South Hill Town  
 Preliminary Engineering..... Not Started  
 Right of Way..... Not Started  
 Construction..... Not Started  
 Expenditures to Date..... N/A  
 Key Fund Sources..... N/A  
 Administered By..... VDOT  
 Eligible Funding Program(s)..... District Grant  
 VTrans Need..... South Hill UDA  
 ( Click for details )



**0.5**

SMART SCALE  
SCORE

**#340** OF 404 STATEWIDE

**#67** OF 72 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$8,441,660**

Total Project Cost..... **\$8,441,660**

Project Benefit..... **0.4**

Project Benefit / Total Cost..... **0.5**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                    |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted             | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 308.0<br>persons                          | 128.0<br>person hrs.           | 0.0<br>EPDO                           | 0.0<br>EPDO / 100M VMT                   | 0.0<br>jobs per resident   | 0.0<br>jobs per resident                                 | 1.5<br>adjusted users                           | 0.0<br>thousand adj sq. ft.                                | 3,245.3<br>thousand adj daily tons | 725,833.0<br>adj. buffer time index    | 2.0<br>adjusted points           | 0.3<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 3.0                                       | 3.9                            | 0.0                                   | 0.0                                      | 0.0                        | 0.0                                                      | 0.0                                             | 0.0                                                        | 0.2                                | 0.1                                    | 0.0                              | 0.7                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 3.5                                       |                                | 0.0                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                    |                                        | 0.3                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 10%                                       |                                | 30%                                   |                                          | 15%                        |                                                          |                                                 | 35%                                                        |                                    |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.3                                       |                                | 0.0                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                    |                                        | 0.0                              |                                                          |                                                      |
| Project Benefit                                                | 0.4                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$8,441,660                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 0.5                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |



# PROJECT SCORECARD

For more information on how to read a scorecard, click [here](#).

I-85 NB to I-95 SB-Tri-Cities MPO HB2 Priority #1

App Id: 1714

The configuration includes a 250-foot weaving segment (between the I-85 north bound off-ramp merge with the I-95 southbound collector-distributor road and the Graham Road off-ramp) with approximately 7% average uphill grade off the I-85 NB off ramp.

Project Location..... Petersburg  
SMART SCALE Area Type..... C  
Submitting Entity..... Petersburg City  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... Both  
VTrans Need..... Washington to North Carolina CoSS  
( [Click for details](#) )



**3.6**

SMART SCALE  
SCORE

**#154** OF 404 STATEWIDE

**#32** OF 72 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$17,214,110**

Total Project Cost..... **\$17,414,110**

Project Benefit..... **6.3**

Project Benefit / Total Cost..... **3.6**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                    |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted             | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 3,026.0<br>persons                        | 859.4<br>person hrs.           | 7.4<br>EPDO                           | 0.5<br>EPDO / 100M VMT                   | 36.5<br>jobs per resident  | 37.1<br>jobs per resident                                | 210.0<br>adjusted users                         | 1,768,425.5<br>thousand adj sq. ft.                        | 8,095.2<br>thousand adj daily tons | 654,367.1<br>adj. buffer time index    | 783.9<br>adjusted points         | 2.1<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 29.9                                      | 26.4                           | 2.3                                   | 0.0                                      | 1.4                        | 1.4                                                      | 1.4                                             | 6.3                                                        | 0.5                                | 0.0                                    | 4.6                              | 4.2                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 28.1                                      |                                | 1.1                                   |                                          | 1.4                        |                                                          |                                                 | 3.9                                                        |                                    |                                        | 4.4                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 25%                                   |                                          | 25%                        |                                                          |                                                 | 25%                                                        |                                    |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 4.2                                       |                                | 0.3                                   |                                          | 0.4                        |                                                          |                                                 | 1.0                                                        |                                    |                                        | 0.4                              |                                                          |                                                      |
| Project Benefit                                                | 6.3                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$17,214,110                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 3.6                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |



# PROJECT SCORECARD

For more information on how to read a scorecard, click [here](#).

I-95 and South Crater Road-MPO HB2 Priority #2

App Id: 1740

Interstates 95 and 85, as well as Route 460 and US 301 (South Crater Road) converge in Petersburg, Virginia in a complex series of interchanges developed in the mid-1950's as part of the Richmond-Petersburg Turnpike.

Project Location..... Petersburg  
SMART SCALE Area Type..... C  
Submitting Entity..... Petersburg City  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... Both  
VTrans Need..... Washington to North Carolina CoSS  
( Click for details )



**1.1**

SMART SCALE  
SCORE

**#278** OF 404 STATEWIDE

**#63** OF 72 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$10,292,110**

Total Project Cost..... **\$10,492,110**

Project Benefit..... **1.1**

Project Benefit / Total Cost..... **1.0**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                    |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted             | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 0.0<br>persons                            | 2.4<br>person hrs.             | 0.8<br>EPDO                           | 41.3<br>EPDO / 100M VMT                  | 0.0<br>jobs per resident   | 0.0<br>jobs per resident                                 | 0.0<br>adjusted users                           | 1,750,000.0<br>thousand adj sq. ft.                        | 5,042.1<br>thousand adj daily tons | 317,002.9<br>adj. buffer time index    | 0.0<br>adjusted points           | 0.8<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.0                                       | 0.1                            | 0.2                                   | 0.2                                      | 0.0                        | 0.0                                                      | 0.0                                             | 6.2                                                        | 0.3                                | 0.0                                    | 0.0                              | 1.5                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.0                                       |                                | 0.2                                   |                                          | 0.0                        |                                                          |                                                 | 3.8                                                        |                                    |                                        | 0.7                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 25%                                   |                                          | 25%                        |                                                          |                                                 | 25%                                                        |                                    |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.1                                   |                                          | 0.0                        |                                                          |                                                 | 0.9                                                        |                                    |                                        | 0.1                              |                                                          |                                                      |
| Project Benefit                                                | 1.1                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$10,292,110                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 1.1                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

For more information on how to read a scorecard, click here.

I-95/Willis Road Interchange – Area Roadway Improvements

App Id: 1753

I-95/Willis Road Interchange – Area Roadway Improvements

Project Location..... Chesterfield County  
 SMART SCALE Area Type..... B  
 Submitting Entity..... Chesterfield County  
 Preliminary Engineering..... Not Started  
 Right of Way..... Not Started  
 Construction..... Not Started  
 Expenditures to Date..... N/A  
 Key Fund Sources..... N/A  
 Administered By..... Locality  
 Eligible Funding Program(s)..... Both  
 VTrans Need..... Richmond Regional Network  
 ( Click for details )



**2.6**

SMART SCALE  
SCORE

**#197** OF 404 STATEWIDE

**#45** OF 72 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$13,440,000**

Total Project Cost..... **\$13,440,000**

Project Benefit..... **3.4**

Project Benefit / Total Cost..... **2.6**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                     |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|-------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted              | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 0.0<br>persons                            | 11.0<br>person hrs.            | 2.2<br>EPDO                           | 150.5<br>EPDO / 100M VMT                 | 0.8<br>jobs per resident   | 0.8<br>jobs per resident                                 | 0.0<br>adjusted users                           | 6,047,799.8<br>thousand adj sq. ft.                        | 28,189.0<br>thousand adj daily tons | 957,736.8<br>adj. buffer time index    | 128.7<br>adjusted points         | 2.3<br>scaled points                                     | 4,033.2<br>adjusted jobs & pop.                      |
| Normalized Measure Value (0-100)                               | 0.0                                       | 0.3                            | 0.7                                   | 0.8                                      | 0.0                        | 0.0                                                      | 0.0                                             | 21.5                                                       | 1.7                                 | 0.1                                    | 0.8                              | 4.4                                                      | 3.6                                                  |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                 | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 0.2                                       |                                | 0.7                                   |                                          | 0.0                        |                                                          |                                                 | 13.2                                                       |                                     |                                        | 2.6                              |                                                          | 3.6                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 20%                                   |                                          | 25%                        |                                                          |                                                 | 20%                                                        |                                     |                                        | 10%                              |                                                          | 10%                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.1                                   |                                          | 0.0                        |                                                          |                                                 | 2.6                                                        |                                     |                                        | 0.3                              |                                                          | 0.4                                                  |
| Project Benefit                                                | 3.4                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$13,440,000                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 2.6                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |

## SALEM DISTRICT

## SALEM DISTRICT

| App # | Project Name                                                 | District Rank | State Rank | Smart Score | Page # |
|-------|--------------------------------------------------------------|---------------|------------|-------------|--------|
| 1301  | Smart Way Vehicle Expansion Project                          | 1             | 5          | 102.4       | 08-20  |
| 1243  | Route 419 and Route 221 Adaptive Traffic Control             | 2             | 16         | 50.2        | 08-17  |
| 1184  | Patriot Place Roundabout                                     | 3             | 18         | 46.6        | 08-13  |
| 1426  | Southway Regional Business Park Project                      | 4             | 25         | 36.7        | 08-37  |
| 1410  | Franklin Rd Sidewalk Improvements from 3100 block to Rt. 220 | 5             | 35         | 29.8        | 08-34  |
| 1052  | Virginia Avenue (US220 Bus) Pedestrian Safety Accommodation  | 6             | 38         | 28.0        | 08-07  |
| 1312  | West Main Street Sidewalk                                    | 7             | 44         | 21.6        | 08-24  |
| 1339  | Safety Improvements to Route 670 and Route 834               | 8             | 47         | 20.7        | 08-27  |
| 1209  | Right turn lane northbound Route 811 at Route 622.           | 9             | 48         | 20.3        | 08-14  |
| 1305  | Valley Metro's Route 91/92 Vehicle Expansion Project         | 10            | 60         | 14.5        | 08-21  |
| 1310  | Plantation Road Bicycle, Pedestrian and Streetscape Phase II | 11            | 62         | 12.3        | 08-23  |
| 1394  | Expansion Bus Purchase (2 60' Articulated)                   | 12            | 63         | 12.0        | 08-31  |
| 1343  | Mason Creek Greenway Phase 3 - 419 Multimodal Improvements   | 13            | 75         | 10.2        | 08-30  |
| 1053  | Intersection Rte 609 and Rte 683 Safety Improvements         | 14            | 77         | 10.0        | 08-08  |
| 1332  | Intersection Realignment/Improvement: US 220 Business/SR 40  | 15            | 80         | 9.4         | 08-25  |
| 1424  | Hollins Road and Orange Avenue Intersection Improvements     | 16            | 82         | 9.3         | 08-36  |
| 1049  | 220 Expressway Acceleration Lane Improvement                 | 17            | 83         | 9.1         | 08-05  |
| 1341  | Downtown Salem Intersection and Streetscape Improvements     | 18            | 84         | 9.1         | 08-28  |
| 1047  | I-81 Southbound Auxiliary Lane between Exit 141 and 140      | 19            | 105        | 7.1         | 08-04  |
| 1039  | I-81 Northbound Auxiliary Lane between Exit 140 and 141      | 20            | 106        | 7.0         | 08-03  |
| 1556  | GRTC's Automatic Vehicle Locator/Real-Time Project           | 21            | 123        | 6.1         | 08-46  |
| 1169  | Walnut Avenue Improvement Project                            | 22            | 136        | 5.0         | 08-12  |
| 1129  | E. Stuart Drive Sidewalk Project                             | 23            | 168        | 3.4         | 08-10  |
| 1068  | I-81 Southbound Safety Improvements MM167.4 to MM169.5       | 24            | 175        | 3.1         | 08-09  |
| 1242  | McVitty Road and Old Cave Spring Road Improvements           | 25            | 196        | 2.6         | 08-16  |
| 1027  | I-81 Southbound Auxiliary Lane between Exit 143 and 141      | 26            | 198        | 2.5         | 08-02  |
| 1544  | Parkway Drive Extension to S. Franklin Street                | 27            | 200        | 2.5         | 08-45  |
| 1461  | N. Franklin Street - Depot Street Intersection Upgrade       | 28            | 201        | 2.5         | 08-42  |
| 1429  | N. Franklin Street - Peppers Ferry Road Connector Route      | 29            | 206        | 2.3         | 08-38  |
| 1338  | Valley Metro's Maintenance Expansion Facility Project        | 30            | 218        | 2.1         | 08-26  |
| 1407  | Interstate 77, Exit 1 and Route 620 Improvements             | 31            | 224        | 2.0         | 08-33  |



## SALEM DISTRICT

| App # | Project Name                                              | District Rank | State Rank | Smart Score | Page # |
|-------|-----------------------------------------------------------|---------------|------------|-------------|--------|
| 1157  | Route 11 Traffic Improvements Project - Pulaski County    | 32            | 229        | 2.0         | 08-11  |
| 1002  | I-81 Southbound Auxiliary Lane Exit 150 to Weigh Station  | 33            | 243        | 1.7         | 08-01  |
| 1342  | UPC 106710 - East Main Street Route 460 Phase II          | 34            | 252        | 1.5         | 08-29  |
| 1511  | Prices Fork/ Peppers Ferry Intersection                   | 35            | 259        | 1.4         | 08-44  |
| 1684  | Route 8 Widening and Pedestrian Improvements              | 36            | 264        | 1.3         | 08-48  |
| 1291  | Exit 150 Park and Ride                                    | 37            | 266        | 1.3         | 08-19  |
| 1423  | 13th Street/ Hollins Road Improvements                    | 38            | 283        | 1.0         | 08-35  |
| 1688  | Intersection Improvements at Route 460/637                | 39            | 292        | 0.9         | 08-49  |
| 1452  | Tyler Avenue (Rt. 177) - East Main St. (Rt. 11) Connector | 40            | 300        | 0.8         | 08-40  |
| 1051  | RTE 100 ENHANCEMENT                                       | 41            | 315        | 0.7         | 08-06  |
| 1232  | Valley View Boulevard Extension                           | 42            | 323        | 0.6         | 08-15  |
| 1457  | I-81/Route 8 (Exit 114) Interchange Reconstruction        | 43            | 325        | 0.6         | 08-41  |
| 1287  | Fincastle Bypass                                          | 44            | 336        | 0.5         | 08-18  |
| 1309  | Roanoke River Greenway - Explore Park to Rutrough Road    | 45            | 352        | 0.4         | 08-22  |
| 1501  | Extension of the Smart Road to I 81                       | 46            | 380        | 0.2         | 08-43  |
| 1628  | Route 653 Shawsville Pike Safety Improvement              | 47            | 399        | 0           | 08-47  |
| 1430  | Squirrel Spur                                             | 48            | 401        | 0           | 08-39  |
| 1396  | Bus Stop Shelters and Improvements                        | 49            | 402        | 0           | 08-32  |
| 1690  | Route 696 and Route 220 Intersection Realignment Project  | 50            | 404        | 0           | 08-50  |

# PROJECT SCORECARD

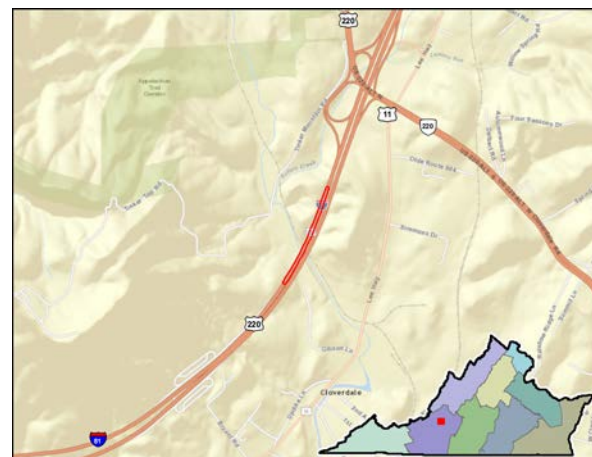
For more information on how to read a scorecard, click here.

I-81 Southbound Auxiliary Lane Exit 150 to Weigh Station

App Id: 1002

Provide a southbound auxiliary lane on I-81 between Exit 150 and Truck Weigh Station; will include southbound bridge widening over Tinker Creek

Project Location..... Botetourt County  
 SMART SCALE Area Type..... B  
 Submitting Entity..... Roanoke Valley Transportation Planning Organization  
 Preliminary Engineering..... Not Started  
 Right of Way..... Not Started  
 Construction..... Not Started  
 Expenditures to Date..... N/A  
 Key Fund Sources..... N/A  
 Administered By..... VDOT  
 Eligible Funding Program(s)..... High Priority  
 VTrans Need..... Crescent Corridor CoSS  
 ( Click for details )



**1.7**

SMART SCALE  
SCORE

**#243**

OF 404 STATEWIDE

**#33**

OF 50 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$21,531,520**

Total Project Cost..... **\$21,531,520**

Project Benefit..... **3.6**

Project Benefit / Total Cost..... **1.7**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                      |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted               | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 1,097.1<br>persons                        | 37.6<br>person hrs.            | 7.0<br>EPDO                           | 77.8<br>EPDO / 100M VMT                  | 89.3<br>jobs per resident  | 83.0<br>jobs per resident                                | 0.0<br>adjusted users                           | 0.0<br>thousand adj sq. ft.                                | 377,453.1<br>thousand adj daily tons | 2,348,695.6<br>adj. buffer time index  | 2,066.7<br>adjusted points       | 3.1<br>scaled points                                     | 0.0<br>adjusted jobs & pop.                          |
| Normalized Measure Value (0-100)                               | 10.8                                      | 1.2                            | 2.1                                   | 0.4                                      | 3.4                        | 3.2                                                      | 0.0                                             | 0.0                                                        | 22.3                                 | 0.2                                    | 12.1                             | 6.1                                                      | 0.0                                                  |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                  | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 6.0                                       |                                | 1.3                                   |                                          | 2.7                        |                                                          |                                                 | 4.5                                                        |                                      |                                        | 9.1                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 20%                                   |                                          | 25%                        |                                                          |                                                 | 20%                                                        |                                      |                                        | 10%                              |                                                          | 10%                                                  |
| Weighted Factor Value                                          | 0.9                                       |                                | 0.3                                   |                                          | 0.7                        |                                                          |                                                 | 0.9                                                        |                                      |                                        | 0.9                              |                                                          | 0.0                                                  |
| Project Benefit                                                | 3.6                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                      |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$21,531,520                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                      |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 1.7                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                      |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

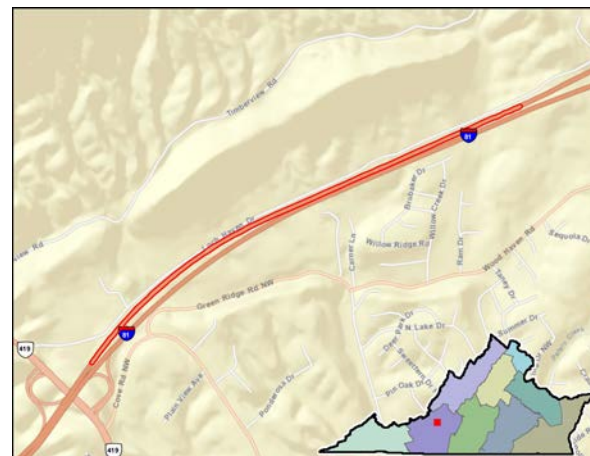
For more information on how to read a scorecard, click [here](#).

I-81 Southbound Auxiliary Lane between Exit 143 and 141

App Id: 1027

Provide a southbound auxiliary lane on I-81 between Exit 143 and 141". No bridge replacements are needed.

Project Location..... Roanoke County  
SMART SCALE Area Type..... B  
Submitting Entity..... Roanoke Valley Transportation Planning Organization  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... High Priority  
VTrans Need..... Crescent Corridor CoSS  
( Click for details )



**2.5**

SMART SCALE  
SCORE

**#198** OF 404 STATEWIDE

**#26** OF 50 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$32,168,111**

Total Project Cost..... **\$32,168,111**

Project Benefit..... **8.2**

Project Benefit / Total Cost..... **2.5**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                      |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted               | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 2,058.9<br>persons                        | 168.1<br>person hrs.           | 31.0<br>EPDO                          | 109.6<br>EPDO / 100M VMT                 | 274.9<br>jobs per resident | 276.2<br>jobs per resident                               | 0.0<br>adjusted users                           | 319,030.5<br>thousand adj sq. ft.                          | 570,513.8<br>thousand adj daily tons | 3,579,195.6<br>adj. buffer time index  | 2,337.0<br>adjusted points       | 7.0<br>scaled points                                     | 3,268.2<br>adjusted jobs & pop.                      |
| Normalized Measure Value (0-100)                               | 20.3                                      | 5.2                            | 9.4                                   | 0.6                                      | 10.5                       | 10.5                                                     | 0.0                                             | 1.1                                                        | 33.7                                 | 0.3                                    | 13.6                             | 13.7                                                     | 2.9                                                  |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                  | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 12.7                                      |                                | 5.0                                   |                                          | 8.4                        |                                                          |                                                 | 7.5                                                        |                                      |                                        | 13.7                             |                                                          | 2.9                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 20%                                   |                                          | 25%                        |                                                          |                                                 | 20%                                                        |                                      |                                        | 10%                              |                                                          | 10%                                                  |
| Weighted Factor Value                                          | 1.9                                       |                                | 1.0                                   |                                          | 2.1                        |                                                          |                                                 | 1.5                                                        |                                      |                                        | 1.4                              |                                                          | 0.3                                                  |
| Project Benefit                                                | 8.2                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                      |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$32,168,111                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                      |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 2.5                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                      |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

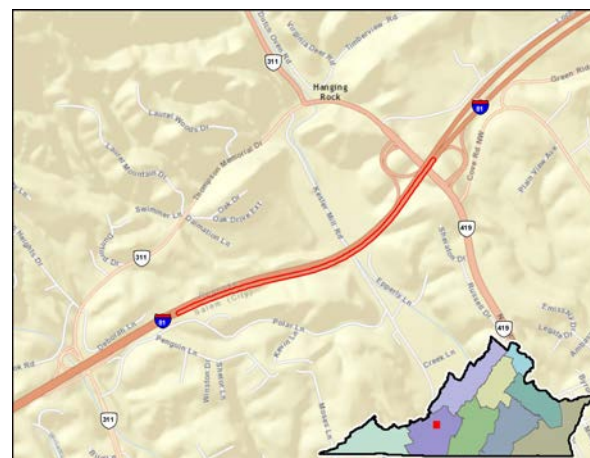
For more information on how to read a scorecard, click [here](#).

I-81 Northbound Auxiliary Lane between Exit 140 and 141

App Id: 1039

Provide a northbound auxiliary lane on I-81 between Exit 140 and 141.

Project Location..... Roanoke County  
SMART SCALE Area Type..... B  
Submitting Entity..... Roanoke Valley Transportation Planning Organization  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... High Priority  
VTrans Need..... Crescent Corridor CoSS  
( Click for details )



**7.0**

SMART SCALE  
SCORE

**#106** OF 404 STATEWIDE

**#20** OF 50 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$15,984,146**

Total Project Cost..... **\$15,984,146**

Project Benefit..... **11.1**

Project Benefit / Total Cost..... **7.0**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                      |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted               | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 1,663.8<br>persons                        | 108.4<br>person hrs.           | 6.2<br>EPDO                           | 37.8<br>EPDO / 100M VMT                  | 831.2<br>jobs per resident | 876.3<br>jobs per resident                               | 0.0<br>adjusted users                           | 239,129.5<br>thousand adj sq. ft.                          | 429,377.5<br>thousand adj daily tons | 368,562.5<br>adj. buffer time index    | 2,322.9<br>adjusted points       | 9.6<br>scaled points                                     | 3,193.3<br>adjusted jobs & pop.                      |
| Normalized Measure Value (0-100)                               | 16.4                                      | 3.3                            | 1.9                                   | 0.2                                      | 31.7                       | 33.3                                                     | 0.0                                             | 0.8                                                        | 25.3                                 | 0.0                                    | 13.6                             | 18.7                                                     | 2.8                                                  |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                  | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 9.9                                       |                                | 1.0                                   |                                          | 25.7                       |                                                          |                                                 | 5.6                                                        |                                      |                                        | 16.1                             |                                                          | 2.8                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 20%                                   |                                          | 25%                        |                                                          |                                                 | 20%                                                        |                                      |                                        | 10%                              |                                                          | 10%                                                  |
| Weighted Factor Value                                          | 1.5                                       |                                | 0.2                                   |                                          | 6.4                        |                                                          |                                                 | 1.1                                                        |                                      |                                        | 1.6                              |                                                          | 0.3                                                  |
| Project Benefit                                                | 11.1                                      |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                      |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$15,984,146                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                      |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 7.0                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                      |                                        |                                  |                                                          |                                                      |



# PROJECT SCORECARD

For more information on how to read a scorecard, click [here](#).

I-81 Southbound Auxiliary Lane between Exit 141 and 140

App Id: 1047

Provide a southbound auxiliary lane on I-81 between Exit 141 and 140.

Project Location..... Roanoke County  
SMART SCALE Area Type..... B  
Submitting Entity..... Roanoke Valley Transportation Planning Organization  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... High Priority  
VTrans Need..... Crescent Corridor CoSS  
( Click for details )



## 7.1

SMART SCALE  
SCORE

**#105** OF 404 STATEWIDE

**#19** OF 50 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$14,802,784**

Total Project Cost..... **\$14,802,784**

Project Benefit..... **10.5**

Project Benefit / Total Cost..... **7.1**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                      |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted               | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 1,854.7<br>persons                        | 75.7<br>person hrs.            | 4.2<br>EPDO                           | 28.1<br>EPDO / 100M VMT                  | 785.5<br>jobs per resident | 829.3<br>jobs per resident                               | 0.0<br>adjusted users                           | 326,985.6<br>thousand adj sq. ft.                          | 295,124.2<br>thousand adj daily tons | 1,978,159.5<br>adj. buffer time index  | 2,394.9<br>adjusted points       | 9.1<br>scaled points                                     | 3,371.4<br>adjusted jobs & pop.                      |
| Normalized Measure Value (0-100)                               | 18.3                                      | 2.3                            | 1.3                                   | 0.1                                      | 30.0                       | 31.5                                                     | 0.0                                             | 1.2                                                        | 17.4                                 | 0.1                                    | 14.0                             | 17.7                                                     | 3.0                                                  |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                  | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 10.3                                      |                                | 0.7                                   |                                          | 24.3                       |                                                          |                                                 | 4.2                                                        |                                      |                                        | 15.8                             |                                                          | 3.0                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 20%                                   |                                          | 25%                        |                                                          |                                                 | 20%                                                        |                                      |                                        | 10%                              |                                                          | 10%                                                  |
| Weighted Factor Value                                          | 1.5                                       |                                | 0.1                                   |                                          | 6.1                        |                                                          |                                                 | 0.8                                                        |                                      |                                        | 1.6                              |                                                          | 0.3                                                  |
| Project Benefit                                                | 10.5                                      |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                      |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$14,802,784                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                      |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 7.1                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                      |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

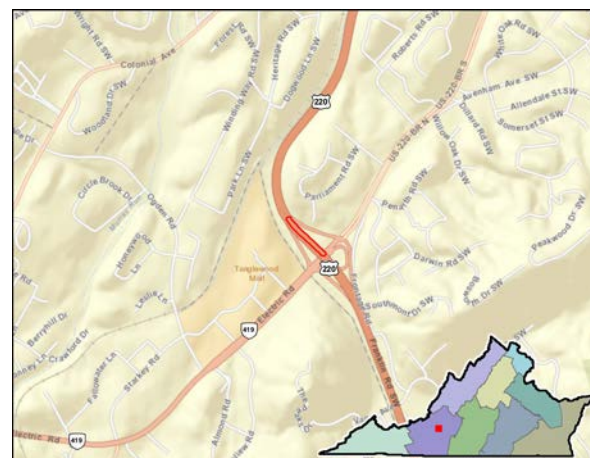
For more information on how to read a scorecard, click [here](#).

220 Expressway Acceleration Lane Improvement

App Id: 1049

Extend southbound Route 419 loop ramp onto northbound Route 220 creating a free-flow movement.

Project Location..... Roanoke  
SMART SCALE Area Type..... B  
Submitting Entity..... Roanoke Valley Transportation Planning Organization  
Preliminary Engineering..... Not Started  
Right of Way..... Not Needed  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... High Priority  
VTrans Need..... North Carolina to West Virginia CoSS  
( [Click for details](#) )



**9.1**

SMART SCALE  
SCORE

**#83**

OF 404 STATEWIDE

**#17**

OF 50 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$2,020,286**

Total Project Cost..... **\$2,020,286**

Project Benefit..... **1.8**

Project Benefit / Total Cost..... **9.1**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                      |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted               | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 0.0<br>persons                            | 0.0<br>person hrs.             | 0.2<br>EPDO                           | 20.7<br>EPDO / 100M VMT                  | 1.1<br>jobs per resident   | 1.1<br>jobs per resident                                 | 0.0<br>adjusted users                           | 246,496.8<br>thousand adj sq. ft.                          | 102,814.9<br>thousand adj daily tons | 292,008.4<br>adj. buffer time index    | 0.0<br>adjusted points           | 1.6<br>scaled points                                     | 14,909.9<br>adjusted jobs & pop.                     |
| Normalized Measure Value (0-100)                               | 0.0                                       | 0.0                            | 0.1                                   | 0.1                                      | 0.0                        | 0.0                                                      | 0.0                                             | 0.9                                                        | 6.1                                  | 0.0                                    | 0.0                              | 3.1                                                      | 13.2                                                 |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                  | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 0.0                                       |                                | 0.1                                   |                                          | 0.0                        |                                                          |                                                 | 1.7                                                        |                                      |                                        | 1.6                              |                                                          | 13.2                                                 |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 20%                                   |                                          | 25%                        |                                                          |                                                 | 20%                                                        |                                      |                                        | 10%                              |                                                          | 10%                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.0                                   |                                          | 0.0                        |                                                          |                                                 | 0.3                                                        |                                      |                                        | 0.2                              |                                                          | 1.3                                                  |
| Project Benefit                                                | 1.8                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                      |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$2,020,286                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                      |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 9.1                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                      |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

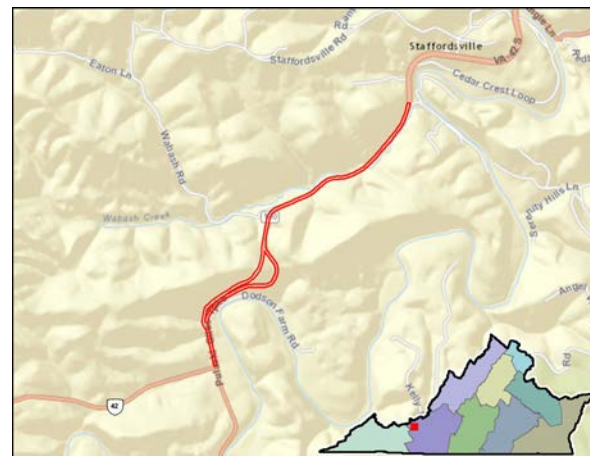
For more information on how to read a scorecard, click [here](#).

RTE 100 ENHANCEMENT

App Id: 1051

Construct a new 2.0 mile long section of Rte 100 to eliminate sharp curves, poor sight distance, and one extremely narrow bridge.

Project Location..... Giles County  
SMART SCALE Area Type..... C  
Submitting Entity..... Giles County  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... District Grant  
VTrans Need..... Safety: Crash History and Geometric Issue  
( [Click for details](#) )



**0.7**

SMART SCALE  
SCORE

**#315** OF 404 STATEWIDE

**#41** OF 50 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$114,001,800**

Total Project Cost..... **\$114,001,800**

Project Benefit..... **7.8**

Project Benefit / Total Cost..... **0.7**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 0.0<br>persons                            | 0.0<br>person hrs.             | 119.4<br>EPDO                         | 4,022.1<br>EPDO / 100M VMT               | 1.6<br>jobs per resident   | 1.4<br>jobs per resident                                 | 0.0<br>adjusted users                           | 0.0<br>thousand adj sq. ft.                                | 0.0<br>thousand adj daily tons | 3,219,001.9<br>adj. buffer time index  | 0.0<br>adjusted points           | 6.6<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.0                                       | 0.0                            | 36.3                                  | 20.8                                     | 0.1                        | 0.1                                                      | 0.0                                             | 0.0                                                        | 0.0                            | 0.2                                    | 0.0                              | 12.8                                                     |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.0                                       |                                | 28.6                                  |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 6.4                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 25%                                   |                                          | 25%                        |                                                          |                                                 | 25%                                                        |                                |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 7.1                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.6                              |                                                          |                                                      |
| Project Benefit                                                | 7.8                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$114,001,800                             |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 0.7                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |



# PROJECT SCORECARD

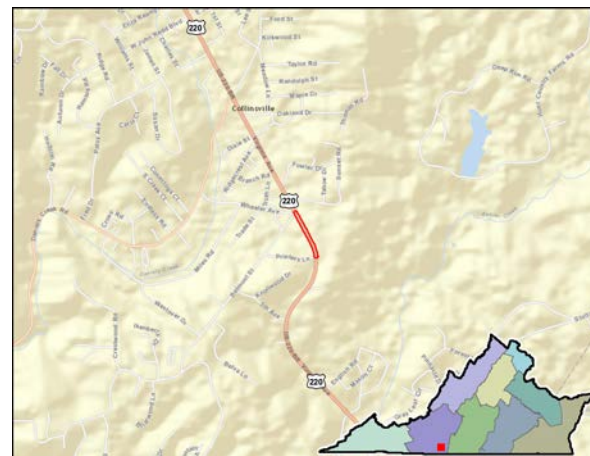
For more information on how to read a scorecard, click [here](#).

Virginia Avenue (US220 Bus) Pedestrian Safety Accommodation

App Id: 1052

This project will add a signalized pedestrian crosswalk at the existing signalized intersection of Wheeler Avenue and Virginia Avenue, and the new construction of approximately 1000 feet of sidewalk

Project Location..... Henry County  
SMART SCALE Area Type..... D  
Submitting Entity..... Henry County  
Preliminary Engineering..... Not Started  
Right of Way..... Not Needed  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... District Grant  
VTrans Need..... Safety: PSI Data and Geometric Issue  
( [Click for details](#) )



**28.0**

SMART SCALE  
SCORE

**#38**

OF 404 STATEWIDE

**#6**

OF 50 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$639,915**

Total Project Cost..... **\$639,915**

Project Benefit..... **1.8**

Project Benefit / Total Cost..... **28.0**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 15.1<br>persons                           | 0.0<br>person hrs.             | 17.6<br>EPDO                          | 1,040.7<br>EPDO / 100M VMT               | 0.0<br>jobs per resident   | 0.0<br>jobs per resident                                 | 22.6<br>adjusted users                          | 0.0<br>thousand adj sq. ft.                                | 0.0<br>thousand adj daily tons | 0.0<br>adj. buffer time index          | 30.1<br>adjusted points          | 1.6<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.1                                       | 0.0                            | 5.4                                   | 5.4                                      | 0.0                        | 0.0                                                      | 0.2                                             | 0.0                                                        | 0.0                            | 0.0                                    | 0.2                              | 3.2                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.1                                       |                                | 5.4                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 1.7                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 10%                                       |                                | 30%                                   |                                          | 15%                        |                                                          |                                                 | 35%                                                        |                                |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 1.6                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.2                              |                                                          |                                                      |
| Project Benefit                                                | 1.8                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$639,915                                 |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 28.0                                      |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |



# PROJECT SCORECARD

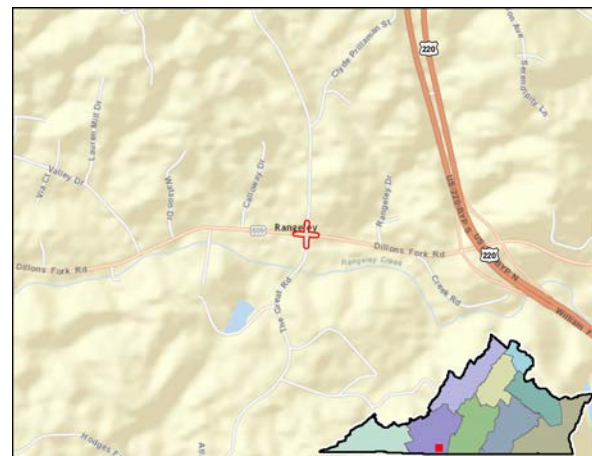
For more information on how to read a scorecard, click [here](#).

Intersection Rte 609 and Rte 683 Safety Improvements

App Id: 1053

The intent of this project is to achieve required sight distance for vehicles turning left or proceeding straight through the southernmost leg of the intersection at Route 683.

Project Location..... Henry County  
SMART SCALE Area Type..... D  
Submitting Entity..... Henry County  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... District Grant  
VTrans Need..... Safety: Crash History and Geometric Issue  
( [Click for details](#) )



**10.0**

SMART SCALE  
SCORE

**#77**

OF 404 STATEWIDE

**#14**

OF 50 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$430,877**

Total Project Cost..... **\$430,877**

Project Benefit..... **0.4**

Project Benefit / Total Cost..... **10.0**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 0.0<br>persons                            | 0.0<br>person hrs.             | 0.7<br>EPDO                           | 469.9<br>EPDO / 100M VMT                 | 0.0<br>jobs per resident   | 0.0<br>jobs per resident                                 | 0.0<br>adjusted users                           | 0.0<br>thousand adj sq. ft.                                | 0.0<br>thousand adj daily tons | 0.0<br>adj. buffer time index          | 0.0<br>adjusted points           | 0.4<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.0                                       | 0.0                            | 0.2                                   | 2.4                                      | 0.0                        | 0.0                                                      | 0.0                                             | 0.0                                                        | 0.0                            | 0.0                                    | 0.0                              | 0.7                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.0                                       |                                | 1.3                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.4                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 10%                                       |                                | 30%                                   |                                          | 15%                        |                                                          |                                                 | 35%                                                        |                                |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.4                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.0                              |                                                          |                                                      |
| Project Benefit                                                | 0.4                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$430,877                                 |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 10.0                                      |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

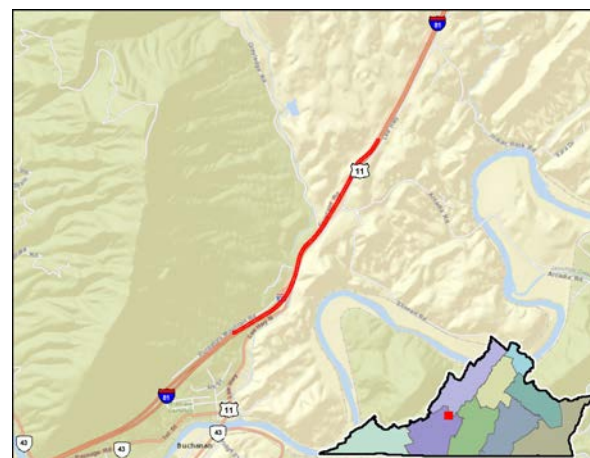
For more information on how to read a scorecard, click [here](#).

I-81 Southbound Safety Improvements MM167.4 to MM169.5

App Id: 1068

SB I-81 (MM167.4 to MM169.5) safety improvements to include improved pavement surface friction on travel lanes & shoulders, superelevation improvement on 2 curves, increased inside shoulder widths on 2 curves, & closure of the SB Exit 167 off ramp.

Project Location..... Botetourt County  
SMART SCALE Area Type..... D  
Submitting Entity..... Roanoke Valley-Alleghany Regional Commission  
Preliminary Engineering..... Not Started  
Right of Way..... Not Needed  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... High Priority  
VTrans Need..... Crescent Corridor CoSS  
( Click for details )



**3.1**

SMART SCALE  
SCORE

**#175** OF 404 STATEWIDE

**#24** OF 50 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$11,506,900**

Total Project Cost..... **\$11,506,900**

Project Benefit..... **3.6**

Project Benefit / Total Cost..... **3.1**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                      |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted               | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 0.0<br>persons                            | 0.0<br>person hrs.             | 42.1<br>EPDO                          | 317.3<br>EPDO / 100M VMT                 | 0.0<br>jobs per resident   | 0.0<br>jobs per resident                                 | 0.0<br>adjusted users                           | 0.0<br>thousand adj sq. ft.                                | 282,099.1<br>thousand adj daily tons | 1,061,044.0<br>adj. buffer time index  | 0.0<br>adjusted points           | 2.9<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.0                                       | 0.0                            | 12.8                                  | 1.6                                      | 0.0                        | 0.0                                                      | 0.0                                             | 0.0                                                        | 16.7                                 | 0.1                                    | 0.0                              | 5.7                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                  | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.0                                       |                                | 7.2                                   |                                          | 0.0                        |                                                          |                                                 | 3.3                                                        |                                      |                                        | 2.8                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 10%                                       |                                | 30%                                   |                                          | 15%                        |                                                          |                                                 | 35%                                                        |                                      |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 2.2                                   |                                          | 0.0                        |                                                          |                                                 | 1.2                                                        |                                      |                                        | 0.3                              |                                                          |                                                      |
| Project Benefit                                                | 3.6                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                      |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$11,506,900                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                      |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 3.1                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                      |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

For more information on how to read a scorecard, click [here](#).

## E. Stuart Drive Sidewalk Project

App Id: 1129

Construction of 10,000 feet of new sidewalks along E. Stuart Dr. (a corridor of statewide significance) to create safe walking and economic growth while resolving pedestrian safety issues

Project Location..... Galax  
SMART SCALE Area Type..... D  
Submitting Entity..... Galax City  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... Locality  
Eligible Funding Program(s)..... Both  
VTrans Need..... Southside Corridor CoSS  
( [Click for details](#) )



# 3.4

SMART SCALE  
SCORE

**#168** OF 404 STATEWIDE

**#23** OF 50 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$2,542,939**

Total Project Cost..... **\$2,542,939**

Project Benefit..... **0.9**

Project Benefit / Total Cost..... **3.4**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 15.9<br>persons                           | 0.0<br>person hrs.             | 10.1<br>EPDO                          | 84.2<br>EPDO / 100M VMT                  | 0.0<br>jobs per resident   | 0.0<br>jobs per resident                                 | 23.9<br>adjusted users                          | 327,000.0<br>thousand adj sq. ft.                          | 0.0<br>thousand adj daily tons | 0.0<br>adj. buffer time index          | 31.9<br>adjusted points          | 0.8<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.2                                       | 0.0                            | 3.1                                   | 0.4                                      | 0.0                        | 0.0                                                      | 0.2                                             | 1.2                                                        | 0.0                            | 0.0                                    | 0.2                              | 1.5                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.1                                       |                                | 1.7                                   |                                          | 0.0                        |                                                          |                                                 | 0.7                                                        |                                |                                        | 0.8                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 10%                                       |                                | 30%                                   |                                          | 15%                        |                                                          |                                                 | 35%                                                        |                                |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.5                                   |                                          | 0.0                        |                                                          |                                                 | 0.2                                                        |                                |                                        | 0.1                              |                                                          |                                                      |
| Project Benefit                                                | 0.9                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$2,542,939                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 3.4                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

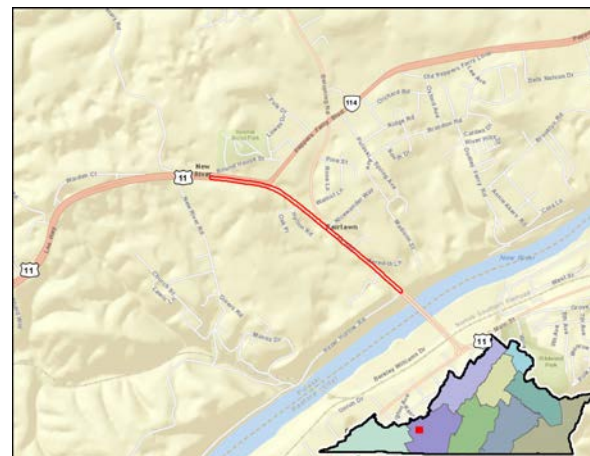
For more information on how to read a scorecard, click [here](#).

Route 11 Traffic Improvements Project - Pulaski County

App Id: 1157

The project will include the addition of two turn lanes and pedestrian improvements at the intersections, multiple commercial entrance improvements, the extension of sidewalks along the North bound lane of Route 11 in Fairlawn, VA.

Project Location..... Pulaski County  
 SMART SCALE Area Type..... C  
 Submitting Entity..... Pulaski County  
 Preliminary Engineering..... Not Started  
 Right of Way..... Not Started  
 Construction..... Not Started  
 Expenditures to Date..... N/A  
 Key Fund Sources..... N/A  
 Administered By..... Locality  
 Eligible Funding Program(s)..... Both  
 VTrans Need..... New River Valley Regional Network  
 ( [Click for details](#) )



**2.0**

SMART SCALE  
SCORE

**#229** OF 404 STATEWIDE

**#32** OF 50 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$4,485,698**

Total Project Cost..... **\$4,485,698**

Project Benefit..... **0.9**

Project Benefit / Total Cost..... **2.0**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 17.4<br>persons                           | 9.8<br>person hrs.             | 9.7<br>EPDO                           | 151.4<br>EPDO / 100M VMT                 | 0.0<br>jobs per resident   | 0.0<br>jobs per resident                                 | 87.1<br>adjusted users                          | 431,828.5<br>thousand adj sq. ft.                          | 0.0<br>thousand adj daily tons | 13,793,828.4<br>adj. buffer time index | 52.3<br>adjusted points          | 0.6<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.2                                       | 0.3                            | 2.9                                   | 0.8                                      | 0.0                        | 0.0                                                      | 0.6                                             | 1.5                                                        | 0.0                            | 1.0                                    | 0.3                              | 1.2                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.2                                       |                                | 1.9                                   |                                          | 0.1                        |                                                          |                                                 | 1.1                                                        |                                |                                        | 0.7                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 25%                                   |                                          | 25%                        |                                                          |                                                 | 25%                                                        |                                |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.5                                   |                                          | 0.0                        |                                                          |                                                 | 0.3                                                        |                                |                                        | 0.1                              |                                                          |                                                      |
| Project Benefit                                                | 0.9                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$4,485,698                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 2.0                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |



# PROJECT SCORECARD

For more information on how to read a scorecard, click [here](#).

Walnut Avenue Improvement Project

App Id: 1169

The project will provide curb and gutter, sidewalk, crosswalk and bicycle lane striping, lighting and ADA ramps.

Project Location..... Vinton Town  
SMART SCALE Area Type..... B  
Submitting Entity..... Vinton Town  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... District Grant  
VTrans Need..... Walnut Avenue West UDA  
( Click for details )



**5.0**

SMART SCALE  
SCORE

**#136** OF 404 STATEWIDE

**#22** OF 50 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$2,796,828**

Total Project Cost..... **\$2,796,828**

Project Benefit..... **1.4**

Project Benefit / Total Cost..... **5.0**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 18.6<br>persons                           | 0.0<br>person hrs.             | 1.7<br>EPDO                           | 173.1<br>EPDO / 100M VMT                 | 1.0<br>jobs per resident   | 1.0<br>jobs per resident                                 | 55.7<br>adjusted users                          | 35,976.5<br>thousand adj sq. ft.                           | 0.0<br>thousand adj daily tons | 0.0<br>adj. buffer time index          | 74.3<br>adjusted points          | 1.1<br>scaled points                                     | 12,249.5<br>adjusted jobs & pop.                     |
| Normalized Measure Value (0-100)                               | 0.2                                       | 0.0                            | 0.5                                   | 0.9                                      | 0.0                        | 0.0                                                      | 0.4                                             | 0.1                                                        | 0.0                            | 0.0                                    | 0.4                              | 2.0                                                      | 10.8                                                 |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 0.1                                       |                                | 0.7                                   |                                          | 0.1                        |                                                          |                                                 | 0.1                                                        |                                |                                        | 1.2                              |                                                          | 10.8                                                 |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 20%                                   |                                          | 25%                        |                                                          |                                                 | 20%                                                        |                                |                                        | 10%                              |                                                          | 10%                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.1                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.1                              |                                                          | 1.1                                                  |
| Project Benefit                                                | 1.4                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$2,796,828                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 5.0                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

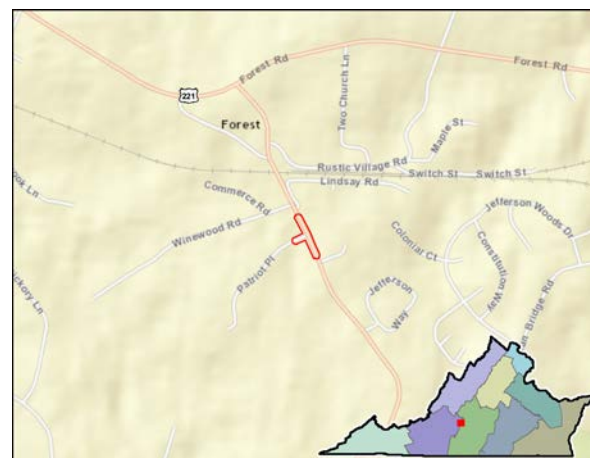
For more information on how to read a scorecard, click [here](#).

Patriot Place Roundabout

App Id: 1184

Constructing a roundabout at the intersection of Patriot Place and Route 811 adjacent to Thomas Jefferson Elementary School to alleviate a.m. and p.m. peak hour congestion caused by passenger vehicles and school buses entering and leaving the site.

Project Location..... Bedford County  
SMART SCALE Area Type..... C  
Submitting Entity..... Bedford County  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... Both  
VTrans Need..... Lynchburg Regional Network  
( [Click for details](#) )



**46.6**

SMART SCALE  
SCORE

**#18**

OF 404 STATEWIDE

**#3**

OF 50 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$3,512,243**

Total Project Cost..... **\$3,512,243**

Project Benefit..... **16.4**

Project Benefit / Total Cost..... **46.6**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 0.0<br>persons                            | 0.0<br>person hrs.             | 0.0<br>EPDO                           | 0.0<br>EPDO / 100M VMT                   | 0.0<br>jobs per resident   | 0.0<br>jobs per resident                                 | 0.0<br>adjusted users                           | 28,173,817.6<br>thousand adj sq. ft.                       | 0.0<br>thousand adj daily tons | 0.0<br>adj. buffer time index          | 0.0<br>adjusted points           | 14.2<br>scaled points                                    | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.0                                       | 0.0                            | 0.0                                   | 0.0                                      | 0.0                        | 0.0                                                      | 0.0                                             | 100.0                                                      | 0.0                            | 0.0                                    | 0.0                              | 27.5                                                     |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.0                                       |                                | 0.0                                   |                                          | 0.0                        |                                                          |                                                 | 60.0                                                       |                                |                                        | 13.8                             |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 25%                                   |                                          | 25%                        |                                                          |                                                 | 25%                                                        |                                |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.0                                   |                                          | 0.0                        |                                                          |                                                 | 15.0                                                       |                                |                                        | 1.4                              |                                                          |                                                      |
| Project Benefit                                                | 16.4                                      |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$3,512,243                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 46.6                                      |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

For more information on how to read a scorecard, click here.

Right turn lane northbound Route 811 at Route 622.

App Id: 1209

Construct a new northbound right turn lane and taper on Thomas Jefferson Road (Route 811) at Waterlick Road (Route 622).

Project Location..... Bedford County  
SMART SCALE Area Type..... C  
Submitting Entity..... Bedford County  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... District Grant  
VTrans Need..... Safety: Crash History and Geometric Issue  
( Click for details )



**20.3**

SMART SCALE  
SCORE

**#48**

OF 404 STATEWIDE

**#9**

OF 50 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$321,404**

Total Project Cost..... **\$321,404**

Project Benefit..... **0.7**

Project Benefit / Total Cost..... **20.3**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                    |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted             | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 0.0<br>persons                            | 4.1<br>person hrs.             | 1.7<br>EPDO                           | 371.6<br>EPDO / 100M VMT                 | 2.3<br>jobs per resident   | 2.4<br>jobs per resident                                 | 0.0<br>adjusted users                           | 474,370.0<br>thousand adj sq. ft.                          | 5,427.0<br>thousand adj daily tons | 0.0<br>adj. buffer time index          | 0.0<br>adjusted points           | 0.6<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.0                                       | 0.1                            | 0.5                                   | 1.9                                      | 0.1                        | 0.1                                                      | 0.0                                             | 1.7                                                        | 0.3                                | 0.0                                    | 0.0                              | 1.1                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.1                                       |                                | 1.2                                   |                                          | 0.1                        |                                                          |                                                 | 1.1                                                        |                                    |                                        | 0.5                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 25%                                   |                                          | 25%                        |                                                          |                                                 | 25%                                                        |                                    |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.3                                   |                                          | 0.0                        |                                                          |                                                 | 0.3                                                        |                                    |                                        | 0.1                              |                                                          |                                                      |
| Project Benefit                                                | 0.7                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$321,404                                 |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 20.3                                      |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

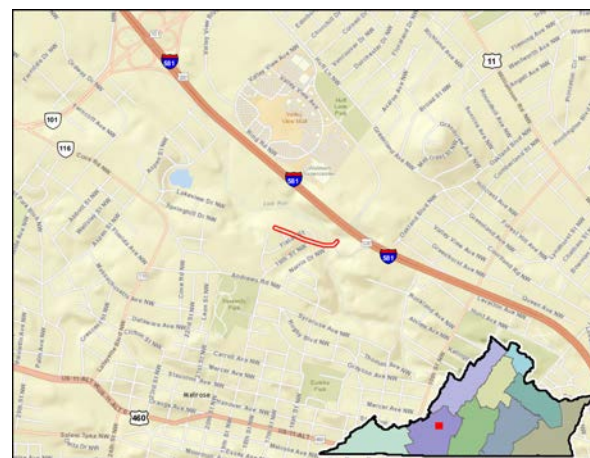
For more information on how to read a scorecard, click [here](#).

Valley View Boulevard Extension

App Id: 1232

This project will extend Valley View Boulevard from its interchange with I-581 west to a point at which access in accordance with access management requirements can be provided to approximately 100 acres of land available for development.

Project Location..... Roanoke  
SMART SCALE Area Type..... B  
Submitting Entity..... Roanoke City  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... Locality  
Eligible Funding Program(s)..... Both  
VTrans Need..... Roanoke Regional Network  
( [Click for details](#) )



**0.6**

SMART SCALE  
SCORE

**#323** OF 404 STATEWIDE

**#42** OF 50 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$46,017,000**

Total Project Cost..... **\$46,017,000**

Project Benefit..... **2.9**

Project Benefit / Total Cost..... **0.6**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 372.1<br>persons                          | 64.0<br>person hrs.            | 0.0<br>EPDO                           | 0.0<br>EPDO / 100M VMT                   | 0.0<br>jobs per resident   | 0.0<br>jobs per resident                                 | 15.2<br>adjusted users                          | 1,000,500.0<br>thousand adj sq. ft.                        | 0.0<br>thousand adj daily tons | 17,157.5<br>adj. buffer time index     | 20.2<br>adjusted points          | 2.4<br>scaled points                                     | 20,047.8<br>adjusted jobs & pop.                     |
| Normalized Measure Value (0-100)                               | 3.7                                       | 2.0                            | 0.0                                   | 0.0                                      | 0.0                        | 0.0                                                      | 0.1                                             | 3.6                                                        | 0.0                            | 0.0                                    | 0.1                              | 4.7                                                      | 17.7                                                 |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 2.8                                       |                                | 0.0                                   |                                          | 0.0                        |                                                          |                                                 | 2.1                                                        |                                |                                        | 2.4                              |                                                          | 17.7                                                 |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 20%                                   |                                          | 25%                        |                                                          |                                                 | 20%                                                        |                                |                                        | 10%                              |                                                          | 10%                                                  |
| Weighted Factor Value                                          | 0.4                                       |                                | 0.0                                   |                                          | 0.0                        |                                                          |                                                 | 0.4                                                        |                                |                                        | 0.2                              |                                                          | 1.8                                                  |
| Project Benefit                                                | 2.9                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$46,017,000                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 0.6                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |



# PROJECT SCORECARD

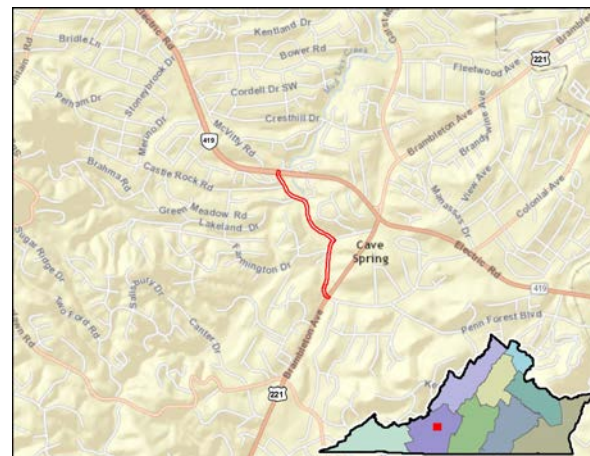
For more information on how to read a scorecard, click [here](#).

McVitty Road and Old Cave Spring Road Improvements

App Id: 1242

This is an existing Secondary System Construction Program project in Roanoke County, UPC 15187 and 15188. Route 1662 (McVitty Road) and Route 1663 (Old Cave Spring Road) will be widened from the existing width of 18 feet to 22 feet.

Project Location..... Roanoke County  
SMART SCALE Area Type..... B  
Submitting Entity..... Roanoke County  
Preliminary Engineering..... Underway  
Right of Way..... Underway  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... District Grant  
VTrans Need..... Cave Spring/Windsor Hills Designated Growth Area  
( [Click for details](#) )



**2.6**

SMART SCALE  
SCORE

**#196** OF 404 STATEWIDE

**#25** OF 50 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$13,055,148**

Total Project Cost..... **\$20,093,190**

Project Benefit..... **3.3**

Project Benefit / Total Cost..... **1.7**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 0.0<br>persons                            | 90.8<br>person hrs.            | 30.2<br>EPDO                          | 666.4<br>EPDO / 100M VMT                 | 7.9<br>jobs per resident   | 8.2<br>jobs per resident                                 | 0.0<br>adjusted users                           | 659,809.3<br>thousand adj sq. ft.                          | 0.0<br>thousand adj daily tons | 9,516,575.5<br>adj. buffer time index  | 0.0<br>adjusted points           | 2.9<br>scaled points                                     | 13,823.3<br>adjusted jobs & pop.                     |
| Normalized Measure Value (0-100)                               | 0.0                                       | 2.8                            | 9.2                                   | 3.5                                      | 0.3                        | 0.3                                                      | 0.0                                             | 2.3                                                        | 0.0                            | 0.7                                    | 0.0                              | 5.6                                                      | 12.2                                                 |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 1.4                                       |                                | 6.3                                   |                                          | 0.2                        |                                                          |                                                 | 1.5                                                        |                                |                                        | 2.8                              |                                                          | 12.2                                                 |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 20%                                   |                                          | 25%                        |                                                          |                                                 | 20%                                                        |                                |                                        | 10%                              |                                                          | 10%                                                  |
| Weighted Factor Value                                          | 0.2                                       |                                | 1.3                                   |                                          | 0.1                        |                                                          |                                                 | 0.3                                                        |                                |                                        | 0.3                              |                                                          | 1.2                                                  |
| Project Benefit                                                | 3.3                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$13,055,148                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 2.6                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

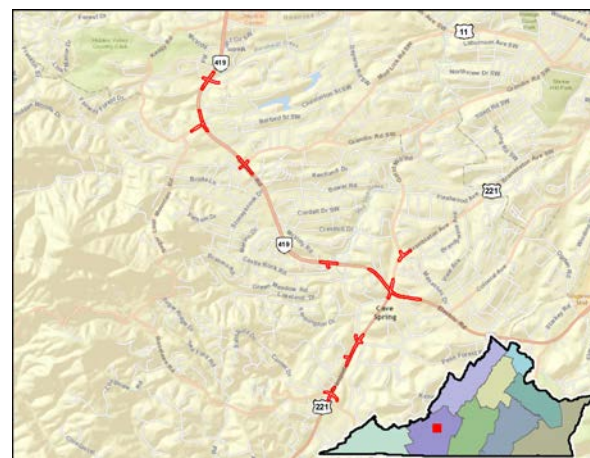
For more information on how to read a scorecard, click here.

Route 419 and Route 221 Adaptive Traffic Control

App Id: 1243

This project will add Adaptive Traffic Control systems to seven existing traffic signals on Route 419, and to four existing traffic signals on Route 221, in the Cave Spring and Oak Grove areas of Roanoke County.

Project Location..... Roanoke County  
SMART SCALE Area Type..... B  
Submitting Entity..... Roanoke County  
Preliminary Engineering..... Not Started  
Right of Way..... Not Needed  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... Both  
VTrans Need..... Roanoke Regional Network  
( Click for details )



**50.2**

SMART SCALE  
SCORE

**#16**

OF 404 STATEWIDE

**#2**

OF 50 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$663,457**

Total Project Cost..... **\$663,457**

Project Benefit..... **3.3**

Project Benefit / Total Cost..... **50.2**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 0.0<br>persons                            | 12.0<br>person hrs.            | 27.0<br>EPDO                          | 157.2<br>EPDO / 100M VMT                 | 0.0<br>jobs per resident   | 0.0<br>jobs per resident                                 | 0.0<br>adjusted users                           | 1,691,332.8<br>thousand adj sq. ft.                        | 0.0<br>thousand adj daily tons | 14,744,432.1<br>adj. buffer time index | 0.0<br>adjusted points           | 3.0<br>scaled points                                     | 15,163.0<br>adjusted jobs & pop.                     |
| Normalized Measure Value (0-100)                               | 0.0                                       | 0.4                            | 8.2                                   | 0.8                                      | 0.0                        | 0.0                                                      | 0.0                                             | 6.0                                                        | 0.0                            | 1.1                                    | 0.0                              | 5.9                                                      | 13.4                                                 |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 0.2                                       |                                | 4.5                                   |                                          | 0.0                        |                                                          |                                                 | 3.8                                                        |                                |                                        | 2.9                              |                                                          | 13.4                                                 |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 20%                                   |                                          | 25%                        |                                                          |                                                 | 20%                                                        |                                |                                        | 10%                              |                                                          | 10%                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.9                                   |                                          | 0.0                        |                                                          |                                                 | 0.8                                                        |                                |                                        | 0.3                              |                                                          | 1.3                                                  |
| Project Benefit                                                | 3.3                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$663,457                                 |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 50.2                                      |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

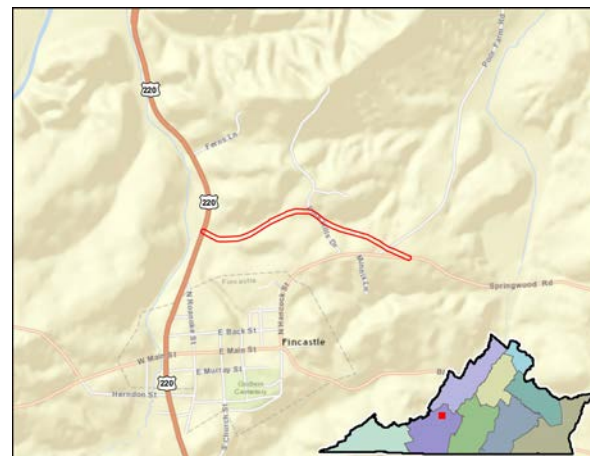
For more information on how to read a scorecard, click [here](#).

Fincastle Bypass

App Id: 1287

New Alignment Roadway from Route 220 North to improved intersection with Route 630 and 681.

Project Location..... Botetourt County  
SMART SCALE Area Type..... D  
Submitting Entity..... Botetourt County  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... Both  
VTrans Need..... Crescent Corridor CoSS  
( Click for details )



**0.5**

SMART SCALE  
SCORE

**#336** OF 404 STATEWIDE

**#44** OF 50 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$10,221,990**

Total Project Cost..... **\$10,221,990**

Project Benefit..... **0.5**

Project Benefit / Total Cost..... **0.5**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 347.0<br>persons                          | 144.0<br>person hrs.           | 0.0<br>EPDO                           | 0.0<br>EPDO / 100M VMT                   | 17.6<br>jobs per resident  | 18.4<br>jobs per resident                                | 0.0<br>adjusted users                           | 0.0<br>thousand adj sq. ft.                                | 0.0<br>thousand adj daily tons | 6,263.4<br>adj. buffer time index      | 0.0<br>adjusted points           | 0.4<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 3.4                                       | 4.4                            | 0.0                                   | 0.0                                      | 0.7                        | 0.7                                                      | 0.0                                             | 0.0                                                        | 0.0                            | 0.0                                    | 0.0                              | 0.8                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 3.9                                       |                                | 0.0                                   |                                          | 0.5                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.4                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 10%                                       |                                | 30%                                   |                                          | 15%                        |                                                          |                                                 | 35%                                                        |                                |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.4                                       |                                | 0.0                                   |                                          | 0.1                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.0                              |                                                          |                                                      |
| Project Benefit                                                | 0.5                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$10,221,990                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 0.5                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

For more information on how to read a scorecard, click [here](#).

Exit 150 Park and Ride

App Id: 1291

Construct New Park and Ride facility near Exit 150 in Daleville. The purpose of this project is to accommodate existing and growing demand of local commuters to Roanoke and other employment destinations and future Regional Transit opportunities.

Project Location..... Botetourt County  
SMART SCALE Area Type..... B  
Submitting Entity..... Botetourt County  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... Both  
VTrans Need..... Crescent Corridor CoSS  
( Click for details )



**1.3**

SMART SCALE  
SCORE

**#266** OF 404 STATEWIDE

**#37** OF 50 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$7,731,926**

Total Project Cost..... **\$7,731,926**

Project Benefit..... **1.0**

Project Benefit / Total Cost..... **1.3**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                    |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted             | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 38.4<br>persons                           | 13.6<br>person hrs.            | 3.5<br>EPDO                           | 0.4<br>EPDO / 100M VMT                   | 33.2<br>jobs per resident  | 33.7<br>jobs per resident                                | 192.0<br>adjusted users                         | 120,864.5<br>thousand adj sq. ft.                          | 2,922.2<br>thousand adj daily tons | 0.0<br>adj. buffer time index          | 1,041.9<br>adjusted points       | 0.9<br>scaled points                                     | 772.9<br>adjusted jobs & pop.                        |
| Normalized Measure Value (0-100)                               | 0.4                                       | 0.4                            | 1.1                                   | 0.0                                      | 1.3                        | 1.3                                                      | 1.3                                             | 0.4                                                        | 0.2                                | 0.0                                    | 6.1                              | 1.7                                                      | 0.7                                                  |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 0.4                                       |                                | 0.5                                   |                                          | 1.3                        |                                                          |                                                 | 0.3                                                        |                                    |                                        | 3.9                              |                                                          | 0.7                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 20%                                   |                                          | 25%                        |                                                          |                                                 | 20%                                                        |                                    |                                        | 10%                              |                                                          | 10%                                                  |
| Weighted Factor Value                                          | 0.1                                       |                                | 0.1                                   |                                          | 0.3                        |                                                          |                                                 | 0.1                                                        |                                    |                                        | 0.4                              |                                                          | 0.1                                                  |
| Project Benefit                                                | 1.0                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$7,731,926                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 1.3                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |



# PROJECT SCORECARD

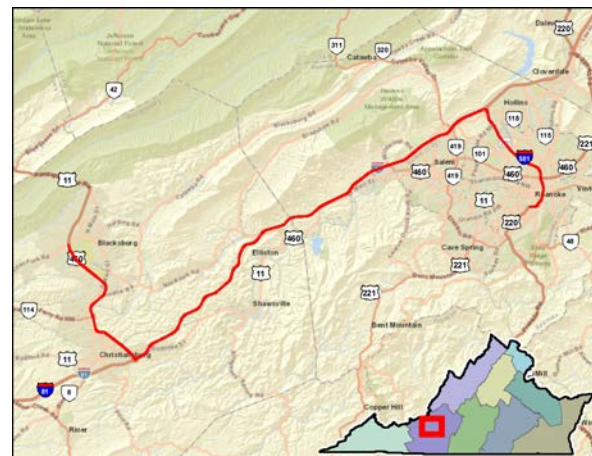
For more information on how to read a scorecard, click [here](#).

Smart Way Vehicle Expansion Project

App Id: 1301

The Greater Roanoke Transit Company (GRTC) wishes to establish an express commuter connection from Virginia Tech (Blacksburg Campus) to the Virginia Tech Carilion Research Institute (VTCRI) located in Roanoke, Virginia.

Project Location..... Multiple  
SMART SCALE Area Type..... B  
Submitting Entity..... Greater Roanoke Transit Company  
Preliminary Engineering..... Not Needed  
Right of Way..... Not Needed  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... Other  
Eligible Funding Program(s)..... High Priority  
VTrans Need..... Roanoke Regional Network  
( Click for details )



**102.4**

SMART SCALE  
SCORE

**#5**

OF 404 STATEWIDE

**#1**

OF 50 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$618,000**

Total Project Cost..... **\$618,000**

Project Benefit..... **6.3**

Project Benefit / Total Cost..... **102.4**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                        |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|----------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted                 | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 32.0<br>persons                           | 10.6<br>person hrs.            | 10.7<br>EPDO                          | 0.0<br>EPDO / 100M VMT                   | 0.0<br>jobs per resident   | 0.0<br>jobs per resident                                 | 160.0<br>adjusted users                         | 134,697.5<br>thousand adj sq. ft.                          | 1,693,798.8<br>thousand adj daily tons | 241,067.4<br>adj. buffer time index    | 866.6<br>adjusted points         | 5.8<br>scaled points                                     | 8,022.3<br>adjusted jobs & pop.                      |
| Normalized Measure Value (0-100)                               | 0.3                                       | 0.3                            | 3.2                                   | 0.0                                      | 0.0                        | 0.0                                                      | 1.1                                             | 0.5                                                        | 100.0                                  | 0.0                                    | 5.1                              | 11.2                                                     | 7.1                                                  |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 100%                                  | 0%                                       | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                    | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 0.3                                       |                                | 3.2                                   |                                          | 0.2                        |                                                          |                                                 | 20.3                                                       |                                        |                                        | 8.1                              |                                                          | 7.1                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 20%                                   |                                          | 25%                        |                                                          |                                                 | 20%                                                        |                                        |                                        | 10%                              |                                                          | 10%                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.6                                   |                                          | 0.1                        |                                                          |                                                 | 4.1                                                        |                                        |                                        | 0.8                              |                                                          | 0.7                                                  |
| Project Benefit                                                | 6.3                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                        |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$618,000                                 |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                        |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 102.4                                     |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                        |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

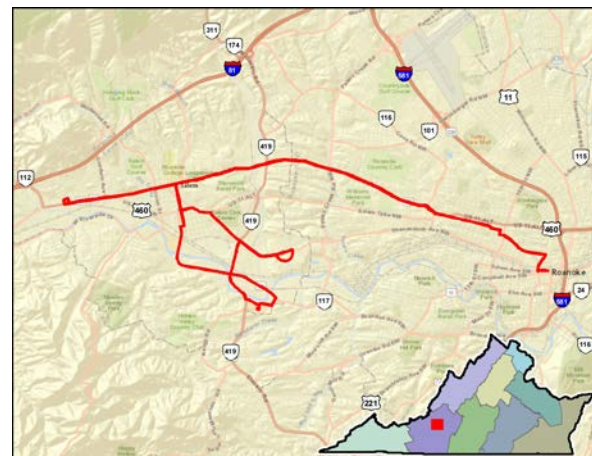
For more information on how to read a scorecard, click [here](#).

Valley Metro's Route 91/92 Vehicle Expansion Project

App Id: 1305

Greater Roanoke Transit Company (GRTC) proposes to replace its 35' transit buses serving the U.S. 460 Corridor in Roanoke and the City of Salem with 40' transit buses due to documented transit ridership growth and insufficient vehicle capacity.

Project Location..... Multiple  
SMART SCALE Area Type..... B  
Submitting Entity..... Greater Roanoke Transit Company  
Preliminary Engineering..... Not Needed  
Right of Way..... Not Needed  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... Other  
Eligible Funding Program(s)..... High Priority  
VTrans Need..... Heartland Corridor CoSS  
( [Click for details](#) )



**14.5**

SMART SCALE  
SCORE

**#60**

OF 404 STATEWIDE

**#10**

OF 50 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$1,700,000**

Total Project Cost..... **\$1,700,000**

Project Benefit..... **2.5**

Project Benefit / Total Cost..... **14.5**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                     |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|-------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted              | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 42.0<br>persons                           | 0.0<br>person hrs.             | 9.6<br>EPDO                           | 0.0<br>EPDO / 100M VMT                   | 0.0<br>jobs per resident   | 0.0<br>jobs per resident                                 | 210.0<br>adjusted users                         | 0.0<br>thousand adj sq. ft.                                | 55,866.8<br>thousand adj daily tons | 0.0<br>adj. buffer time index          | 126.0<br>adjusted points         | 2.2<br>scaled points                                     | 15,702.8<br>adjusted jobs & pop.                     |
| Normalized Measure Value (0-100)                               | 0.4                                       | 0.0                            | 2.9                                   | 0.0                                      | 0.0                        | 0.0                                                      | 1.4                                             | 0.0                                                        | 3.3                                 | 0.0                                    | 0.7                              | 4.4                                                      | 13.9                                                 |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 100%                                  | 0%                                       | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                 | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 0.2                                       |                                | 2.9                                   |                                          | 0.3                        |                                                          |                                                 | 0.7                                                        |                                     |                                        | 2.5                              |                                                          | 13.9                                                 |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 20%                                   |                                          | 25%                        |                                                          |                                                 | 20%                                                        |                                     |                                        | 10%                              |                                                          | 10%                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.6                                   |                                          | 0.1                        |                                                          |                                                 | 0.1                                                        |                                     |                                        | 0.3                              |                                                          | 1.4                                                  |
| Project Benefit                                                | 2.5                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$1,700,000                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 14.5                                      |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

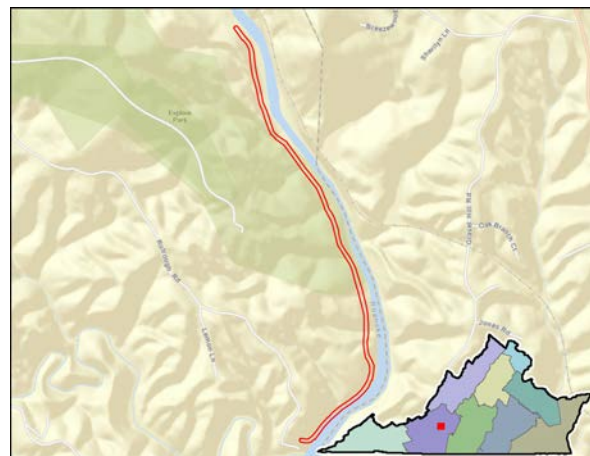
For more information on how to read a scorecard, click [here](#).

Roanoke River Greenway - Explore Park to Rutrough Road

App Id: 1309

The proposed Roanoke River Greenway will provide a 1.8 mile extension through Explore Park connecting bicyclists and pedestrians to Rutrough Road (Route 618), the Blue Ridge Parkway, and over 14 miles of existing recreational trails.

Project Location..... Roanoke County  
 SMART SCALE Area Type..... B  
 Submitting Entity..... Roanoke County  
 Preliminary Engineering..... Not Started  
 Right of Way..... Not Needed  
 Construction..... Not Started  
 Expenditures to Date..... N/A  
 Key Fund Sources..... N/A  
 Administered By..... Locality  
 Eligible Funding Program(s)..... Both  
 VTrans Need..... Roanoke Regional Network  
 ( [Click for details](#) )



**0.4**

SMART SCALE  
SCORE

**#352** OF 404 STATEWIDE

**#45** OF 50 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$3,263,161**

Total Project Cost..... **\$3,263,161**

Project Benefit..... **0.1**

Project Benefit / Total Cost..... **0.4**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 5.1<br>persons                            | 0.0<br>person hrs.             | 0.0<br>EPDO                           | 0.0<br>EPDO / 100M VMT                   | 0.0<br>jobs per resident   | 0.0<br>jobs per resident                                 | 15.3<br>adjusted users                          | 142,736.0<br>thousand adj sq. ft.                          | 0.0<br>thousand adj daily tons | 0.0<br>adj. buffer time index          | 20.4<br>adjusted points          | 0.1<br>scaled points                                     | 390.8<br>adjusted jobs & pop.                        |
| Normalized Measure Value (0-100)                               | 0.1                                       | 0.0                            | 0.0                                   | 0.0                                      | 0.0                        | 0.0                                                      | 0.1                                             | 0.5                                                        | 0.0                            | 0.0                                    | 0.1                              | 0.1                                                      | 0.3                                                  |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 0.0                                       |                                | 0.0                                   |                                          | 0.0                        |                                                          |                                                 | 0.3                                                        |                                |                                        | 0.1                              |                                                          | 0.3                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 20%                                   |                                          | 25%                        |                                                          |                                                 | 20%                                                        |                                |                                        | 10%                              |                                                          | 10%                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.0                                   |                                          | 0.0                        |                                                          |                                                 | 0.1                                                        |                                |                                        | 0.0                              |                                                          | 0.0                                                  |
| Project Benefit                                                | 0.1                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$3,263,161                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 0.4                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |



# PROJECT SCORECARD

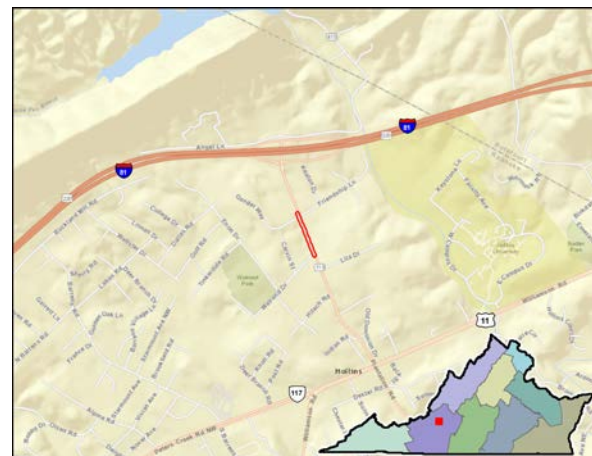
For more information on how to read a scorecard, click [here](#).

Plantation Road Bicycle, Pedestrian and Streetscape Phase II

App Id: 1310

Continue the Plantation Road Project by constructing sidewalk, curb, gutter, drainage systems and landscaping between Walrond Drive and Gander Way, on the west side of Plantation Road. Add pedestrian signals and crosswalks at the Gander Way signal.

Project Location..... Roanoke County  
SMART SCALE Area Type..... B  
Submitting Entity..... Roanoke County  
Preliminary Engineering..... Underway  
Right of Way..... Underway  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... Locality  
Eligible Funding Program(s)..... Both  
VTrans Need..... Roanoke Regional Network  
( [Click for details](#) )



**12.3**

SMART SCALE  
SCORE

**#62**

OF 404 STATEWIDE

**#11**

OF 50 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$1,752,213**

Total Project Cost..... **\$1,752,213**

Project Benefit..... **2.2**

Project Benefit / Total Cost..... **12.3**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 15.0<br>persons                           | 0.0<br>person hrs.             | 0.6<br>EPDO                           | 58.3<br>EPDO / 100M VMT                  | 0.2<br>jobs per resident   | 0.1<br>jobs per resident                                 | 22.6<br>adjusted users                          | 3,102,855.5<br>thousand adj sq. ft.                        | 0.0<br>thousand adj daily tons | 831,568.6<br>adj. buffer time index    | 30.1<br>adjusted points          | 1.9<br>scaled points                                     | 6,521.8<br>adjusted jobs & pop.                      |
| Normalized Measure Value (0-100)                               | 0.1                                       | 0.0                            | 0.2                                   | 0.3                                      | 0.0                        | 0.0                                                      | 0.2                                             | 11.0                                                       | 0.0                            | 0.1                                    | 0.2                              | 3.6                                                      | 5.8                                                  |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 0.1                                       |                                | 0.2                                   |                                          | 0.0                        |                                                          |                                                 | 6.6                                                        |                                |                                        | 1.9                              |                                                          | 5.8                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 20%                                   |                                          | 25%                        |                                                          |                                                 | 20%                                                        |                                |                                        | 10%                              |                                                          | 10%                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.0                                   |                                          | 0.0                        |                                                          |                                                 | 1.3                                                        |                                |                                        | 0.2                              |                                                          | 0.6                                                  |
| Project Benefit                                                | 2.2                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$1,752,213                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 12.3                                      |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |



# PROJECT SCORECARD

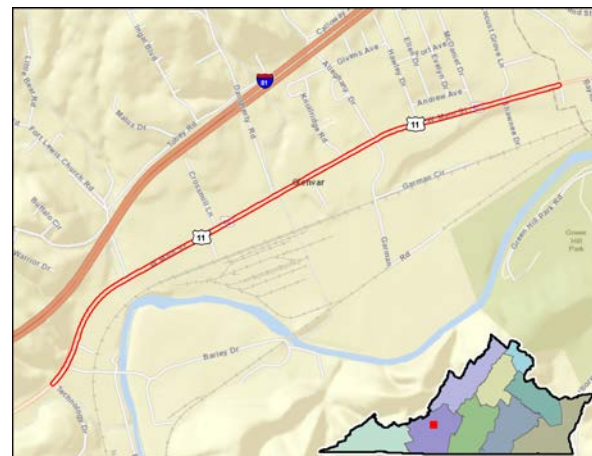
For more information on how to read a scorecard, click [here](#).

West Main Street Sidewalk

App Id: 1312

Install sidewalk, crosswalks and pedestrian signals along West Main Street, Route 11/460.

Project Location..... Roanoke County  
SMART SCALE Area Type..... B  
Submitting Entity..... Roanoke County  
Preliminary Engineering..... Not Started  
Right of Way..... Not Needed  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... Both  
VTrans Need..... Crescent Corridor CoSS  
( [Click for details](#) )



**21.6**

SMART SCALE  
SCORE

**#44**

OF 404 STATEWIDE

**#7**

OF 50 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$902,699**

Total Project Cost..... **\$1,036,699**

Project Benefit..... **2.0**

Project Benefit / Total Cost..... **18.8**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 31.6<br>persons                           | 0.0<br>person hrs.             | 3.7<br>EPDO                           | 35.9<br>EPDO / 100M VMT                  | 10.7<br>jobs per resident  | 10.4<br>jobs per resident                                | 47.4<br>adjusted users                          | 3,085,610.0<br>thousand adj sq. ft.                        | 0.0<br>thousand adj daily tons | 0.0<br>adj. buffer time index          | 63.2<br>adjusted points          | 1.5<br>scaled points                                     | 2,578.8<br>adjusted jobs & pop.                      |
| Normalized Measure Value (0-100)                               | 0.3                                       | 0.0                            | 1.1                                   | 0.2                                      | 0.4                        | 0.4                                                      | 0.3                                             | 11.0                                                       | 0.0                            | 0.0                                    | 0.4                              | 2.8                                                      | 2.3                                                  |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 0.2                                       |                                | 0.7                                   |                                          | 0.4                        |                                                          |                                                 | 6.6                                                        |                                |                                        | 1.6                              |                                                          | 2.3                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 20%                                   |                                          | 25%                        |                                                          |                                                 | 20%                                                        |                                |                                        | 10%                              |                                                          | 10%                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.1                                   |                                          | 0.1                        |                                                          |                                                 | 1.3                                                        |                                |                                        | 0.2                              |                                                          | 0.2                                                  |
| Project Benefit                                                | 2.0                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$902,699                                 |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 21.6                                      |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

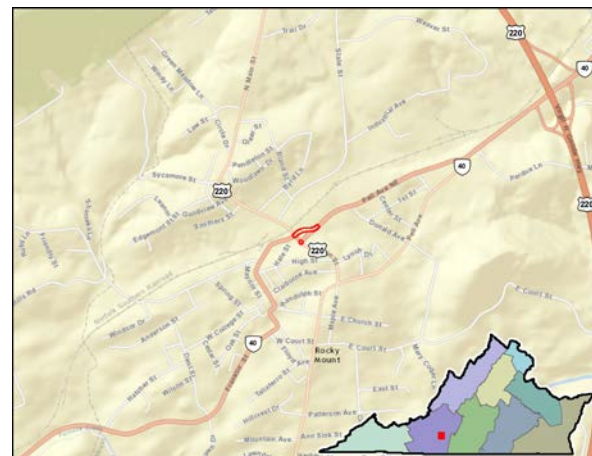
For more information on how to read a scorecard, click [here](#).

Intersection Realignment/Improvement: US 220 Business/SR 40

App Id: 1332

Intersection Realignment/Improvement: US 220 Business/SR 40

Project Location..... Rocky Mount  
SMART SCALE Area Type..... D  
Submitting Entity..... Rocky Mount Town  
Preliminary Engineering..... Underway  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... Both  
VTrans Need..... North Carolina to West Virginia CoSS  
( Click for details )



**9.4**

SMART SCALE  
SCORE

**#80**

OF 404 STATEWIDE

**#15**

OF 50 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$4,926,472**

Total Project Cost..... **\$4,936,472**

Project Benefit..... **4.6**

Project Benefit / Total Cost..... **9.4**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 0.0<br>persons                            | 0.0<br>person hrs.             | 2.1<br>EPDO                           | 280.6<br>EPDO / 100M VMT                 | 0.0<br>jobs per resident   | 0.0<br>jobs per resident                                 | 0.0<br>adjusted users                           | 5,323,645.1<br>thousand adj sq. ft.                        | 0.0<br>thousand adj daily tons | 0.0<br>adj. buffer time index          | 0.0<br>adjusted points           | 3.5<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.0                                       | 0.0                            | 0.6                                   | 1.5                                      | 0.0                        | 0.0                                                      | 0.0                                             | 18.9                                                       | 0.0                            | 0.0                                    | 0.0                              | 6.8                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.0                                       |                                | 1.0                                   |                                          | 0.0                        |                                                          |                                                 | 11.3                                                       |                                |                                        | 3.4                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 10%                                       |                                | 30%                                   |                                          | 15%                        |                                                          |                                                 | 35%                                                        |                                |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.3                                   |                                          | 0.0                        |                                                          |                                                 | 4.0                                                        |                                |                                        | 0.3                              |                                                          |                                                      |
| Project Benefit                                                | 4.6                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$4,926,472                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 9.4                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

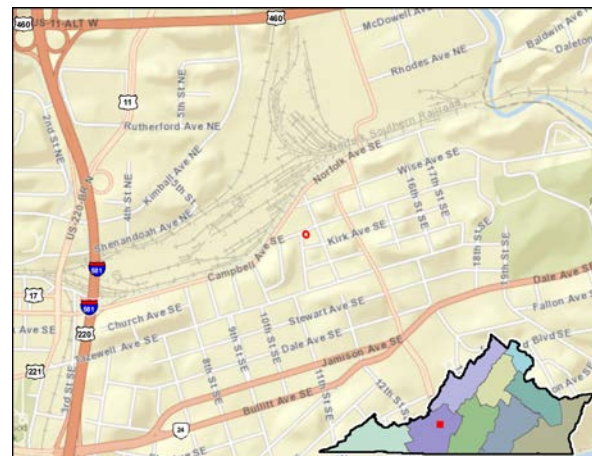
For more information on how to read a scorecard, click [here](#).

Valley Metro's Maintenance Expansion Facility Project

App Id: 1338

The Greater Roanoke Transit Company (GRTC) current maintenance facility has reached its capacity in terms of space and efficient maintenance operations. GRTC proposes to construct a maintenance expansion facility to address its expanding fleet.

Project Location..... Roanoke  
SMART SCALE Area Type..... B  
Submitting Entity..... Greater Roanoke Transit Company  
Preliminary Engineering..... Complete  
Right of Way..... Underway  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... Other  
Eligible Funding Program(s)..... High Priority  
VTrans Need..... Roanoke Regional Network  
( [Click for details](#) )



## 2.1

SMART SCALE  
SCORE

**#218** OF 404 STATEWIDE

**#30** OF 50 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$1,877,560**

Total Project Cost..... **\$2,377,560**

Project Benefit..... **0.4**

Project Benefit / Total Cost..... **1.7**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                     |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|-------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted              | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 93.0<br>persons                           | 0.0<br>person hrs.             | 0.0<br>EPDO                           | 0.0<br>EPDO / 100M VMT                   | 0.0<br>jobs per resident   | 0.0<br>jobs per resident                                 | 465.0<br>adjusted users                         | 0.0<br>thousand adj sq. ft.                                | 17,365.1<br>thousand adj daily tons | 0.0<br>adj. buffer time index          | 325.5<br>adjusted points         | 0.3<br>scaled points                                     | 0.0<br>adjusted jobs & pop.                          |
| Normalized Measure Value (0-100)                               | 0.9                                       | 0.0                            | 0.0                                   | 0.0                                      | 0.0                        | 0.0                                                      | 3.2                                             | 0.0                                                        | 1.0                                 | 0.0                                    | 1.9                              | 0.6                                                      | 0.0                                                  |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 100%                                  | 0%                                       | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                 | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 0.5                                       |                                | 0.0                                   |                                          | 0.6                        |                                                          |                                                 | 0.2                                                        |                                     |                                        | 1.3                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 20%                                   |                                          | 25%                        |                                                          |                                                 | 20%                                                        |                                     |                                        | 10%                              |                                                          | 10%                                                  |
| Weighted Factor Value                                          | 0.1                                       |                                | 0.0                                   |                                          | 0.2                        |                                                          |                                                 | 0.0                                                        |                                     |                                        | 0.1                              |                                                          | 0.0                                                  |
| Project Benefit                                                | 0.4                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$1,877,560                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 2.1                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

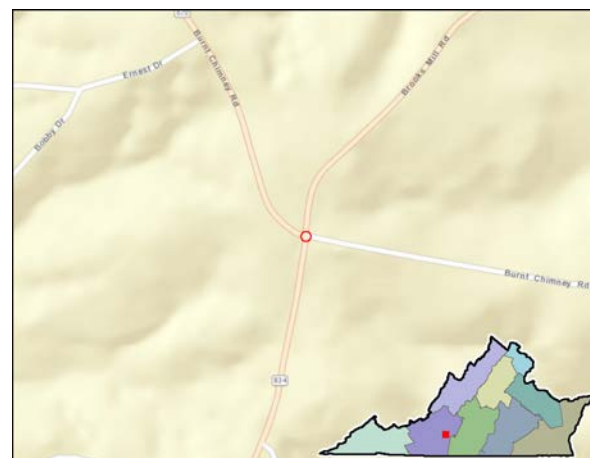
For more information on how to read a scorecard, click [here](#).

Safety Improvements to Route 670 and Route 834

App Id: 1339

This project is to improve safety by realigning Route 834 & 670 by providing better sight distances on each approach, installing a roundabout to better facilitate intersection movement, and providing access management to surrounding businesses.

Project Location..... Franklin County  
SMART SCALE Area Type..... D  
Submitting Entity..... Franklin County  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... District Grant  
VTrans Need..... Safety: PSI Data and Geometric Issue  
( [Click for details](#) )



**20.7**

SMART SCALE  
SCORE

**#47**

OF 404 STATEWIDE

**#8**

OF 50 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$3,940,161**

Total Project Cost..... **\$3,940,161**

Project Benefit..... **8.1**

Project Benefit / Total Cost..... **20.7**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 0.0<br>persons                            | 3.3<br>person hrs.             | 16.0<br>EPDO                          | 7,180.1<br>EPDO / 100M VMT               | 0.0<br>jobs per resident   | 0.0<br>jobs per resident                                 | 0.0<br>adjusted users                           | 1,542,388.3<br>thousand adj sq. ft.                        | 0.0<br>thousand adj daily tons | 0.0<br>adj. buffer time index          | 0.0<br>adjusted points           | 7.1<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.0                                       | 0.1                            | 4.9                                   | 37.2                                     | 0.0                        | 0.0                                                      | 0.0                                             | 5.5                                                        | 0.0                            | 0.0                                    | 0.0                              | 13.8                                                     |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.1                                       |                                | 21.0                                  |                                          | 0.0                        |                                                          |                                                 | 3.3                                                        |                                |                                        | 6.9                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 10%                                       |                                | 30%                                   |                                          | 15%                        |                                                          |                                                 | 35%                                                        |                                |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 6.3                                   |                                          | 0.0                        |                                                          |                                                 | 1.1                                                        |                                |                                        | 0.7                              |                                                          |                                                      |
| Project Benefit                                                | 8.1                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$3,940,161                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 20.7                                      |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |



# PROJECT SCORECARD

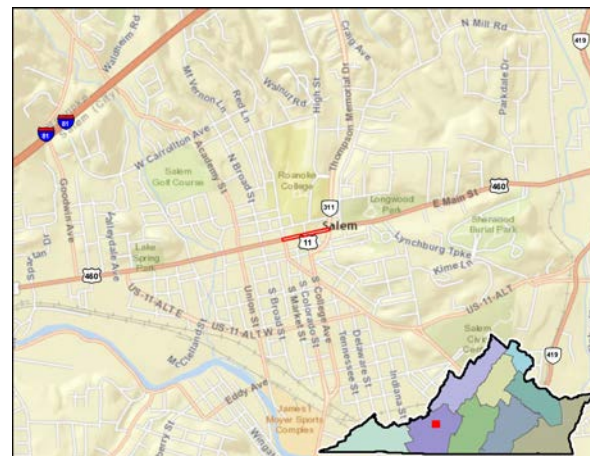
For more information on how to read a scorecard, click [here](#).

Downtown Salem Intersection and Streetscape Improvements

App Id: 1341

Improvements to intersections, transit, turn movements, and streetscape in Downtown Salem

Project Location..... Salem  
SMART SCALE Area Type..... B  
Submitting Entity..... Salem City  
Preliminary Engineering..... Not Started  
Right of Way..... Not Needed  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... Locality  
Eligible Funding Program(s)..... Both  
VTrans Need..... Crescent Corridor CoSS  
( [Click for details](#) )



|                                    |                               |
|------------------------------------|-------------------------------|
| <b>9.1</b><br>SMART SCALE<br>SCORE | <b>#84</b> OF 404 STATEWIDE   |
|                                    | <b>#18</b> OF 50 DISTRICTWIDE |

SMART SCALE Requested Funds..... **\$3,629,869**

Total Project Cost..... **\$3,629,869**

Project Benefit..... **3.3**

Project Benefit / Total Cost..... **9.1**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 42.0<br>persons                           | 1.3<br>person hrs.             | 7.5<br>EPDO                           | 706.5<br>EPDO / 100M VMT                 | 1.5<br>jobs per resident   | 1.4<br>jobs per resident                                 | 209.9<br>adjusted users                         | 2,642,270.0<br>thousand adj sq. ft.                        | 0.0<br>thousand adj daily tons | 727,118.6<br>adj. buffer time index    | 146.9<br>adjusted points         | 2.5<br>scaled points                                     | 13,453.4<br>adjusted jobs & pop.                     |
| Normalized Measure Value (0-100)                               | 0.4                                       | 0.0                            | 2.3                                   | 3.7                                      | 0.1                        | 0.1                                                      | 1.4                                             | 9.4                                                        | 0.0                            | 0.1                                    | 0.9                              | 4.9                                                      | 11.9                                                 |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 0.2                                       |                                | 3.0                                   |                                          | 0.3                        |                                                          |                                                 | 5.6                                                        |                                |                                        | 2.9                              |                                                          | 11.9                                                 |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 20%                                   |                                          | 25%                        |                                                          |                                                 | 20%                                                        |                                |                                        | 10%                              |                                                          | 10%                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.6                                   |                                          | 0.1                        |                                                          |                                                 | 1.1                                                        |                                |                                        | 0.3                              |                                                          | 1.2                                                  |
| Project Benefit                                                | 3.3                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$3,629,869                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 9.1                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

For more information on how to read a scorecard, click here.

UPC 106710 - East Main Street Route 460 Phase II

App Id: 1342

Phase II of East Main Street Route 460 - Kesler Mill to Parkdale UPC 106710. Project is related to UPC 8753.

Project Location..... Salem  
SMART SCALE Area Type..... B  
Submitting Entity..... Salem City  
Preliminary Engineering..... Underway  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... Both  
VTrans Need..... Heartland Corridor CoSS  
( Click for details )



**1.5**

SMART SCALE  
SCORE

**#252** OF 404 STATEWIDE

**#34** OF 50 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$11,509,779**

Total Project Cost..... **\$11,509,779**

Project Benefit..... **1.8**

Project Benefit / Total Cost..... **1.5**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                    |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted             | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 7.8<br>persons                            | 0.0<br>person hrs.             | 1.5<br>EPDO                           | 130.5<br>EPDO / 100M VMT                 | 0.3<br>jobs per resident   | 0.3<br>jobs per resident                                 | 38.8<br>adjusted users                          | 1,224,625.5<br>thousand adj sq. ft.                        | 9,861.9<br>thousand adj daily tons | 275,883.4<br>adj. buffer time index    | 38.8<br>adjusted points          | 1.5<br>scaled points                                     | 10,640.6<br>adjusted jobs & pop.                     |
| Normalized Measure Value (0-100)                               | 0.1                                       | 0.0                            | 0.5                                   | 0.7                                      | 0.0                        | 0.0                                                      | 0.3                                             | 4.3                                                        | 0.6                                | 0.0                                    | 0.2                              | 3.0                                                      | 9.4                                                  |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 0.0                                       |                                | 0.6                                   |                                          | 0.1                        |                                                          |                                                 | 2.7                                                        |                                    |                                        | 1.6                              |                                                          | 9.4                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 20%                                   |                                          | 25%                        |                                                          |                                                 | 20%                                                        |                                    |                                        | 10%                              |                                                          | 10%                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.1                                   |                                          | 0.0                        |                                                          |                                                 | 0.5                                                        |                                    |                                        | 0.2                              |                                                          | 0.9                                                  |
| Project Benefit                                                | 1.8                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$11,509,779                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 1.5                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

For more information on how to read a scorecard, click [here](#).

Mason Creek Greenway Phase 3 - 419 Multimodal Improvements

App Id: 1343

Completes the missing link between the Mason Creek Greenway and Hanging Rock Battlefield Trail, and completes missing links to neighborhoods. Improves transit stops at various locations along US 460 and increases 419 mode choice.

Project Location..... Salem  
SMART SCALE Area Type..... B  
Submitting Entity..... Salem City  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... Locality  
Eligible Funding Program(s)..... Both  
VTrans Need..... Roanoke Regional Network  
( Click for details )



**10.2**

SMART SCALE  
SCORE

**#75**

OF 404 STATEWIDE

**#13**

OF 50 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$2,610,310**

Total Project Cost..... **\$2,610,310**

Project Benefit..... **2.7**

Project Benefit / Total Cost..... **10.2**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 33.0<br>persons                           | 0.0<br>person hrs.             | 13.3<br>EPDO                          | 261.3<br>EPDO / 100M VMT                 | 5.0<br>jobs per resident   | 5.2<br>jobs per resident                                 | 164.9<br>adjusted users                         | 1,807,875.5<br>thousand adj sq. ft.                        | 0.0<br>thousand adj daily tons | 0.0<br>adj. buffer time index          | 98.9<br>adjusted points          | 2.3<br>scaled points                                     | 11,187.9<br>adjusted jobs & pop.                     |
| Normalized Measure Value (0-100)                               | 0.3                                       | 0.0                            | 4.0                                   | 1.4                                      | 0.2                        | 0.2                                                      | 1.1                                             | 6.4                                                        | 0.0                            | 0.0                                    | 0.6                              | 4.5                                                      | 9.9                                                  |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 0.2                                       |                                | 2.7                                   |                                          | 0.4                        |                                                          |                                                 | 3.9                                                        |                                |                                        | 2.5                              |                                                          | 9.9                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 20%                                   |                                          | 25%                        |                                                          |                                                 | 20%                                                        |                                |                                        | 10%                              |                                                          | 10%                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.5                                   |                                          | 0.1                        |                                                          |                                                 | 0.8                                                        |                                |                                        | 0.3                              |                                                          | 1.0                                                  |
| Project Benefit                                                | 2.7                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$2,610,310                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 10.2                                      |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |



# PROJECT SCORECARD

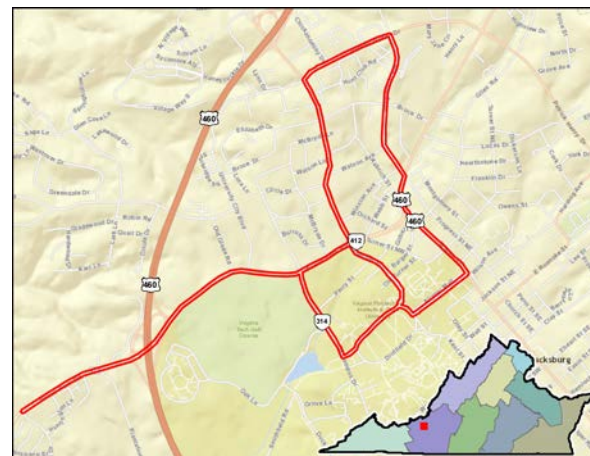
For more information on how to read a scorecard, click [here](#).

Expansion Bus Purchase (2 60' Articulated)

App Id: 1394

Purchase of two (2) 60' Articulated Buses to expand capacity to ease overcrowding on existing routes and prepare for continued increases in ridership as Virginia Tech grows.

Project Location..... Blacksburg  
SMART SCALE Area Type..... C  
Submitting Entity..... Blacksburg Town  
Preliminary Engineering..... Not Needed  
Right of Way..... Not Needed  
Construction..... Not Needed  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... Locality  
Eligible Funding Program(s)..... Both  
VTrans Need..... New River Valley Regional Network  
( [Click for details](#) )



**12.0**

SMART SCALE  
SCORE

**#63**

OF 404 STATEWIDE

**#12**

OF 50 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$1,928,250**

Total Project Cost..... **\$1,928,250**

Project Benefit..... **2.3**

Project Benefit / Total Cost..... **12.0**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                     |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|-------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted              | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 354.0<br>persons                          | 0.4<br>person hrs.             | 14.3<br>EPDO                          | 0.0<br>EPDO / 100M VMT                   | 0.0<br>jobs per resident   | 0.0<br>jobs per resident                                 | 1,770.0<br>adjusted users                       | 0.0<br>thousand adj sq. ft.                                | 19,935.4<br>thousand adj daily tons | 0.0<br>adj. buffer time index          | 354.0<br>adjusted points         | 2.1<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 3.5                                       | 0.0                            | 4.3                                   | 0.0                                      | 0.0                        | 0.0                                                      | 12.1                                            | 0.0                                                        | 1.2                                 | 0.0                                    | 2.1                              | 4.1                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 100%                                  | 0%                                       | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                 | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 1.8                                       |                                | 4.3                                   |                                          | 2.4                        |                                                          |                                                 | 0.2                                                        |                                     |                                        | 3.1                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 25%                                   |                                          | 25%                        |                                                          |                                                 | 25%                                                        |                                     |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.3                                       |                                | 1.1                                   |                                          | 0.6                        |                                                          |                                                 | 0.1                                                        |                                     |                                        | 0.3                              |                                                          |                                                      |
| Project Benefit                                                | 2.3                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$1,928,250                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 12.0                                      |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |



# PROJECT SCORECARD

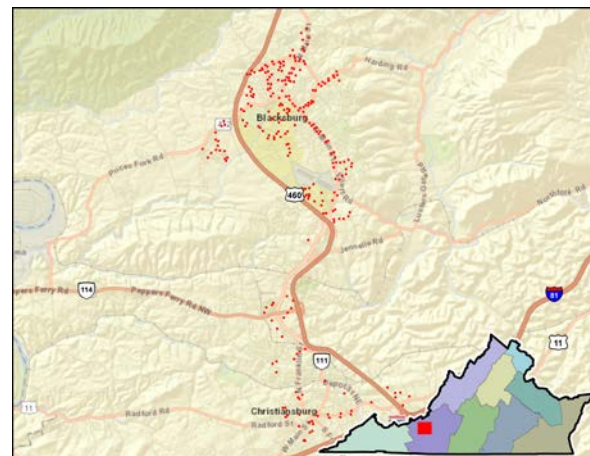
For more information on how to read a scorecard, click [here](#).

## Bus Stop Shelters and Improvements

App Id: 1396

Construction of shelters and bus stop improvements at six (6) locations in Blacksburg and Christiansburg to enhance safety, accessibility and comfort for current and potential customers.

Project Location..... Multiple  
SMART SCALE Area Type..... C  
Submitting Entity..... Blacksburg Town  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... Locality  
Eligible Funding Program(s)..... Both  
VTrans Need..... New River Valley Regional Network  
( Click for details )



**0.0**

SMART SCALE  
SCORE

**#402** OF 404 STATEWIDE

**#49** OF 50 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$152,106**

Total Project Cost..... **\$152,106**

Project Benefit..... **0.0**

Project Benefit / Total Cost..... **0.0**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 0.0<br>persons                            | 0.0<br>person hrs.             | 0.0<br>EPDO                           | 0.0<br>EPDO / 100M VMT                   | 0.0<br>jobs per resident   | 0.0<br>jobs per resident                                 | 0.0<br>adjusted users                           | 0.0<br>thousand adj sq. ft.                                | 0.0<br>thousand adj daily tons | 0.0<br>adj. buffer time index          | 0.0<br>adjusted points           | 0.0<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.0                                       | 0.0                            | 0.0                                   | 0.0                                      | 0.0                        | 0.0                                                      | 0.0                                             | 0.0                                                        | 0.0                            | 0.0                                    | 0.0                              | 0.0                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 100%                                  | 0%                                       | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.0                                       |                                | 0.0                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.0                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 25%                                   |                                          | 25%                        |                                                          |                                                 | 25%                                                        |                                |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.0                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.0                              |                                                          |                                                      |
| Project Benefit                                                | 0.0                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$152,106                                 |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 0.0                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

For more information on how to read a scorecard, click here.

Interstate 77, Exit 1 and Route 620 Improvements

App Id: 1407

I-77, Exit 1 Improvements

Project Location..... Carroll County  
SMART SCALE Area Type..... D  
Submitting Entity..... Carroll County  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... Both  
VTrans Need..... West Mountain Corridor CoSS  
( Click for details )



**2.0**

SMART SCALE  
SCORE

**#224** OF 404 STATEWIDE

**#31** OF 50 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$11,608,130**

Total Project Cost..... **\$11,608,130**

Project Benefit..... **2.4**

Project Benefit / Total Cost..... **2.0**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                      |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted               | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 368.1<br>persons                          | 2.6<br>person hrs.             | 2.1<br>EPDO                           | 200.2<br>EPDO / 100M VMT                 | 0.7<br>jobs per resident   | 0.7<br>jobs per resident                                 | 0.0<br>adjusted users                           | 585,958.0<br>thousand adj sq. ft.                          | 197,152.7<br>thousand adj daily tons | 367,926.6<br>adj. buffer time index    | 1,623.9<br>adjusted points       | 2.1<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 3.6                                       | 0.1                            | 0.6                                   | 1.0                                      | 0.0                        | 0.0                                                      | 0.0                                             | 2.1                                                        | 11.6                                 | 0.0                                    | 9.5                              | 4.0                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                  | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 1.9                                       |                                | 0.8                                   |                                          | 0.0                        |                                                          |                                                 | 3.6                                                        |                                      |                                        | 6.7                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 10%                                       |                                | 30%                                   |                                          | 15%                        |                                                          |                                                 | 35%                                                        |                                      |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.2                                       |                                | 0.2                                   |                                          | 0.0                        |                                                          |                                                 | 1.3                                                        |                                      |                                        | 0.7                              |                                                          |                                                      |
| Project Benefit                                                | 2.4                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                      |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$11,608,130                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                      |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 2.0                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                      |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

For more information on how to read a scorecard, click [here](#).

Franklin Rd Sidewalk Improvements from 3100 block to Rt. 220

App Id: 1410

Construction of new sidewalk along the west side of business 220, Franklin Road, from the 3100 block to the 3700 block.

Project Location..... Roanoke  
SMART SCALE Area Type..... B  
Submitting Entity..... Roanoke City  
Preliminary Engineering..... Not Started  
Right of Way..... Not Needed  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... Locality  
Eligible Funding Program(s)..... District Grant  
VTrans Need..... Roanoke UDA  
( Click for details )



**29.8**

SMART SCALE  
SCORE

**#35**

OF 404 STATEWIDE

**#5**

OF 50 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$1,116,310**

Total Project Cost..... **\$1,116,310**

Project Benefit..... **3.3**

Project Benefit / Total Cost..... **29.8**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 15.0<br>persons                           | 0.0<br>person hrs.             | 19.7<br>EPDO                          | 410.7<br>EPDO / 100M VMT                 | 12.3<br>jobs per resident  | 12.1<br>jobs per resident                                | 75.0<br>adjusted users                          | 0.0<br>thousand adj sq. ft.                                | 0.0<br>thousand adj daily tons | 0.0<br>adj. buffer time index          | 45.0<br>adjusted points          | 2.9<br>scaled points                                     | 23,651.5<br>adjusted jobs & pop.                     |
| Normalized Measure Value (0-100)                               | 0.1                                       | 0.0                            | 6.0                                   | 2.1                                      | 0.5                        | 0.5                                                      | 0.5                                             | 0.0                                                        | 0.0                            | 0.0                                    | 0.3                              | 5.6                                                      | 20.9                                                 |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 0.1                                       |                                | 4.1                                   |                                          | 0.5                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 2.9                              |                                                          | 20.9                                                 |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 20%                                   |                                          | 25%                        |                                                          |                                                 | 20%                                                        |                                |                                        | 10%                              |                                                          | 10%                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.8                                   |                                          | 0.1                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.3                              |                                                          | 2.1                                                  |
| Project Benefit                                                | 3.3                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$1,116,310                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 29.8                                      |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |



# PROJECT SCORECARD

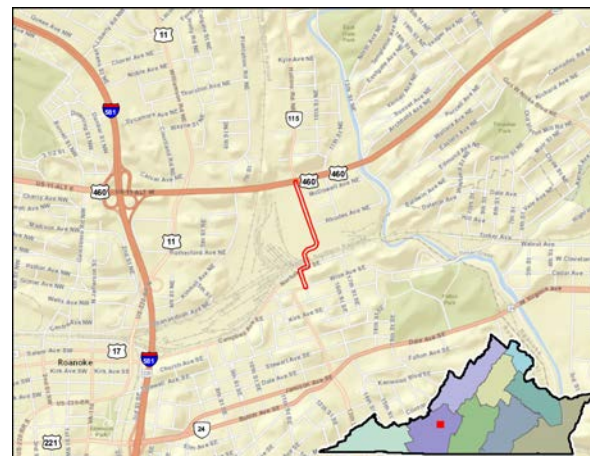
For more information on how to read a scorecard, click [here](#).

13th Street/ Hollins Road Improvements

App Id: 1423

This project will eliminate an at-grade rail crossing of five Norfolk Southern rail lines and improve traffic capacity and operations in an existing heavily commercial corridor.

Project Location..... Roanoke  
SMART SCALE Area Type..... B  
Submitting Entity..... Roanoke City  
Preliminary Engineering..... Underway  
Right of Way..... Underway  
Construction..... Not Started  
Expenditures to Date..... \$16,204,290  
Key Fund Sources..... Fed-State Disc/Local  
Administered By..... VDOT  
Eligible Funding Program(s)..... Both  
VTrans Need..... Roanoke Regional Network  
( Click for details )



**1.0**

SMART SCALE  
SCORE

**#283** OF 404 STATEWIDE

**#38** OF 50 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$37,554,391**

Total Project Cost..... **\$59,912,120**

Project Benefit..... **3.7**

Project Benefit / Total Cost..... **0.6**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 56.6<br>persons                           | 508.3<br>person hrs.           | 12.1<br>EPDO                          | 635.5<br>EPDO / 100M VMT                 | 32.3<br>jobs per resident  | 33.7<br>jobs per resident                                | 169.8<br>adjusted users                         | 955,384.6<br>thousand adj sq. ft.                          | 0.0<br>thousand adj daily tons | 0.0<br>adj. buffer time index          | 471.1<br>adjusted points         | 3.0<br>scaled points                                     | 7,744.7<br>adjusted jobs & pop.                      |
| Normalized Measure Value (0-100)                               | 0.6                                       | 15.6                           | 3.7                                   | 3.3                                      | 1.2                        | 1.3                                                      | 1.2                                             | 3.4                                                        | 0.0                            | 0.0                                    | 2.8                              | 5.9                                                      | 6.8                                                  |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 8.1                                       |                                | 3.5                                   |                                          | 1.2                        |                                                          |                                                 | 2.0                                                        |                                |                                        | 4.3                              |                                                          | 6.8                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 20%                                   |                                          | 25%                        |                                                          |                                                 | 20%                                                        |                                |                                        | 10%                              |                                                          | 10%                                                  |
| Weighted Factor Value                                          | 1.2                                       |                                | 0.7                                   |                                          | 0.3                        |                                                          |                                                 | 0.4                                                        |                                |                                        | 0.4                              |                                                          | 0.7                                                  |
| Project Benefit                                                | 3.7                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$37,554,391                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 1.0                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |



# PROJECT SCORECARD

For more information on how to read a scorecard, click here.

Hollins Road and Orange Avenue Intersection Improvements

App Id: 1424

Geometric improvements at the intersection of Route 460 (Orange Avenue) and Hollins Road.

Project Location..... Roanoke  
SMART SCALE Area Type..... B  
Submitting Entity..... Roanoke City  
Preliminary Engineering..... Underway  
Right of Way..... Underway  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... Both  
VTrans Need..... Roanoke Regional Network  
( Click for details )



**9.3**

SMART SCALE  
SCORE

**#82**

OF 404 STATEWIDE

**#16**

OF 50 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$3,552,247**

Total Project Cost..... **\$3,552,247**

Project Benefit..... **3.3**

Project Benefit / Total Cost..... **9.3**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                     |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|-------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted              | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 117.6<br>persons                          | 219.8<br>person hrs.           | 5.6<br>EPDO                           | 297.5<br>EPDO / 100M VMT                 | 54.5<br>jobs per resident  | 53.9<br>jobs per resident                                | 588.2<br>adjusted users                         | 955,384.6<br>thousand adj sq. ft.                          | 56,249.8<br>thousand adj daily tons | 0.0<br>adj. buffer time index          | 582.7<br>adjusted points         | 2.8<br>scaled points                                     | 8,815.4<br>adjusted jobs & pop.                      |
| Normalized Measure Value (0-100)                               | 1.2                                       | 6.8                            | 1.7                                   | 1.5                                      | 2.1                        | 2.0                                                      | 4.0                                             | 3.4                                                        | 3.3                                 | 0.0                                    | 3.4                              | 5.5                                                      | 7.8                                                  |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                 | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 4.0                                       |                                | 1.6                                   |                                          | 2.5                        |                                                          |                                                 | 2.7                                                        |                                     |                                        | 4.4                              |                                                          | 7.8                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 20%                                   |                                          | 25%                        |                                                          |                                                 | 20%                                                        |                                     |                                        | 10%                              |                                                          | 10%                                                  |
| Weighted Factor Value                                          | 0.6                                       |                                | 0.3                                   |                                          | 0.6                        |                                                          |                                                 | 0.5                                                        |                                     |                                        | 0.4                              |                                                          | 0.8                                                  |
| Project Benefit                                                | 3.3                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$3,552,247                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 9.3                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

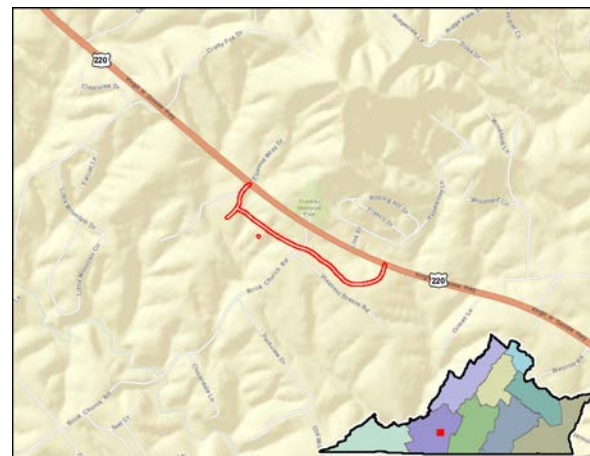
For more information on how to read a scorecard, click [here](#).

Southway Regional Business Park Project

App Id: 1426

Project includes the construction of new access roads (NR-1, SR-1, SR-2, & SR-3) w/ associated multi-use paths, intersection improvements on Rt. 220, and the realignment and construction of a cul-de-sac on Rte 697, Brick Church Rd.

Project Location..... Franklin County  
SMART SCALE Area Type..... D  
Submitting Entity..... Franklin County  
Preliminary Engineering..... Underway  
Right of Way..... Underway  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... Locality  
Eligible Funding Program(s)..... District Grant  
VTrans Need..... US 220 North UDA  
( Click for details )



**36.7**

SMART SCALE  
SCORE

**#25**

OF 404 STATEWIDE

**#4**

OF 50 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$3,750,050**

Total Project Cost..... **\$22,056,050**

Project Benefit..... **13.7**

Project Benefit / Total Cost..... **6.2**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                    |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted             | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 751.2<br>persons                          | 298.0<br>person hrs.           | 0.6<br>EPDO                           | 0.2<br>EPDO / 100M VMT                   | 27.3<br>jobs per resident  | 27.8<br>jobs per resident                                | 186.0<br>adjusted users                         | 15,378,379.1<br>thousand adj sq. ft.                       | 2,377.8<br>thousand adj daily tons | 448,639.0<br>adj. buffer time index    | 472.5<br>adjusted points         | 11.5<br>scaled points                                    | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 7.4                                       | 9.2                            | 0.2                                   | 0.0                                      | 1.0                        | 1.1                                                      | 1.3                                             | 54.6                                                       | 0.1                                | 0.0                                    | 2.8                              | 22.3                                                     |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 8.3                                       |                                | 0.1                                   |                                          | 1.1                        |                                                          |                                                 | 32.8                                                       |                                    |                                        | 12.5                             |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 10%                                       |                                | 30%                                   |                                          | 15%                        |                                                          |                                                 | 35%                                                        |                                    |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.8                                       |                                | 0.0                                   |                                          | 0.2                        |                                                          |                                                 | 11.5                                                       |                                    |                                        | 1.3                              |                                                          |                                                      |
| Project Benefit                                                | 13.7                                      |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$3,750,050                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 36.7                                      |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

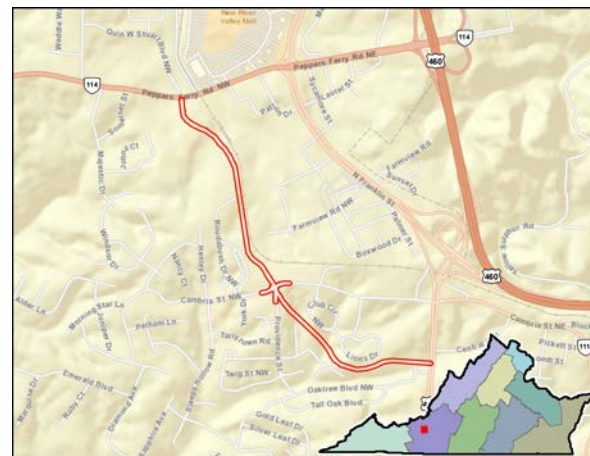
For more information on how to read a scorecard, click [here](#).

N. Franklin Street - Peppers Ferry Road Connector Route

App Id: 1429

New highway to connect N. Franklin Street to Peppers Ferry Road, N.W.

Project Location..... Christiansburg  
SMART SCALE Area Type..... C  
Submitting Entity..... Christiansburg Town  
Preliminary Engineering..... Not Started  
Right of Way..... Underway  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... Locality  
Eligible Funding Program(s)..... Both  
VTrans Need..... Heartland Corridor CoSS  
( Click for details )



## 2.3

SMART SCALE  
SCORE

**#206** OF 404 STATEWIDE

**#29** OF 50 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$24,075,750**

Total Project Cost..... **\$24,075,750**

Project Benefit..... **5.4**

Project Benefit / Total Cost..... **2.3**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                     |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|-------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted              | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 2,199.2<br>persons                        | 508.0<br>person hrs.           | 0.0<br>EPDO                           | 0.0<br>EPDO / 100M VMT                   | 48.3<br>jobs per resident  | 47.5<br>jobs per resident                                | 71.1<br>adjusted users                          | 3,081,136.5<br>thousand adj sq. ft.                        | 10,285.2<br>thousand adj daily tons | 21,636,621.8<br>adj. buffer time index | 78.2<br>adjusted points          | 4.7<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 21.7                                      | 15.6                           | 0.0                                   | 0.0                                      | 1.8                        | 1.8                                                      | 0.5                                             | 10.9                                                       | 0.6                                 | 1.6                                    | 0.5                              | 9.1                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                 | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 18.7                                      |                                | 0.0                                   |                                          | 1.6                        |                                                          |                                                 | 7.0                                                        |                                     |                                        | 4.8                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 25%                                   |                                          | 25%                        |                                                          |                                                 | 25%                                                        |                                     |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 2.8                                       |                                | 0.0                                   |                                          | 0.4                        |                                                          |                                                 | 1.8                                                        |                                     |                                        | 0.5                              |                                                          |                                                      |
| Project Benefit                                                | 5.4                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$24,075,750                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 2.3                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

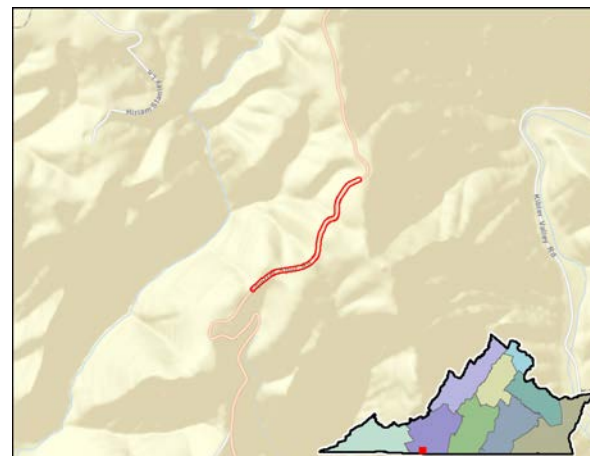
For more information on how to read a scorecard, click [here](#).

Squirrel Spur

App Id: 1430

Reconstruct a 0.58 mile portion of Route 614 (Squirrel Spur Road) from 1.7 miles south of Route 638 to 1.1 miles south of Route 638

Project Location..... Patrick County  
SMART SCALE Area Type..... D  
Submitting Entity..... Patrick County  
Preliminary Engineering..... Not Started  
Right of Way..... Underway  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... District Grant  
VTrans Need..... Safety: Geometric Issue  
( Click for details )



**0.0**

SMART SCALE  
SCORE

**#401** OF 404 STATEWIDE

**#48** OF 50 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$3,715,674**

Total Project Cost..... **\$3,715,674**

Project Benefit..... **0.0**

Project Benefit / Total Cost..... **0.0**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 0.0<br>persons                            | 0.0<br>person hrs.             | 0.0<br>EPDO                           | 0.0<br>EPDO / 100M VMT                   | 0.0<br>jobs per resident   | 0.0<br>jobs per resident                                 | 0.0<br>adjusted users                           | 0.0<br>thousand adj sq. ft.                                | 0.0<br>thousand adj daily tons | 0.0<br>adj. buffer time index          | 0.0<br>adjusted points           | 0.0<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.0                                       | 0.0                            | 0.0                                   | 0.0                                      | 0.0                        | 0.0                                                      | 0.0                                             | 0.0                                                        | 0.0                            | 0.0                                    | 0.0                              | 0.0                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.0                                       |                                | 0.0                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.0                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 10%                                       |                                | 30%                                   |                                          | 15%                        |                                                          |                                                 | 35%                                                        |                                |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.0                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.0                              |                                                          |                                                      |
| Project Benefit                                                | 0.0                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$3,715,674                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 0.0                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |



# PROJECT SCORECARD

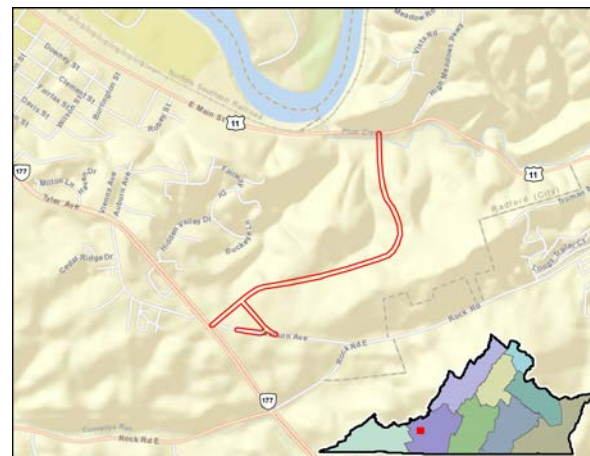
For more information on how to read a scorecard, click [here](#).

Tyler Avenue (Rt. 177) - East Main St. (Rt. 11) Connector

App Id: 1452

To provide an alternate east/west access between Tyler Avenue (Route 177) and East Main Street.

Project Location..... Radford  
SMART SCALE Area Type..... C  
Submitting Entity..... Radford City  
Preliminary Engineering..... Underway  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... \$571,313  
Key Fund Sources..... Fed-State Disc  
Administered By..... VDOT  
Eligible Funding Program(s)..... Both  
VTrans Need..... New River Valley Regional Network  
( [Click for details](#) )



**0.8**

SMART SCALE  
SCORE

**#300** OF 404 STATEWIDE

**#40** OF 50 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$23,006,300**

Total Project Cost..... **\$26,493,490**

Project Benefit..... **1.8**

Project Benefit / Total Cost..... **0.7**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                    |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted             | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 1,210.3<br>persons                        | 276.0<br>person hrs.           | 0.0<br>EPDO                           | 0.0<br>EPDO / 100M VMT                   | 0.3<br>jobs per resident   | 0.3<br>jobs per resident                                 | 73.0<br>adjusted users                          | 84,375.0<br>thousand adj sq. ft.                           | 3,334.0<br>thousand adj daily tons | 0.0<br>adj. buffer time index          | 97.4<br>adjusted points          | 1.2<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 11.9                                      | 8.5                            | 0.0                                   | 0.0                                      | 0.0                        | 0.0                                                      | 0.5                                             | 0.3                                                        | 0.2                                | 0.0                                    | 0.6                              | 2.4                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 10.2                                      |                                | 0.0                                   |                                          | 0.1                        |                                                          |                                                 | 0.2                                                        |                                    |                                        | 1.5                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 25%                                   |                                          | 25%                        |                                                          |                                                 | 25%                                                        |                                    |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 1.5                                       |                                | 0.0                                   |                                          | 0.0                        |                                                          |                                                 | 0.1                                                        |                                    |                                        | 0.1                              |                                                          |                                                      |
| Project Benefit                                                | 1.8                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$23,006,300                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 0.8                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

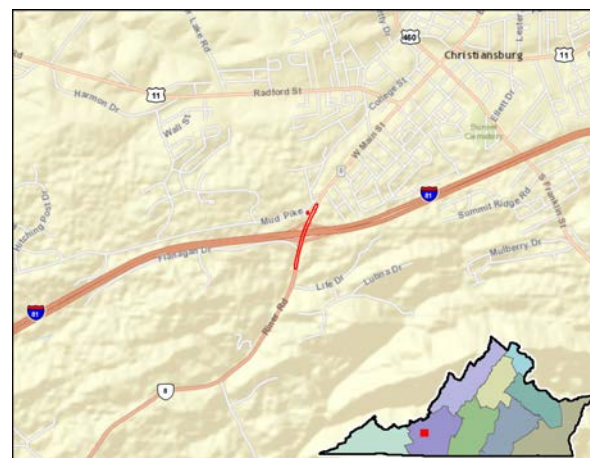
For more information on how to read a scorecard, click [here](#).

I-81/Route 8 (Exit 114) Interchange Reconstruction

App Id: 1457

Route 8 operational improvements at the I 81/ Route 8 Interchange and addition of a park & ride lot.

Project Location..... Multiple  
SMART SCALE Area Type..... C  
Submitting Entity..... New River Valley Metropolitan Planning Organization  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... High Priority  
VTrans Need..... Crescent Corridor CoSS  
( Click for details )



**0.6**

SMART SCALE  
SCORE

**#325** OF 404 STATEWIDE

**#43** OF 50 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$17,399,720**

Total Project Cost..... **\$17,399,720**

Project Benefit..... **1.1**

Project Benefit / Total Cost..... **0.6**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                    |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted             | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 246.2<br>persons                          | 117.3<br>person hrs.           | 2.6<br>EPDO                           | 0.5<br>EPDO / 100M VMT                   | 1.8<br>jobs per resident   | 1.9<br>jobs per resident                                 | 194.1<br>adjusted users                         | 0.0<br>thousand adj sq. ft.                                | 6,919.8<br>thousand adj daily tons | 4,267,110.4<br>adj. buffer time index  | 1,013.7<br>adjusted points       | 0.9<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 2.4                                       | 3.6                            | 0.8                                   | 0.0                                      | 0.1                        | 0.1                                                      | 1.3                                             | 0.0                                                        | 0.4                                | 0.3                                    | 5.9                              | 1.8                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 3.0                                       |                                | 0.4                                   |                                          | 0.3                        |                                                          |                                                 | 0.1                                                        |                                    |                                        | 3.8                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 25%                                   |                                          | 25%                        |                                                          |                                                 | 25%                                                        |                                    |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.5                                       |                                | 0.1                                   |                                          | 0.1                        |                                                          |                                                 | 0.0                                                        |                                    |                                        | 0.4                              |                                                          |                                                      |
| Project Benefit                                                | 1.1                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$17,399,720                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 0.6                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

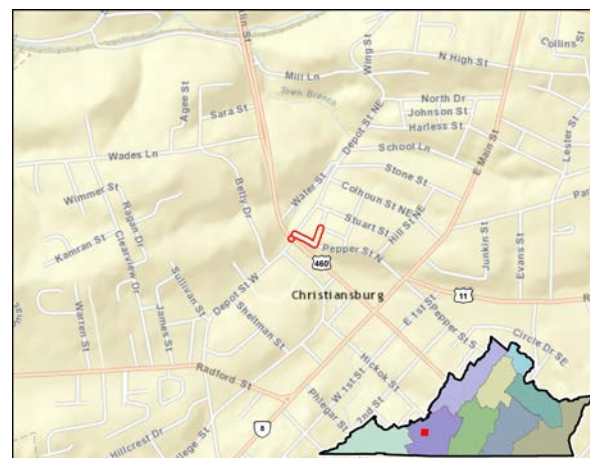
For more information on how to read a scorecard, click [here](#).

N. Franklin Street - Depot Street Intersection Upgrade

App Id: 1461

Intersection upgrade at N. Franklin Street and Depot Street to add dedicated left turn lanes for northbound and southbound N. Franklin Street traffic

Project Location..... Christiansburg  
SMART SCALE Area Type..... C  
Submitting Entity..... Christiansburg Town  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... Locality  
Eligible Funding Program(s)..... Both  
VTrans Need..... New River Valley Regional Network  
( [Click for details](#) )



**2.5**

SMART SCALE  
SCORE

**#201** OF 404 STATEWIDE

**#28** OF 50 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$2,887,319**

Total Project Cost..... **\$2,887,319**

Project Benefit..... **0.7**

Project Benefit / Total Cost..... **2.5**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                    |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted             | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 24.7<br>persons                           | 17.3<br>person hrs.            | 6.4<br>EPDO                           | 205.8<br>EPDO / 100M VMT                 | 2.6<br>jobs per resident   | 2.7<br>jobs per resident                                 | 37.0<br>adjusted users                          | 308,715.0<br>thousand adj sq. ft.                          | 1,640.8<br>thousand adj daily tons | 3,668,788.7<br>adj. buffer time index  | 49.4<br>adjusted points          | 0.6<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.2                                       | 0.5                            | 1.9                                   | 1.1                                      | 0.1                        | 0.1                                                      | 0.3                                             | 1.1                                                        | 0.1                                | 0.3                                    | 0.3                              | 1.2                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.4                                       |                                | 1.5                                   |                                          | 0.1                        |                                                          |                                                 | 0.7                                                        |                                    |                                        | 0.7                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 25%                                   |                                          | 25%                        |                                                          |                                                 | 25%                                                        |                                    |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.1                                       |                                | 0.4                                   |                                          | 0.0                        |                                                          |                                                 | 0.2                                                        |                                    |                                        | 0.1                              |                                                          |                                                      |
| Project Benefit                                                | 0.7                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$2,887,319                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 2.5                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |



# PROJECT SCORECARD

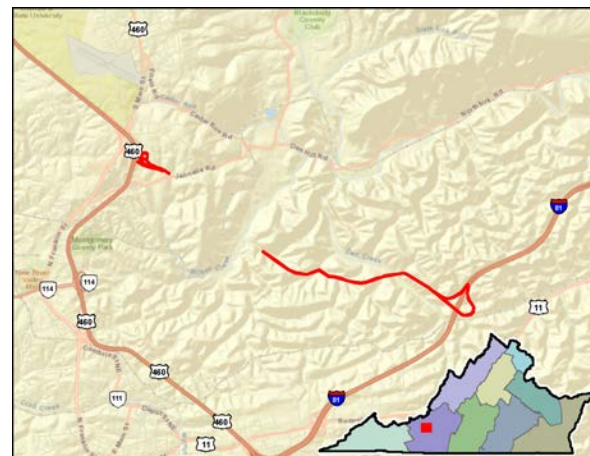
For more information on how to read a scorecard, click [here](#).

Extension of the Smart Road to I 81

App Id: 1501

Extension of the Smart Road from its current end to I 81, approximately 3.5 miles, 2 lane on 4 lanes of right of way with a new partial interchange at I 81. Some ramp construction at the existing South Main Street interchange in Blacksburg

Project Location..... Multiple  
SMART SCALE Area Type..... C  
Submitting Entity..... New River Valley Metropolitan Planning Organization  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... High Priority  
VTrans Need..... New River Valley Regional Network  
( Click for details )



**0.2**

SMART SCALE  
SCORE

**#380** OF 404 STATEWIDE

**#46** OF 50 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$215,376,240**

Total Project Cost..... **\$215,376,240**

Project Benefit..... **4.2**

Project Benefit / Total Cost..... **0.2**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 802.0<br>persons                          | 186.0<br>person hrs.           | 0.0<br>EPDO                           | 0.0<br>EPDO / 100M VMT                   | 356.1<br>jobs per resident | 380.0<br>jobs per resident                               | 0.0<br>adjusted users                           | 281,250.0<br>thousand adj sq. ft.                          | 0.0<br>thousand adj daily tons | 0.0<br>adj. buffer time index          | 0.0<br>adjusted points           | 3.1<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 7.9                                       | 5.7                            | 0.0                                   | 0.0                                      | 13.6                       | 14.4                                                     | 0.0                                             | 1.0                                                        | 0.0                            | 0.0                                    | 0.0                              | 6.0                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 6.8                                       |                                | 0.0                                   |                                          | 11.0                       |                                                          |                                                 | 0.6                                                        |                                |                                        | 3.0                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 25%                                   |                                          | 25%                        |                                                          |                                                 | 25%                                                        |                                |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 1.0                                       |                                | 0.0                                   |                                          | 2.8                        |                                                          |                                                 | 0.1                                                        |                                |                                        | 0.3                              |                                                          |                                                      |
| Project Benefit                                                | 4.2                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$215,376,240                             |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 0.2                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |



# PROJECT SCORECARD

For more information on how to read a scorecard, click [here](#).

Prices Fork/ Peppers Ferry Intersection

App Id: 1511

Intersection improvements for vehicles and pedestrians in the Belview Village

Project Location..... Montgomery County  
 SMART SCALE Area Type..... C  
 Submitting Entity..... Montgomery County  
 Preliminary Engineering..... Not Started  
 Right of Way..... Not Started  
 Construction..... Not Started  
 Expenditures to Date..... N/A  
 Key Fund Sources..... N/A  
 Administered By..... VDOT  
 Eligible Funding Program(s)..... Both  
 VTrans Need..... New River Valley Regional Network  
 ( [Click for details](#) )



**1.4**

SMART SCALE  
SCORE

**#259** OF 404 STATEWIDE

**#35** OF 50 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$3,990,163**

Total Project Cost..... **\$3,990,163**

Project Benefit..... **0.6**

Project Benefit / Total Cost..... **1.4**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                  |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|----------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted           | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 9.4<br>persons                            | 31.7<br>person hrs.            | 3.5<br>EPDO                           | 311.6<br>EPDO / 100M VMT                 | 10.5<br>jobs per resident  | 10.4<br>jobs per resident                                | 14.1<br>adjusted users                          | 40,950.0<br>thousand adj sq. ft.                           | 462.0<br>thousand adj daily tons | 571,467.4<br>adj. buffer time index    | 18.8<br>adjusted points          | 0.5<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.1                                       | 1.0                            | 1.1                                   | 1.6                                      | 0.4                        | 0.4                                                      | 0.1                                             | 0.1                                                        | 0.0                              | 0.0                                    | 0.1                              | 1.0                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                              | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.5                                       |                                | 1.3                                   |                                          | 0.3                        |                                                          |                                                 | 0.1                                                        |                                  |                                        | 0.5                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 25%                                   |                                          | 25%                        |                                                          |                                                 | 25%                                                        |                                  |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.1                                       |                                | 0.3                                   |                                          | 0.1                        |                                                          |                                                 | 0.0                                                        |                                  |                                        | 0.1                              |                                                          |                                                      |
| Project Benefit                                                | 0.6                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                  |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$3,990,163                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                  |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 1.4                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                  |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

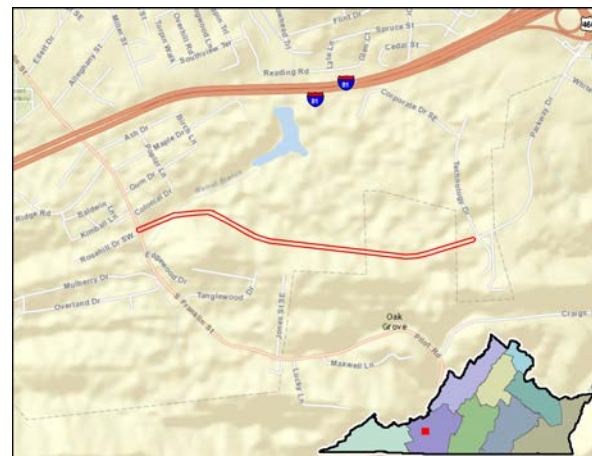
For more information on how to read a scorecard, click [here](#).

Parkway Drive Extension to S. Franklin Street

App Id: 1544

Parkway Drive Extension to S. Franklin Street

Project Location..... Multiple  
SMART SCALE Area Type..... C  
Submitting Entity..... Christiansburg Town  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... Locality  
Eligible Funding Program(s)..... Both  
VTrans Need..... New River Valley Regional Network  
( [Click for details](#) )



**2.5**

SMART SCALE  
SCORE

**#200** OF 404 STATEWIDE

**#27** OF 50 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$11,949,310**

Total Project Cost..... **\$11,949,310**

Project Benefit..... **3.0**

Project Benefit / Total Cost..... **2.5**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                    |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted             | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 68.0<br>persons                           | 16.0<br>person hrs.            | 0.0<br>EPDO                           | 0.0<br>EPDO / 100M VMT                   | 56.6<br>jobs per resident  | 58.0<br>jobs per resident                                | 0.0<br>adjusted users                           | 4,198,413.8<br>thousand adj sq. ft.                        | 4,012.7<br>thousand adj daily tons | 0.0<br>adj. buffer time index          | 0.0<br>adjusted points           | 2.6<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.7                                       | 0.5                            | 0.0                                   | 0.0                                      | 2.2                        | 2.2                                                      | 0.0                                             | 14.9                                                       | 0.2                                | 0.0                                    | 0.0                              | 5.1                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.6                                       |                                | 0.0                                   |                                          | 1.7                        |                                                          |                                                 | 9.0                                                        |                                    |                                        | 2.5                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 25%                                   |                                          | 25%                        |                                                          |                                                 | 25%                                                        |                                    |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.1                                       |                                | 0.0                                   |                                          | 0.4                        |                                                          |                                                 | 2.2                                                        |                                    |                                        | 0.3                              |                                                          |                                                      |
| Project Benefit                                                | 3.0                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$11,949,310                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 2.5                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

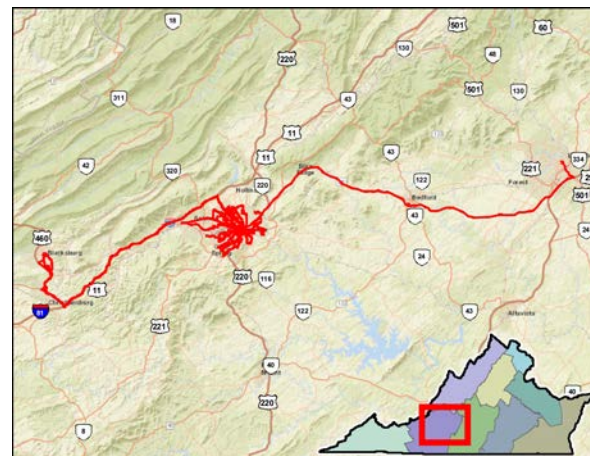
For more information on how to read a scorecard, click [here](#).

GRTC's Automatic Vehicle Locator/Real-Time Project

App Id: 1556

The goal of this project is to put in place an automatic vehicle locator system that fits in line with GRTC's goals of advancing its ability to make safer, more reliable, and more timely transit service decisions.

Project Location..... Multiple  
SMART SCALE Area Type..... B  
Submitting Entity..... Greater Roanoke Transit Company  
Preliminary Engineering..... Underway  
Right of Way..... Not Needed  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... Other  
Eligible Funding Program(s)..... High Priority  
VTrans Need..... Roanoke Regional Network  
( Click for details )



**6.1**

SMART SCALE  
SCORE

**#123** OF 404 STATEWIDE

**#21** OF 50 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$1,604,000**

Total Project Cost..... **\$1,904,000**

Project Benefit..... **1.0**

Project Benefit / Total Cost..... **5.1**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 70.5<br>persons                           | 88.5<br>person hrs.            | 0.0<br>EPDO                           | 0.0<br>EPDO / 100M VMT                   | 0.0<br>jobs per resident   | 0.0<br>jobs per resident                                 | 352.5<br>adjusted users                         | 0.0<br>thousand adj sq. ft.                                | 0.0<br>thousand adj daily tons | 0.0<br>adj. buffer time index          | 211.5<br>adjusted points         | 0.9<br>scaled points                                     | 5,048.5<br>adjusted jobs & pop.                      |
| Normalized Measure Value (0-100)                               | 0.7                                       | 2.7                            | 0.0                                   | 0.0                                      | 0.0                        | 0.0                                                      | 2.4                                             | 0.0                                                        | 0.0                            | 0.0                                    | 1.2                              | 1.7                                                      | 4.5                                                  |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 100%                                  | 0%                                       | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | 100%                                                 |
| Factor Value                                                   | 1.7                                       |                                | 0.0                                   |                                          | 0.5                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 1.5                              |                                                          | 4.5                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 20%                                   |                                          | 25%                        |                                                          |                                                 | 20%                                                        |                                |                                        | 10%                              |                                                          | 10%                                                  |
| Weighted Factor Value                                          | 0.3                                       |                                | 0.0                                   |                                          | 0.1                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.1                              |                                                          | 0.4                                                  |
| Project Benefit                                                | 1.0                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$1,604,000                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 6.1                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

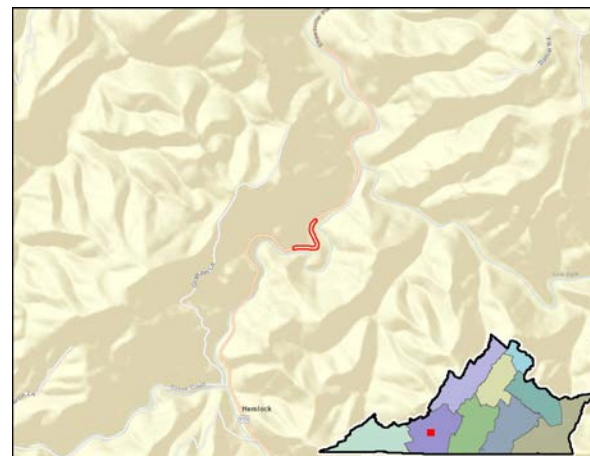
For more information on how to read a scorecard, click here.

Route 653 Shawsville Pike Safety Improvement

App Id: 1628

Reconstruct the horiz. & vert. alignments of Rte 653 to address safety needs

Project Location..... Floyd County  
SMART SCALE Area Type..... C  
Submitting Entity..... Floyd County  
Preliminary Engineering..... Underway  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... \$12,752  
Key Fund Sources..... Fed-State Disc  
Administered By..... VDOT  
Eligible Funding Program(s)..... District Grant  
VTrans Need..... Safety: PSI Data and Geometric Issue  
( Click for details )



**0.0**

SMART SCALE  
SCORE

**#399** OF 404 STATEWIDE

**#47** OF 50 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$1,342,596**

Total Project Cost..... **\$2,505,449**

Project Benefit..... **0.0**

Project Benefit / Total Cost..... **0.0**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 0.0<br>persons                            | 0.0<br>person hrs.             | 0.0<br>EPDO                           | 0.0<br>EPDO / 100M VMT                   | 0.0<br>jobs per resident   | 0.0<br>jobs per resident                                 | 0.0<br>adjusted users                           | 0.0<br>thousand adj sq. ft.                                | 0.0<br>thousand adj daily tons | 0.0<br>adj. buffer time index          | 0.0<br>adjusted points           | 0.0<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.0                                       | 0.0                            | 0.0                                   | 0.0                                      | 0.0                        | 0.0                                                      | 0.0                                             | 0.0                                                        | 0.0                            | 0.0                                    | 0.0                              | 0.0                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.0                                       |                                | 0.0                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.0                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 25%                                   |                                          | 25%                        |                                                          |                                                 | 25%                                                        |                                |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.0                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.0                              |                                                          |                                                      |
| Project Benefit                                                | 0.0                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$1,342,596                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 0.0                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |



# PROJECT SCORECARD

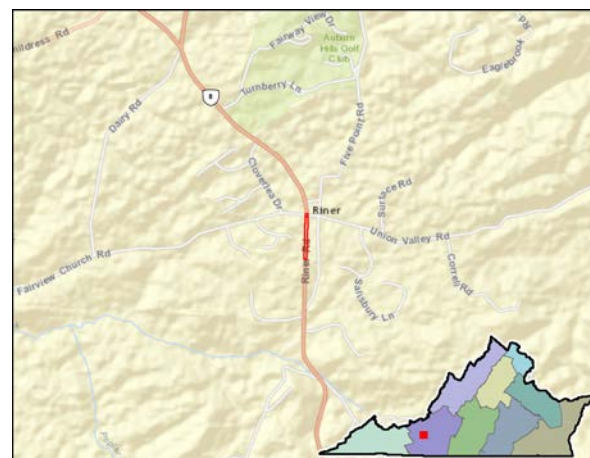
For more information on how to read a scorecard, click here.

Route 8 Widening and Pedestrian Improvements

App Id: 1684

Construction of Center Turn Lane and Pedestrian Improvements in the Riner Village

Project Location..... Montgomery County  
SMART SCALE Area Type..... C  
Submitting Entity..... Montgomery County  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... Both  
VTrans Need..... New River Valley Regional Network  
( Click for details )



**1.3**

SMART SCALE  
SCORE

**#264** OF 404 STATEWIDE

**#36** OF 50 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$2,089,778**

Total Project Cost..... **\$2,089,778**

Project Benefit..... **0.3**

Project Benefit / Total Cost..... **1.3**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                    |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted             | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 6.7<br>persons                            | 0.4<br>person hrs.             | 1.3<br>EPDO                           | 275.5<br>EPDO / 100M VMT                 | 1.0<br>jobs per resident   | 1.1<br>jobs per resident                                 | 10.1<br>adjusted users                          | 0.0<br>thousand adj sq. ft.                                | 3,251.0<br>thousand adj daily tons | 345,058.3<br>adj. buffer time index    | 13.4<br>adjusted points          | 0.2<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.1                                       | 0.0                            | 0.4                                   | 1.4                                      | 0.0                        | 0.0                                                      | 0.1                                             | 0.0                                                        | 0.2                                | 0.0                                    | 0.1                              | 0.5                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.0                                       |                                | 0.9                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                    |                                        | 0.3                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 25%                                   |                                          | 25%                        |                                                          |                                                 | 25%                                                        |                                    |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.2                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                    |                                        | 0.0                              |                                                          |                                                      |
| Project Benefit                                                | 0.3                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$2,089,778                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 1.3                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

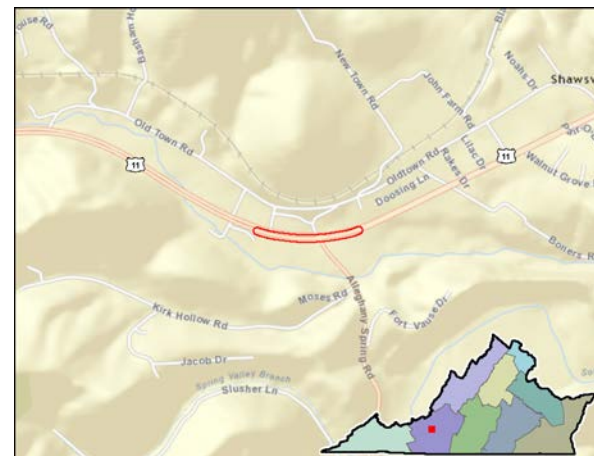
For more information on how to read a scorecard, click [here](#).

Intersection Improvements at Route 460/637

App Id: 1688

Intersection improvements for vehicles and access management in the Shawsville Village

Project Location..... Montgomery County  
SMART SCALE Area Type..... C  
Submitting Entity..... Montgomery County  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... Both  
VTrans Need..... Heartland Corridor CoSS  
( Click for details )



**0.9**

SMART SCALE  
SCORE

**#292** OF 404 STATEWIDE

**#39** OF 50 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$2,940,528**

Total Project Cost..... **\$2,940,528**

Project Benefit..... **0.3**

Project Benefit / Total Cost..... **0.9**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 0.0<br>persons                            | 0.2<br>person hrs.             | 1.4<br>EPDO                           | 283.2<br>EPDO / 100M VMT                 | 0.2<br>jobs per resident   | 0.2<br>jobs per resident                                 | 0.0<br>adjusted users                           | 0.0<br>thousand adj sq. ft.                                | 0.0<br>thousand adj daily tons | 150,921.5<br>adj. buffer time index    | 0.0<br>adjusted points           | 0.2<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.0                                       | 0.0                            | 0.4                                   | 1.5                                      | 0.0                        | 0.0                                                      | 0.0                                             | 0.0                                                        | 0.0                            | 0.0                                    | 0.0                              | 0.4                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.0                                       |                                | 0.9                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.2                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 25%                                   |                                          | 25%                        |                                                          |                                                 | 25%                                                        |                                |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.2                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.0                              |                                                          |                                                      |
| Project Benefit                                                | 0.3                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$2,940,528                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 0.9                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

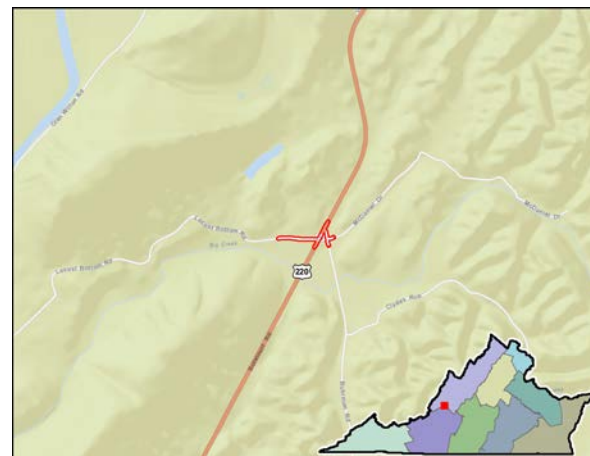
For more information on how to read a scorecard, click [here](#).

Route 696 and Route 220 Intersection Realignment Project

App Id: 1690

Realign Intersection of Route 696

Project Location..... Botetourt County  
SMART SCALE Area Type..... D  
Submitting Entity..... Botetourt County  
Preliminary Engineering..... Underway  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... Both  
VTrans Need..... Roanoke Regional Network  
( Click for details )



**0.0**

SMART SCALE  
SCORE

**#404** OF 404 STATEWIDE

**#50** OF 50 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$3,218,986**

Total Project Cost..... **\$3,218,986**

Project Benefit..... **0.0**

Project Benefit / Total Cost..... **0.0**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 0.0<br>persons                            | 0.0<br>person hrs.             | 0.0<br>EPDO                           | 0.0<br>EPDO / 100M VMT                   | 0.0<br>jobs per resident   | 0.0<br>jobs per resident                                 | 0.0<br>adjusted users                           | 0.0<br>thousand adj sq. ft.                                | 0.0<br>thousand adj daily tons | 0.0<br>adj. buffer time index          | 0.0<br>adjusted points           | 0.0<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.0                                       | 0.0                            | 0.0                                   | 0.0                                      | 0.0                        | 0.0                                                      | 0.0                                             | 0.0                                                        | 0.0                            | 0.0                                    | 0.0                              | 0.0                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.0                                       |                                | 0.0                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.0                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 10%                                       |                                | 30%                                   |                                          | 15%                        |                                                          |                                                 | 35%                                                        |                                |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.0                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.0                              |                                                          |                                                      |
| Project Benefit                                                | 0.0                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$3,218,986                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 0.0                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |

## STAUNTON DISTRICT



## STAUNTON DISTRICT

| App # | Project Name                                                | District Rank | State Rank | Smart Score | Page # |
|-------|-------------------------------------------------------------|---------------|------------|-------------|--------|
| 1656  | I-81 Exit 296 Accel/Decel Lane Extensions                   | 1             | 12         | 72.2        | 09-42  |
| 1245  | Raphine Exit 205/Raphine Road (Route 606)                   | 2             | 13         | 64.6        | 09-06  |
| 1275  | Mill Place Parkway Improvements                             | 3             | 22         | 43.7        | 09-12  |
| 1112  | Richmond Avenue-Statler Boulevard Intersection Improvements | 4             | 24         | 42.2        | 09-02  |
| 1610  | I-81 Exit 315 Northbound Deceleration Lane Extension        | 5             | 30         | 32.8        | 09-39  |
| 1268  | Interstate 81 Exit 235 Access Improvements                  | 6             | 36         | 29.2        | 09-08  |
| 1379  | Rt. 704 Realignment                                         | 7             | 42         | 22.4        | 09-18  |
| 1397  | Rt. 682 Friedens Church Road Intersection Realignment       | 8             | 55         | 16.5        | 09-20  |
| 1103  | Richmond Avenue Road Diet and Roundabout                    | 9             | 57         | 15.0        | 09-01  |
| 1643  | I-81 Exit 300 Southbound Acceleration Lane Extension        | 10            | 69         | 11.1        | 09-41  |
| 1503  | Sulphur Springs Road Intersection Improvements              | 11            | 85         | 8.8         | 09-36  |
| 1434  | Green Circle Trail - Final Phases                           | 12            | 96         | 7.6         | 09-24  |
| 1444  | Papermill Road Turn Lane                                    | 13            | 97         | 7.6         | 09-26  |
| 1297  | Waynesboro Towne Center Park & Ride                         | 14            | 101        | 7.3         | 09-13  |
| 1247  | Lexington North Main Street Complete Streets Entry Corridor | 15            | 110        | 6.9         | 09-07  |
| 1113  | Staunton Crossing Street Extension                          | 16            | 117        | 6.3         | 09-03  |
| 1510  | West Main Street Intersection Improvements                  | 17            | 126        | 5.9         | 09-37  |
| 1474  | Intersection of Senseny Road and Crestleigh Drive           | 18            | 134        | 5.3         | 09-32  |
| 1270  | Lew Dewitt - Rosser Connector                               | 19            | 142        | 4.3         | 09-10  |
| 1473  | Exit 317 and Redbud Road                                    | 20            | 160        | 3.5         | 09-31  |
| 1445  | Rte. 658/Rockland Rd. NS Railway Bridge                     | 21            | 174        | 3.2         | 09-27  |
| 1480  | Intersection of Route 277 and Warrior Drive                 | 22            | 184        | 2.9         | 09-35  |
| 1158  | Mt. Clinton Pike Road Improvements                          | 23            | 199        | 2.5         | 09-04  |
| 1272  | Wilson Complex Roundabout                                   | 24            | 204        | 2.3         | 09-11  |
| 1269  | Weyers Cave Road (Rt. 256) Widening Project                 | 25            | 205        | 2.3         | 09-09  |
| 1471  | Route 11 North Widening                                     | 26            | 207        | 2.3         | 09-30  |
| 1578  | Interstate 81 Exit 235 Weyers Cave - Truck Climbing Lanes   | 27            | 208        | 2.2         | 09-38  |
| 1327  | I-81 Exit 247 Interchange Improvements                      | 28            | 212        | 2.2         | 09-15  |
| 1455  | Middle Road Improvements Project                            | 29            | 219        | 2.1         | 09-29  |
| 1159  | Erickson Avenue Phase 4                                     | 30            | 220        | 2.1         | 09-05  |
| 1454  | Museum of the Shenandoah Valley Trails                      | 31            | 234        | 1.9         | 09-28  |
| 1409  | Valley Pike/Shawnee Drive Intersection Improvements         | 32            | 238        | 1.7         | 09-22  |
| 1476  | Route 37 and Warrior Drive                                  | 33            | 253        | 1.5         | 09-33  |
| 1326  | I-81 Exit 247 Bridge and Interchange Improvements           | 34            | 302        | 0.8         | 09-14  |
| 1402  | Aylor Grubbs Improvement Project                            | 35            | 303        | 0.8         | 09-21  |

## STAUNTON DISTRICT

| App # | Project Name                                  | District Rank | State Rank | Smart Score | Page # |
|-------|-----------------------------------------------|---------------|------------|-------------|--------|
| 1352  | Hwy 340 Improvement - Left Turn Lane          | 36            | 314        | 0.7         | 09-16  |
| 1438  | Route 37 Extension I-81 Exit 310 to Route 522 | 37            | 316        | 0.7         | 09-25  |
| 1625  | I-81 Exit 313 Interchange Improvement         | 38            | 346        | 0.4         | 09-40  |
| 1433  | Rte. 55 East/John Marshall Highway            | 39            | 369        | 0.3         | 09-23  |
| 1391  | VA 613/ VA 262 Diamond Interchange            | 40            | 372        | 0.2         | 09-19  |
| 1374  | VA 259 Mayland Road                           | 41            | 378        | 0.2         | 09-17  |
| 1478  | Route 277 widening and access management      | 42            | 381        | 0.2         | 09-34  |

# PROJECT SCORECARD

For more information on how to read a scorecard, click here.

Richmond Avenue Road Diet and Roundabout

App Id: 1103

The future Urban Gateway spans the area from Greenville Avenue eastward along Richmond Avenue. The overall vision for this segment creates an urban boulevard with a roundabout, shared use path and sidewalk, and landscaping within an urban form.

Project Location..... Staunton  
SMART SCALE Area Type..... C  
Submitting Entity..... Staunton City  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... Locality  
Eligible Funding Program(s)..... Both  
VTrans Need..... SAW Regional Network  
( Click for details )



|                                     |                              |
|-------------------------------------|------------------------------|
| <b>15.0</b><br>SMART SCALE<br>SCORE | <b>#57</b> OF 404 STATEWIDE  |
|                                     | <b>#9</b> OF 42 DISTRICTWIDE |

SMART SCALE Requested Funds..... **\$2,245,805**

Total Project Cost..... **\$2,245,805**

Project Benefit..... **3.4**

Project Benefit / Total Cost..... **15.0**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                    |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted             | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 14.2<br>persons                           | 0.0<br>person hrs.             | 24.0<br>EPDO                          | 1,075.8<br>EPDO / 100M VMT               | 0.1<br>jobs per resident   | 0.1<br>jobs per resident                                 | 70.8<br>adjusted users                          | 2,654,320.7<br>thousand adj sq. ft.                        | 4,238.1<br>thousand adj daily tons | 1,794,683.3<br>adj. buffer time index  | 70.8<br>adjusted points          | 2.9<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.1                                       | 0.0                            | 7.3                                   | 5.6                                      | 0.0                        | 0.0                                                      | 0.5                                             | 9.4                                                        | 0.3                                | 0.1                                    | 0.4                              | 5.7                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.1                                       |                                | 6.4                                   |                                          | 0.1                        |                                                          |                                                 | 5.7                                                        |                                    |                                        | 3.0                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 25%                                   |                                          | 25%                        |                                                          |                                                 | 25%                                                        |                                    |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 1.6                                   |                                          | 0.0                        |                                                          |                                                 | 1.4                                                        |                                    |                                        | 0.3                              |                                                          |                                                      |
| Project Benefit                                                | 3.4                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$2,245,805                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 15.0                                      |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

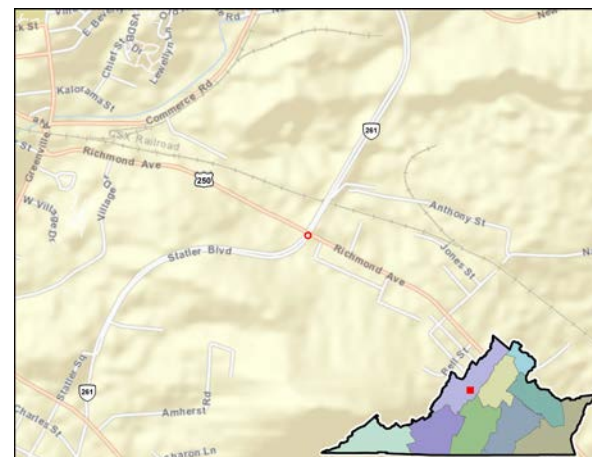
For more information on how to read a scorecard, click [here](#).

Richmond Avenue-Statler Boulevard Intersection Improvements

App Id: 1112

The Richmond Avenue-Statler Boulevard Intersection Project will address concerns with safety and traffic congestion, and pedestrian safety. The project was recommended in the "Richmond Avenue Corridor Study and SAWMPO Long Range Transportation Plan".

Project Location..... Staunton  
SMART SCALE Area Type..... C  
Submitting Entity..... Staunton City  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... Both  
VTrans Need..... SAW Regional Network  
( Click for details )



**42.2**

SMART SCALE  
SCORE

**#24**

OF 404 STATEWIDE

**#4**

OF 42 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$573,278**

Total Project Cost..... **\$573,278**

Project Benefit..... **2.4**

Project Benefit / Total Cost..... **42.2**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                    |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted             | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 0.0<br>persons                            | 9.4<br>person hrs.             | 17.4<br>EPDO                          | 664.6<br>EPDO / 100M VMT                 | 1.7<br>jobs per resident   | 1.7<br>jobs per resident                                 | 0.0<br>adjusted users                           | 1,975,805.1<br>thousand adj sq. ft.                        | 9,287.1<br>thousand adj daily tons | 3,202,106.6<br>adj. buffer time index  | 0.0<br>adjusted points           | 2.1<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.0                                       | 0.3                            | 5.3                                   | 3.4                                      | 0.1                        | 0.1                                                      | 0.0                                             | 7.0                                                        | 0.5                                | 0.2                                    | 0.0                              | 4.1                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.1                                       |                                | 4.4                                   |                                          | 0.1                        |                                                          |                                                 | 4.4                                                        |                                    |                                        | 2.0                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 25%                                   |                                          | 25%                        |                                                          |                                                 | 25%                                                        |                                    |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 1.1                                   |                                          | 0.0                        |                                                          |                                                 | 1.1                                                        |                                    |                                        | 0.2                              |                                                          |                                                      |
| Project Benefit                                                | 2.4                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$573,278                                 |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 42.2                                      |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |



# PROJECT SCORECARD

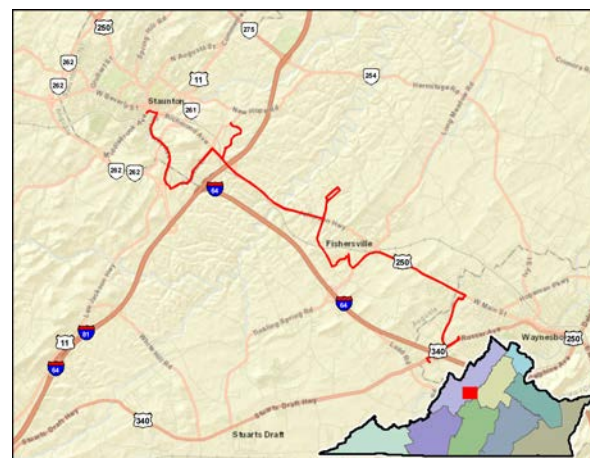
For more information on how to read a scorecard, click [here](#).

Staunton Crossing Street Extension

App Id: 1113

The Staunton Crossing Project extend Crossing Way through the Staunton Crossing development site and connect to Valley Center Drive.

Project Location..... Staunton  
SMART SCALE Area Type..... C  
Submitting Entity..... Staunton City  
Preliminary Engineering..... Not Started  
Right of Way..... Not Needed  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... Both  
VTrans Need..... SAW Regional Network  
( Click for details )



**6.3**

SMART SCALE  
SCORE

**#117** OF 404 STATEWIDE

**#16** OF 42 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$6,807,590**

Total Project Cost..... **\$8,764,970**

Project Benefit..... **4.3**

Project Benefit / Total Cost..... **4.9**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                    |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted             | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 1,079.1<br>persons                        | 462.7<br>person hrs.           | 2.7<br>EPDO                           | 0.2<br>EPDO / 100M VMT                   | 18.2<br>jobs per resident  | 18.5<br>jobs per resident                                | 140.4<br>adjusted users                         | 2,634,056.4<br>thousand adj sq. ft.                        | 8,656.2<br>thousand adj daily tons | 241,764.3<br>adj. buffer time index    | 1,567.6<br>adjusted points       | 2.7<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 10.6                                      | 14.2                           | 0.8                                   | 0.0                                      | 0.7                        | 0.7                                                      | 1.0                                             | 9.3                                                        | 0.5                                | 0.0                                    | 9.2                              | 5.3                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 12.4                                      |                                | 0.4                                   |                                          | 0.8                        |                                                          |                                                 | 5.7                                                        |                                    |                                        | 7.2                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 25%                                   |                                          | 25%                        |                                                          |                                                 | 25%                                                        |                                    |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 1.9                                       |                                | 0.1                                   |                                          | 0.2                        |                                                          |                                                 | 1.4                                                        |                                    |                                        | 0.7                              |                                                          |                                                      |
| Project Benefit                                                | 4.3                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$6,807,590                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 6.3                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

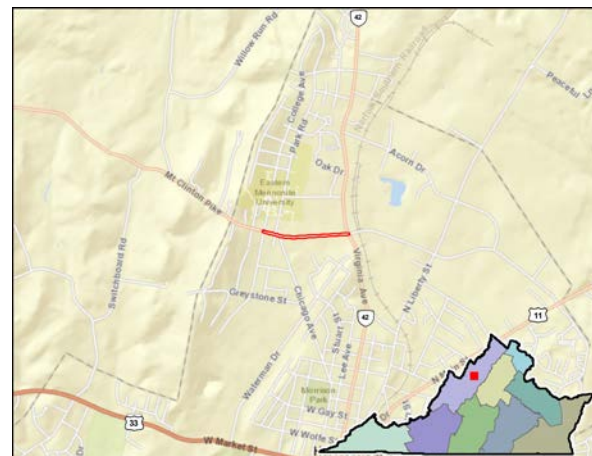
For more information on how to read a scorecard, click [here](#).

Mt. Clinton Pike Road Improvements

App Id: 1158

Construction of a roundabout at the intersection of Mt. Clinton Pike, Park Road, and Chicago Avenue to eliminate an offset intersection. The reconstruction of Mt. Clinton Pike from College Avenue, through the roundabout to Virginia Avenue (SR42).

Project Location..... Harrisonburg  
SMART SCALE Area Type..... C  
Submitting Entity..... Harrisonburg City  
Preliminary Engineering..... Underway  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... \$146,185  
Key Fund Sources..... RS or Other CTB Grant  
Administered By..... Locality  
Eligible Funding Program(s)..... Both  
VTrans Need..... Harrisonburg Regional Network  
( [Click for details](#) )



**2.5**

SMART SCALE  
SCORE

**#199** OF 404 STATEWIDE

**#23** OF 42 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$8,261,750**

Total Project Cost..... **\$9,761,750**

Project Benefit..... **2.1**

Project Benefit / Total Cost..... **2.1**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 15.6<br>persons                           | 10.9<br>person hrs.            | 15.1<br>EPDO                          | 1,101.8<br>EPDO / 100M VMT               | 0.9<br>jobs per resident   | 0.9<br>jobs per resident                                 | 78.0<br>adjusted users                          | 1,000,620.1<br>thousand adj sq. ft.                        | 0.0<br>thousand adj daily tons | 756,402.3<br>adj. buffer time index    | 78.0<br>adjusted points          | 1.8<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.2                                       | 0.3                            | 4.6                                   | 5.7                                      | 0.0                        | 0.0                                                      | 0.5                                             | 3.6                                                        | 0.0                            | 0.1                                    | 0.5                              | 3.5                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.2                                       |                                | 5.1                                   |                                          | 0.1                        |                                                          |                                                 | 2.1                                                        |                                |                                        | 2.0                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 25%                                   |                                          | 25%                        |                                                          |                                                 | 25%                                                        |                                |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 1.3                                   |                                          | 0.0                        |                                                          |                                                 | 0.5                                                        |                                |                                        | 0.2                              |                                                          |                                                      |
| Project Benefit                                                | 2.1                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$8,261,750                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 2.5                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

For more information on how to read a scorecard, click [here](#).

Erickson Avenue Phase 4

App Id: 1159

The project involves improvements to existing Erickson Avenue from S High Street (Rt 42) to the west city limits. The project entails widening Erickson Avenue to a 5-lane roadway with center turn lane, bicycle lanes, and sidewalk.

Project Location..... Harrisonburg  
SMART SCALE Area Type..... C  
Submitting Entity..... Harrisonburg City  
Preliminary Engineering..... Underway  
Right of Way..... Complete  
Construction..... Not Started  
Expenditures to Date..... \$1,309,343  
Key Fund Sources..... Demo/Fed-State Disc  
Administered By..... Locality  
Eligible Funding Program(s)..... Both  
VTrans Need..... Harrisonburg Regional Network  
( [Click for details](#) )



## 2.1

SMART SCALE  
SCORE

**#220** OF 404 STATEWIDE

**#30** OF 42 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$7,064,517**

Total Project Cost..... **\$9,099,543**

Project Benefit..... **1.5**

Project Benefit / Total Cost..... **1.6**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                    |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted             | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 12.7<br>persons                           | 33.9<br>person hrs.            | 8.8<br>EPDO                           | 247.1<br>EPDO / 100M VMT                 | 10.3<br>jobs per resident  | 7.7<br>jobs per resident                                 | 63.6<br>adjusted users                          | 1,182,126.1<br>thousand adj sq. ft.                        | 3,185.7<br>thousand adj daily tons | 0.0<br>adj. buffer time index          | 63.6<br>adjusted points          | 1.3<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.1                                       | 1.0                            | 2.7                                   | 1.3                                      | 0.4                        | 0.3                                                      | 0.4                                             | 4.2                                                        | 0.2                                | 0.0                                    | 0.4                              | 2.5                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.6                                       |                                | 2.0                                   |                                          | 0.4                        |                                                          |                                                 | 2.6                                                        |                                    |                                        | 1.4                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 25%                                   |                                          | 25%                        |                                                          |                                                 | 25%                                                        |                                    |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.1                                       |                                | 0.5                                   |                                          | 0.1                        |                                                          |                                                 | 0.6                                                        |                                    |                                        | 0.1                              |                                                          |                                                      |
| Project Benefit                                                | 1.5                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$7,064,517                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 2.1                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

For more information on how to read a scorecard, click [here](#).

Raphine Exit 205/Raphine Road (Route 606)

App Id: 1245

Improvements to the existing Interstate 81/64 Raphine Interchange (Exit 205)

Project Location..... Rockbridge County  
SMART SCALE Area Type..... D  
Submitting Entity..... Rockbridge County  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... District Grant  
VTrans Need..... Raphine UDA  
( Click for details )



**64.6**

SMART SCALE  
SCORE

**#13**

OF 404 STATEWIDE

**#2**

OF 42 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$500,100**

Total Project Cost..... **\$2,440,100**

Project Benefit..... **3.2**

Project Benefit / Total Cost..... **13.2**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 0.0<br>persons                            | 15.7<br>person hrs.            | 2.6<br>EPDO                           | 1,926.4<br>EPDO / 100M VMT               | 0.0<br>jobs per resident   | 0.0<br>jobs per resident                                 | 0.0<br>adjusted users                           | 1,675,735.3<br>thousand adj sq. ft.                        | 0.0<br>thousand adj daily tons | 201,989.7<br>adj. buffer time index    | 246.2<br>adjusted points         | 2.8<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.0                                       | 0.5                            | 0.8                                   | 10.0                                     | 0.0                        | 0.0                                                      | 0.0                                             | 5.9                                                        | 0.0                            | 0.0                                    | 1.4                              | 5.4                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.2                                       |                                | 5.4                                   |                                          | 0.0                        |                                                          |                                                 | 3.6                                                        |                                |                                        | 3.4                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 10%                                       |                                | 30%                                   |                                          | 15%                        |                                                          |                                                 | 35%                                                        |                                |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 1.6                                   |                                          | 0.0                        |                                                          |                                                 | 1.3                                                        |                                |                                        | 0.3                              |                                                          |                                                      |
| Project Benefit                                                | 3.2                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$500,100                                 |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 64.6                                      |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |



# PROJECT SCORECARD

For more information on how to read a scorecard, click [here](#).

Lexington North Main Street Complete Streets Entry Corridor

App Id: 1247

This project will add new bike facilities and improve sidewalks and crosswalks to a 0.62-mile section of North Main Street (US 11) by eliminating on-street parallel parking on both sides of the street.

Project Location..... Lexington  
SMART SCALE Area Type..... D  
Submitting Entity..... Lexington City  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... District Grant  
VTrans Need..... Lexington UDA  
( Click for details )



**6.9**

SMART SCALE  
SCORE

**#110** OF 404 STATEWIDE

**#15** OF 42 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$2,845,557**

Total Project Cost..... **\$2,845,557**

Project Benefit..... **1.9**

Project Benefit / Total Cost..... **6.9**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 14.3<br>persons                           | 0.0<br>person hrs.             | 1.6<br>EPDO                           | 72.6<br>EPDO / 100M VMT                  | 0.0<br>jobs per resident   | 0.0<br>jobs per resident                                 | 43.0<br>adjusted users                          | 2,219,998.5<br>thousand adj sq. ft.                        | 0.0<br>thousand adj daily tons | 0.0<br>adj. buffer time index          | 57.3<br>adjusted points          | 1.4<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.1                                       | 0.0                            | 0.5                                   | 0.4                                      | 0.0                        | 0.0                                                      | 0.3                                             | 7.9                                                        | 0.0                            | 0.0                                    | 0.3                              | 2.6                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.1                                       |                                | 0.4                                   |                                          | 0.1                        |                                                          |                                                 | 4.7                                                        |                                |                                        | 1.5                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 10%                                       |                                | 30%                                   |                                          | 15%                        |                                                          |                                                 | 35%                                                        |                                |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.1                                   |                                          | 0.0                        |                                                          |                                                 | 1.7                                                        |                                |                                        | 0.1                              |                                                          |                                                      |
| Project Benefit                                                | 1.9                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$2,845,557                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 6.9                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

For more information on how to read a scorecard, click [here](#).

Interstate 81 Exit 235 Access Improvements

App Id: 1268

Construction of turn lanes on to Interstate 81 at Exit 235 Northbound and Southbound from Weyers Cave Road (Rt. 256)

Project Location..... Augusta County  
SMART SCALE Area Type..... D  
Submitting Entity..... Augusta County  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... Both  
VTrans Need..... Crescent Corridor CoSS  
( Click for details )



**29.2**

SMART SCALE  
SCORE

**#36**

OF 404 STATEWIDE

**#6**

OF 42 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$787,244**

Total Project Cost..... **\$1,787,244**

Project Benefit..... **2.3**

Project Benefit / Total Cost..... **12.9**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 0.0<br>persons                            | 0.0<br>person hrs.             | 2.4<br>EPDO                           | 247.4<br>EPDO / 100M VMT                 | 0.0<br>jobs per resident   | 0.0<br>jobs per resident                                 | 0.0<br>adjusted users                           | 2,415,916.7<br>thousand adj sq. ft.                        | 0.0<br>thousand adj daily tons | 672,322.3<br>adj. buffer time index    | 0.0<br>adjusted points           | 2.0<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.0                                       | 0.0                            | 0.7                                   | 1.3                                      | 0.0                        | 0.0                                                      | 0.0                                             | 8.6                                                        | 0.0                            | 0.0                                    | 0.0                              | 3.9                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.0                                       |                                | 1.0                                   |                                          | 0.0                        |                                                          |                                                 | 5.2                                                        |                                |                                        | 1.9                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 10%                                       |                                | 30%                                   |                                          | 15%                        |                                                          |                                                 | 35%                                                        |                                |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.3                                   |                                          | 0.0                        |                                                          |                                                 | 1.8                                                        |                                |                                        | 0.2                              |                                                          |                                                      |
| Project Benefit                                                | 2.3                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$787,244                                 |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 29.2                                      |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

For more information on how to read a scorecard, click here.

Weyers Cave Road (Rt. 256) Widening Project

App Id: 1269

Expand Weyers Cave Road (Rt. 256) to a four lane section divided roadway with a 10' wide shared use path. Project includes the construction of a new park and ride facility.

Project Location..... Augusta County  
SMART SCALE Area Type..... D  
Submitting Entity..... Augusta County  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... Both  
VTrans Need..... Crescent Corridor CoSS  
( Click for details )



**2.3**

SMART SCALE  
SCORE

**#205** OF 404 STATEWIDE

**#25** OF 42 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$17,308,670**

Total Project Cost..... **\$17,308,670**

Project Benefit..... **3.9**

Project Benefit / Total Cost..... **2.3**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                     |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|-------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted              | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 23.4<br>persons                           | 10.5<br>person hrs.            | 4.6<br>EPDO                           | 0.6<br>EPDO / 100M VMT                   | 1.8<br>jobs per resident   | 1.8<br>jobs per resident                                 | 117.0<br>adjusted users                         | 3,419,356.1<br>thousand adj sq. ft.                        | 25,662.3<br>thousand adj daily tons | 8,836,703.7<br>adj. buffer time index  | 2,199.3<br>adjusted points       | 3.4<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.2                                       | 0.3                            | 1.4                                   | 0.0                                      | 0.1                        | 0.1                                                      | 0.8                                             | 12.1                                                       | 1.5                                 | 0.6                                    | 12.8                             | 6.7                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                 | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.3                                       |                                | 0.7                                   |                                          | 0.2                        |                                                          |                                                 | 7.7                                                        |                                     |                                        | 9.8                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 10%                                       |                                | 30%                                   |                                          | 15%                        |                                                          |                                                 | 35%                                                        |                                     |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.2                                   |                                          | 0.0                        |                                                          |                                                 | 2.7                                                        |                                     |                                        | 1.0                              |                                                          |                                                      |
| Project Benefit                                                | 3.9                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$17,308,670                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 2.3                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

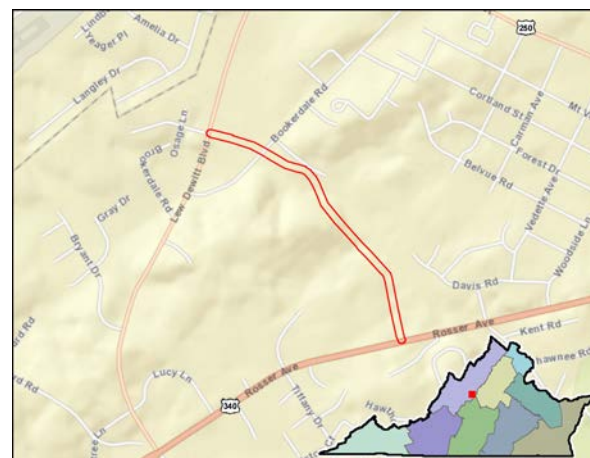
For more information on how to read a scorecard, click [here](#).

Lew Dewitt - Rosser Connector

App Id: 1270

The Lew DeWitt - Rosser Connector Road will link two major roads within Waynesboro. The new road will open new areas for commercial development, provide multi-modal facilities for several developing neighborhoods, and alleviate congestion.

Project Location..... Waynesboro  
SMART SCALE Area Type..... C  
Submitting Entity..... Waynesboro City  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... Both  
VTrans Need..... SAW Regional Network  
( Click for details )



**4.3**

SMART SCALE  
SCORE

**#142** OF 404 STATEWIDE

**#19** OF 42 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$11,626,912**

Total Project Cost..... **\$11,911,912**

Project Benefit..... **5.0**

Project Benefit / Total Cost..... **4.2**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                    |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted             | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 759.6<br>persons                          | 313.0<br>person hrs.           | 7.3<br>EPDO                           | 32.7<br>EPDO / 100M VMT                  | 3.6<br>jobs per resident   | 2.6<br>jobs per resident                                 | 32.8<br>adjusted users                          | 5,539,796.2<br>thousand adj sq. ft.                        | 2,442.7<br>thousand adj daily tons | 1,663,208.6<br>adj. buffer time index  | 32.8<br>adjusted points          | 4.0<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 7.5                                       | 9.6                            | 2.2                                   | 0.2                                      | 0.1                        | 0.1                                                      | 0.2                                             | 19.7                                                       | 0.1                                | 0.1                                    | 0.2                              | 7.8                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 8.6                                       |                                | 1.2                                   |                                          | 0.1                        |                                                          |                                                 | 11.9                                                       |                                    |                                        | 4.0                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 25%                                   |                                          | 25%                        |                                                          |                                                 | 25%                                                        |                                    |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 1.3                                       |                                | 0.3                                   |                                          | 0.0                        |                                                          |                                                 | 3.0                                                        |                                    |                                        | 0.4                              |                                                          |                                                      |
| Project Benefit                                                | 5.0                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$11,626,912                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 4.3                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |



# PROJECT SCORECARD

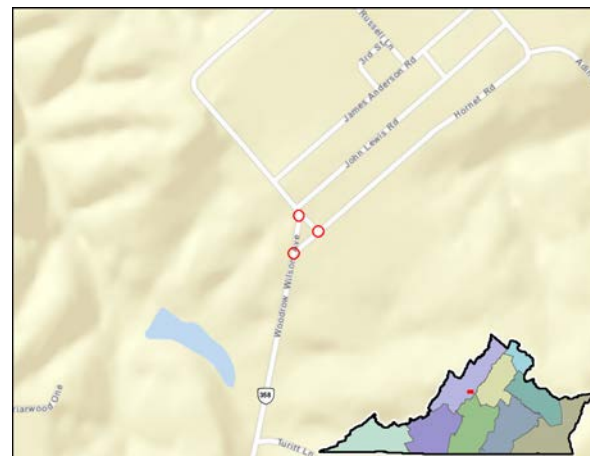
For more information on how to read a scorecard, click [here](#).

Wilson Complex Roundabout

App Id: 1272

Construction of a roundabout at the intersection of Woodrow Wilson Avenue, Hornet Road, and Vo Tech Road.

Project Location..... Augusta County  
SMART SCALE Area Type..... C  
Submitting Entity..... Augusta County  
Preliminary Engineering..... Underway  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... Both  
VTrans Need..... SAW Regional Network  
( Click for details )



**2.3**

SMART SCALE  
SCORE

**#204** OF 404 STATEWIDE

**#24** OF 42 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$1,527,222**

Total Project Cost..... **\$1,727,222**

Project Benefit..... **0.4**

Project Benefit / Total Cost..... **2.0**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 0.0<br>persons                            | 0.0<br>person hrs.             | 3.2<br>EPDO                           | 217.1<br>EPDO / 100M VMT                 | 0.0<br>jobs per resident   | 0.0<br>jobs per resident                                 | 0.0<br>adjusted users                           | 120,515.0<br>thousand adj sq. ft.                          | 0.0<br>thousand adj daily tons | 0.0<br>adj. buffer time index          | 0.0<br>adjusted points           | 0.3<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.0                                       | 0.0                            | 1.0                                   | 1.1                                      | 0.0                        | 0.0                                                      | 0.0                                             | 0.4                                                        | 0.0                            | 0.0                                    | 0.0                              | 0.5                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.0                                       |                                | 1.0                                   |                                          | 0.0                        |                                                          |                                                 | 0.3                                                        |                                |                                        | 0.2                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 25%                                   |                                          | 25%                        |                                                          |                                                 | 25%                                                        |                                |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.3                                   |                                          | 0.0                        |                                                          |                                                 | 0.1                                                        |                                |                                        | 0.0                              |                                                          |                                                      |
| Project Benefit                                                | 0.4                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$1,527,222                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 2.3                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

For more information on how to read a scorecard, click [here](#).

Mill Place Parkway Improvements

App Id: 1275

Construction of intersection improvements and access management improvements at the intersection of Mill Place Parkway (Rt. 901) and Laurel Hill Road (Rt. 612). Project will also include expansion of the Park and Ride Lot at this intersection.

Project Location..... Augusta County  
SMART SCALE Area Type..... C  
Submitting Entity..... Augusta County  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... Both  
VTrans Need..... Crescent Corridor CoSS  
( Click for details )



**43.7**

SMART SCALE  
SCORE

**#22**

OF 404 STATEWIDE

**#3**

OF 42 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$1,189,041**

Total Project Cost..... **\$1,789,041**

Project Benefit..... **5.2**

Project Benefit / Total Cost..... **29.0**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                     |                                         | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|-------------------------------------|-----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted              | Improvement to Travel Time Reliability  | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 3.6<br>persons                            | 2.7<br>person hrs.             | 0.4<br>EPDO                           | 0.0<br>EPDO / 100M VMT                   | 0.2<br>jobs per resident   | 0.2<br>jobs per resident                                 | 18.0<br>adjusted users                          | 7,066,510.0<br>thousand adj sq. ft.                        | 22,169.4<br>thousand adj daily tons | 136,111,350.1<br>adj. buffer time index | 1,366.0<br>adjusted points       | 4.5<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.0                                       | 0.1                            | 0.1                                   | 0.0                                      | 0.0                        | 0.0                                                      | 0.1                                             | 25.1                                                       | 1.3                                 | 10.0                                    | 8.0                              | 8.8                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                 | 20%                                     | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.1                                       |                                | 0.1                                   |                                          | 0.0                        |                                                          |                                                 | 17.3                                                       |                                     |                                         | 8.4                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 25%                                   |                                          | 25%                        |                                                          |                                                 | 25%                                                        |                                     |                                         | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.0                                   |                                          | 0.0                        |                                                          |                                                 | 4.3                                                        |                                     |                                         | 0.8                              |                                                          |                                                      |
| Project Benefit                                                | 5.2                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                         |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$1,189,041                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                         |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 43.7                                      |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                         |                                  |                                                          |                                                      |

# PROJECT SCORECARD

For more information on how to read a scorecard, click [here](#).

Waynesboro Towne Center Park & Ride

App Id: 1297

This project will repave and add parking spaces and transit facilities to the Waynesboro Towne Center Park & Ride lot, located in the southeastern corner of the I-64/US 340 interchange at Exit 94.

Project Location..... Waynesboro  
SMART SCALE Area Type..... C  
Submitting Entity..... Staunton-Augusta-Waynesboro Metropolitan Planning Organization  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... High Priority  
VTrans Need..... East-West CoSS  
( Click for details )



**7.3**

SMART SCALE  
SCORE

**#101** OF 404 STATEWIDE

**#14** OF 42 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$2,197,261**

Total Project Cost..... **\$2,197,261**

Project Benefit..... **1.6**

Project Benefit / Total Cost..... **7.3**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                    |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted             | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 15.6<br>persons                           | 7.5<br>person hrs.             | 2.9<br>EPDO                           | 0.3<br>EPDO / 100M VMT                   | 17.3<br>jobs per resident  | 17.0<br>jobs per resident                                | 78.0<br>adjusted users                          | 1,741,641.3<br>thousand adj sq. ft.                        | 3,635.1<br>thousand adj daily tons | 0.0<br>adj. buffer time index          | 834.1<br>adjusted points         | 1.4<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.2                                       | 0.2                            | 0.9                                   | 0.0                                      | 0.7                        | 0.6                                                      | 0.5                                             | 6.2                                                        | 0.2                                | 0.0                                    | 4.9                              | 2.7                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.2                                       |                                | 0.4                                   |                                          | 0.6                        |                                                          |                                                 | 3.8                                                        |                                    |                                        | 3.8                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 25%                                   |                                          | 25%                        |                                                          |                                                 | 25%                                                        |                                    |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.1                                   |                                          | 0.2                        |                                                          |                                                 | 0.9                                                        |                                    |                                        | 0.4                              |                                                          |                                                      |
| Project Benefit                                                | 1.6                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$2,197,261                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 7.3                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

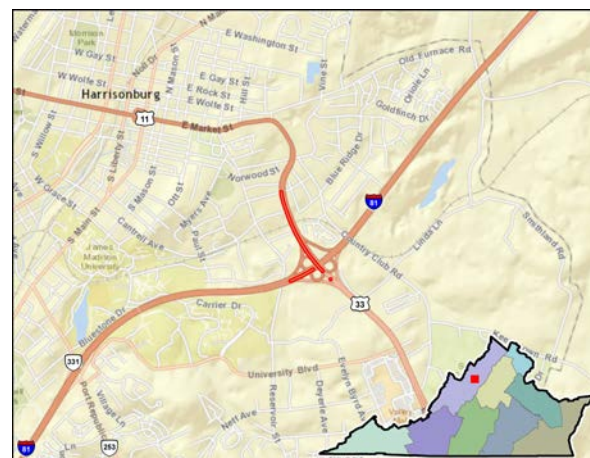
For more information on how to read a scorecard, click here.

I-81 Exit 247 Bridge and Interchange Improvements

App Id: 1326

Reconstruction of four (4) structures on East Market Street and interchange modifications at Exit 247 along I-81.

Project Location..... Harrisonburg  
SMART SCALE Area Type..... C  
Submitting Entity..... Harrisonburg City  
Preliminary Engineering..... Underway  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... \$469,314  
Key Fund Sources..... Fed-State Disc  
Administered By..... VDOT  
Eligible Funding Program(s)..... Both  
VTrans Need..... Crescent Corridor CoSS  
( Click for details )



**0.8**

SMART SCALE  
SCORE

**#302** OF 404 STATEWIDE

**#34** OF 42 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$30,767,472**

Total Project Cost..... **\$49,094,850**

Project Benefit..... **2.3**

Project Benefit / Total Cost..... **0.5**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                      |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted               | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 151.4<br>persons                          | 0.0<br>person hrs.             | 3.9<br>EPDO                           | 93.6<br>EPDO / 100M VMT                  | 0.0<br>jobs per resident   | 0.0<br>jobs per resident                                 | 757.2<br>adjusted users                         | 999,745.9<br>thousand adj sq. ft.                          | 295,160.8<br>thousand adj daily tons | 2,621,671.0<br>adj. buffer time index  | 454.3<br>adjusted points         | 2.0<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 1.5                                       | 0.0                            | 1.2                                   | 0.5                                      | 0.0                        | 0.0                                                      | 5.2                                             | 3.5                                                        | 17.4                                 | 0.2                                    | 2.7                              | 3.9                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                  | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.7                                       |                                | 0.8                                   |                                          | 1.0                        |                                                          |                                                 | 5.7                                                        |                                      |                                        | 3.3                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 25%                                   |                                          | 25%                        |                                                          |                                                 | 25%                                                        |                                      |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.1                                       |                                | 0.2                                   |                                          | 0.3                        |                                                          |                                                 | 1.4                                                        |                                      |                                        | 0.3                              |                                                          |                                                      |
| Project Benefit                                                | 2.3                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                      |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$30,767,472                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                      |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 0.8                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                      |                                        |                                  |                                                          |                                                      |



# PROJECT SCORECARD

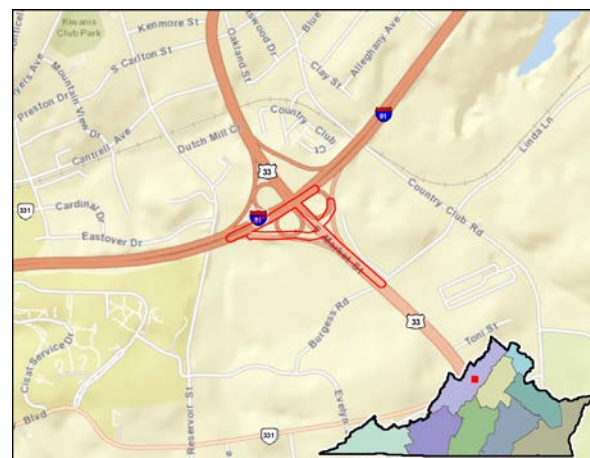
For more information on how to read a scorecard, click [here](#).

I-81 Exit 247 Interchange Improvements

App Id: 1327

Modifications to the NB on and off ramps at Exit 247 on I-81. Relocation of NB on ramp and addition of a lane to the NB off ramp. Extension of LTL on Rt 33 to Linda Lane and construction of median between LTL and thru lanes.

Project Location..... Harrisonburg  
SMART SCALE Area Type..... C  
Submitting Entity..... Harrisonburg City  
Preliminary Engineering..... Not Started  
Right of Way..... Not Needed  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... Locality  
Eligible Funding Program(s)..... Both  
VTrans Need..... Crescent Corridor CoSS  
( Click for details )



**2.2**

SMART SCALE  
SCORE

**#212** OF 404 STATEWIDE

**#28** OF 42 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$6,708,146**

Total Project Cost..... **\$6,708,146**

Project Benefit..... **1.5**

Project Benefit / Total Cost..... **2.2**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                      |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted               | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 0.0<br>persons                            | 0.0<br>person hrs.             | 0.3<br>EPDO                           | 10.1<br>EPDO / 100M VMT                  | 0.9<br>jobs per resident   | 1.0<br>jobs per resident                                 | 0.0<br>adjusted users                           | 847,189.8<br>thousand adj sq. ft.                          | 289,978.3<br>thousand adj daily tons | 2,667,744.7<br>adj. buffer time index  | 0.0<br>adjusted points           | 1.3<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.0                                       | 0.0                            | 0.1                                   | 0.1                                      | 0.0                        | 0.0                                                      | 0.0                                             | 3.0                                                        | 17.1                                 | 0.2                                    | 0.0                              | 2.5                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                  | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.0                                       |                                | 0.1                                   |                                          | 0.0                        |                                                          |                                                 | 5.3                                                        |                                      |                                        | 1.2                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 25%                                   |                                          | 25%                        |                                                          |                                                 | 25%                                                        |                                      |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.0                                   |                                          | 0.0                        |                                                          |                                                 | 1.3                                                        |                                      |                                        | 0.1                              |                                                          |                                                      |
| Project Benefit                                                | 1.5                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                      |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$6,708,146                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                      |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 2.2                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                      |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

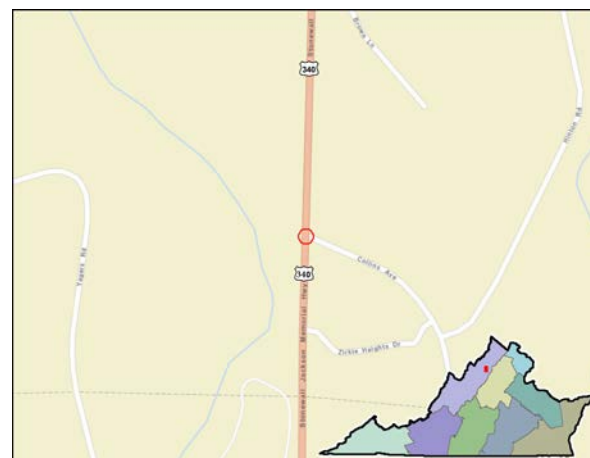
For more information on how to read a scorecard, click [here](#).

Hwy 340 Improvement - Left Turn Lane

App Id: 1352

Construction of a left turn lane on Rte 340 South onto Rte. 731 (Collins Ave). The proposed left turn lane will enhance safety by mitigating the limited southbound stopping sight distance.

Project Location..... Page County  
SMART SCALE Area Type..... D  
Submitting Entity..... Page County  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... Both  
VTrans Need..... Winchester Regional Network  
( Click for details )



**0.7**

SMART SCALE  
SCORE

**#314** OF 404 STATEWIDE

**#36** OF 42 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$2,631,002**

Total Project Cost..... **\$2,631,002**

Project Benefit..... **0.2**

Project Benefit / Total Cost..... **0.7**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 0.0<br>persons                            | 0.0<br>person hrs.             | 0.5<br>EPDO                           | 191.3<br>EPDO / 100M VMT                 | 0.0<br>jobs per resident   | 0.0<br>jobs per resident                                 | 0.0<br>adjusted users                           | 0.0<br>thousand adj sq. ft.                                | 0.0<br>thousand adj daily tons | 79,493.6<br>adj. buffer time index     | 0.0<br>adjusted points           | 0.1<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.0                                       | 0.0                            | 0.1                                   | 1.0                                      | 0.0                        | 0.0                                                      | 0.0                                             | 0.0                                                        | 0.0                            | 0.0                                    | 0.0                              | 0.3                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.0                                       |                                | 0.6                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.1                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 10%                                       |                                | 30%                                   |                                          | 15%                        |                                                          |                                                 | 35%                                                        |                                |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.2                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.0                              |                                                          |                                                      |
| Project Benefit                                                | 0.2                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$2,631,002                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 0.7                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

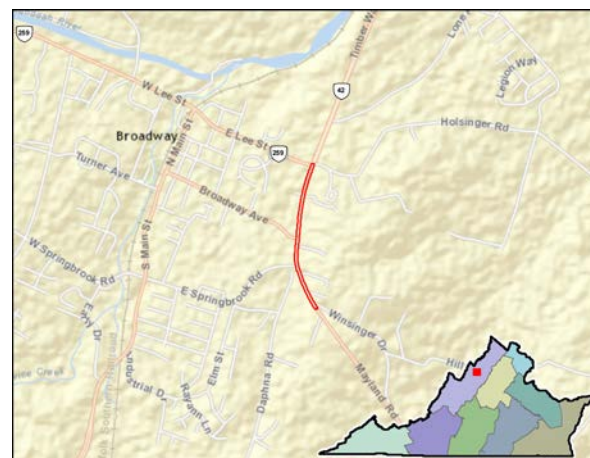
For more information on how to read a scorecard, click [here](#).

VA 259 Mayland Road

App Id: 1374

Four-lane divided road (3,600 feet long) from East Lee Street (VA 259/42) in the Town of Broadway to Winsinger Drive (Rt. 1419).

Project Location..... Multiple  
SMART SCALE Area Type..... D  
Submitting Entity..... Rockingham County  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... Both  
VTrans Need..... Harrisonburg Regional Network  
( [Click for details](#) )



**0.2**

SMART SCALE  
SCORE

**#378** OF 404 STATEWIDE

**#41** OF 42 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$21,675,090**

Total Project Cost..... **\$21,675,090**

Project Benefit..... **0.4**

Project Benefit / Total Cost..... **0.2**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                     |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|-------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted              | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 8.2<br>persons                            | 1.2<br>person hrs.             | 3.9<br>EPDO                           | 170.5<br>EPDO / 100M VMT                 | 1.8<br>jobs per resident   | 1.9<br>jobs per resident                                 | 24.5<br>adjusted users                          | 11,136.0<br>thousand adj sq. ft.                           | 12,639.8<br>thousand adj daily tons | 943,649.6<br>adj. buffer time index    | 32.6<br>adjusted points          | 0.4<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.1                                       | 0.0                            | 1.2                                   | 0.9                                      | 0.1                        | 0.1                                                      | 0.2                                             | 0.0                                                        | 0.7                                 | 0.1                                    | 0.2                              | 0.7                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                 | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.1                                       |                                | 1.0                                   |                                          | 0.1                        |                                                          |                                                 | 0.2                                                        |                                     |                                        | 0.5                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 10%                                       |                                | 30%                                   |                                          | 15%                        |                                                          |                                                 | 35%                                                        |                                     |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.3                                   |                                          | 0.0                        |                                                          |                                                 | 0.1                                                        |                                     |                                        | 0.0                              |                                                          |                                                      |
| Project Benefit                                                | 0.4                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$21,675,090                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 0.2                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

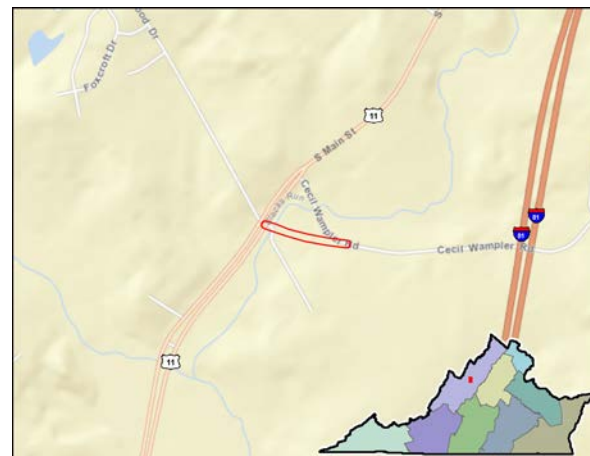
For more information on how to read a scorecard, click [here](#).

Rt. 704 Realignment

App Id: 1379

Realign Route 704 (Cecil Wampler Road) with Route 704 (Oakwood Drive) at (US 11) South Valley Pike to create one intersection with US 11.

Project Location..... Rockingham County  
SMART SCALE Area Type..... C  
Submitting Entity..... Rockingham County  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... Both  
VTrans Need..... Harrisonburg Regional Network  
( [Click for details](#) )



**22.4**

SMART SCALE  
SCORE

**#42**

OF 404 STATEWIDE

**#7**

OF 42 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$1,475,108**

Total Project Cost..... **\$3,475,108**

Project Benefit..... **3.3**

Project Benefit / Total Cost..... **9.5**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 191.4<br>persons                          | 67.9<br>person hrs.            | 1.2<br>EPDO                           | 185.4<br>EPDO / 100M VMT                 | 0.0<br>jobs per resident   | 0.0<br>jobs per resident                                 | 0.0<br>adjusted users                           | 4,813,716.5<br>thousand adj sq. ft.                        | 0.0<br>thousand adj daily tons | 424,150.0<br>adj. buffer time index    | 0.0<br>adjusted points           | 2.9<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 1.9                                       | 2.1                            | 0.4                                   | 1.0                                      | 0.0                        | 0.0                                                      | 0.0                                             | 17.1                                                       | 0.0                            | 0.0                                    | 0.0                              | 5.6                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 2.0                                       |                                | 0.7                                   |                                          | 0.0                        |                                                          |                                                 | 10.3                                                       |                                |                                        | 2.8                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 25%                                   |                                          | 25%                        |                                                          |                                                 | 25%                                                        |                                |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.3                                       |                                | 0.2                                   |                                          | 0.0                        |                                                          |                                                 | 2.6                                                        |                                |                                        | 0.3                              |                                                          |                                                      |
| Project Benefit                                                | 3.3                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$1,475,108                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 22.4                                      |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |



# PROJECT SCORECARD

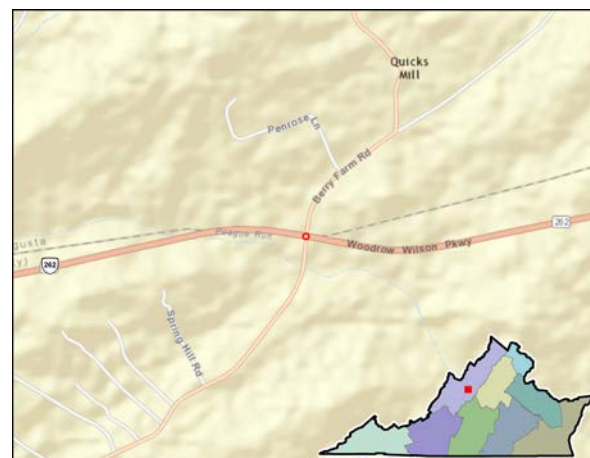
For more information on how to read a scorecard, click [here](#).

VA 613/ VA 262 Diamond Interchange

App Id: 1391

This project is located at the intersection of Route 262 (Woodrow Wilson Parkway) and Route 613 (Spring Hill Road) in Augusta County. The project will reconstruct the intersection as a grade-separated diamond interchange.

Project Location..... Augusta County  
SMART SCALE Area Type..... C  
Submitting Entity..... Staunton-Augusta-Waynesboro Metropolitan Planning Organization  
Preliminary Engineering..... Underway  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... \$621,556  
Key Fund Sources..... Demo/Fed-State Disc  
Administered By..... VDOT  
Eligible Funding Program(s)..... High Priority  
VTrans Need..... SAW Regional Network  
( Click for details )



**0.2**

SMART SCALE  
SCORE

**#372** OF 404 STATEWIDE

**#40** OF 42 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$50,091,633**

Total Project Cost..... **\$54,445,260**

Project Benefit..... **1.2**

Project Benefit / Total Cost..... **0.2**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 0.0<br>persons                            | 1.8<br>person hrs.             | 12.5<br>EPDO                          | 948.3<br>EPDO / 100M VMT                 | 0.0<br>jobs per resident   | 0.0<br>jobs per resident                                 | 0.0<br>adjusted users                           | 0.0<br>thousand adj sq. ft.                                | 0.0<br>thousand adj daily tons | 843,573.9<br>adj. buffer time index    | 0.0<br>adjusted points           | 1.0<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.0                                       | 0.1                            | 3.8                                   | 4.9                                      | 0.0                        | 0.0                                                      | 0.0                                             | 0.0                                                        | 0.0                            | 0.1                                    | 0.0                              | 2.0                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.0                                       |                                | 4.4                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 1.0                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 25%                                   |                                          | 25%                        |                                                          |                                                 | 25%                                                        |                                |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 1.1                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.1                              |                                                          |                                                      |
| Project Benefit                                                | 1.2                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$50,091,633                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 0.2                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

For more information on how to read a scorecard, click [here](#).

Rt. 682 Friedens Church Road Intersection Realignment

App Id: 1397

Realign intersection of Rt 682 (Friedens Church Road) and Rt. 988 (Scholars Road)

Project Location..... Rockingham County  
SMART SCALE Area Type..... D  
Submitting Entity..... Rockingham County  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... District Grant  
VTrans Need..... Safety: PSI Data and Geometric Issue  
( [Click for details](#) )



**16.5**

SMART SCALE  
SCORE

**#55**

OF 404 STATEWIDE

**#8**

OF 42 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$1,116,434**

Total Project Cost..... **\$1,616,434**

Project Benefit..... **1.8**

Project Benefit / Total Cost..... **11.4**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                    |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted             | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 0.0<br>persons                            | 0.0<br>person hrs.             | 2.6<br>EPDO                           | 2,016.9<br>EPDO / 100M VMT               | 0.0<br>jobs per resident   | 0.0<br>jobs per resident                                 | 0.0<br>adjusted users                           | 0.0<br>thousand adj sq. ft.                                | 1,057.9<br>thousand adj daily tons | 0.0<br>adj. buffer time index          | 0.0<br>adjusted points           | 1.6<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.0                                       | 0.0                            | 0.8                                   | 10.4                                     | 0.0                        | 0.0                                                      | 0.0                                             | 0.0                                                        | 0.1                                | 0.0                                    | 0.0                              | 3.1                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.0                                       |                                | 5.6                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                    |                                        | 1.5                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 10%                                       |                                | 30%                                   |                                          | 15%                        |                                                          |                                                 | 35%                                                        |                                    |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 1.7                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                    |                                        | 0.2                              |                                                          |                                                      |
| Project Benefit                                                | 1.8                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$1,116,434                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 16.5                                      |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

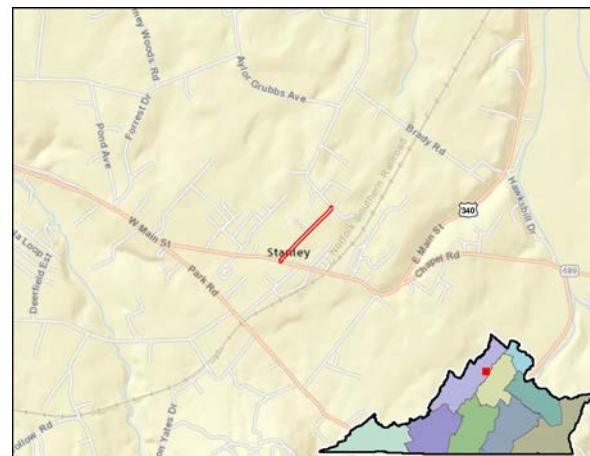
For more information on how to read a scorecard, click [here](#).

Aylor Grubbs Improvement Project

App Id: 1402

Improvements to Aylor Grubbs Avenue (St. Rt. 638) which include widening, new sidewalks and storm water drainage.

Project Location..... Page County  
SMART SCALE Area Type..... D  
Submitting Entity..... Page County  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... District Grant  
VTrans Need..... Town of Stanley Urban Development Area  
( [Click for details](#) )



**0.8**

SMART SCALE  
SCORE

**#303** OF 404 STATEWIDE

**#35** OF 42 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$3,139,023**

Total Project Cost..... **\$4,394,563**

Project Benefit..... **0.2**

Project Benefit / Total Cost..... **0.5**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 0.8<br>persons                            | 0.0<br>person hrs.             | 0.6<br>EPDO                           | 240.9<br>EPDO / 100M VMT                 | 0.0<br>jobs per resident   | 0.0<br>jobs per resident                                 | 1.2<br>adjusted users                           | 0.0<br>thousand adj sq. ft.                                | 0.0<br>thousand adj daily tons | 79,949.2<br>adj. buffer time index     | 1.6<br>adjusted points           | 0.2<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.0                                       | 0.0                            | 0.2                                   | 1.2                                      | 0.0                        | 0.0                                                      | 0.0                                             | 0.0                                                        | 0.0                            | 0.0                                    | 0.0                              | 0.4                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.0                                       |                                | 0.7                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.2                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 10%                                       |                                | 30%                                   |                                          | 15%                        |                                                          |                                                 | 35%                                                        |                                |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.2                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.0                              |                                                          |                                                      |
| Project Benefit                                                | 0.2                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$3,139,023                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 0.8                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

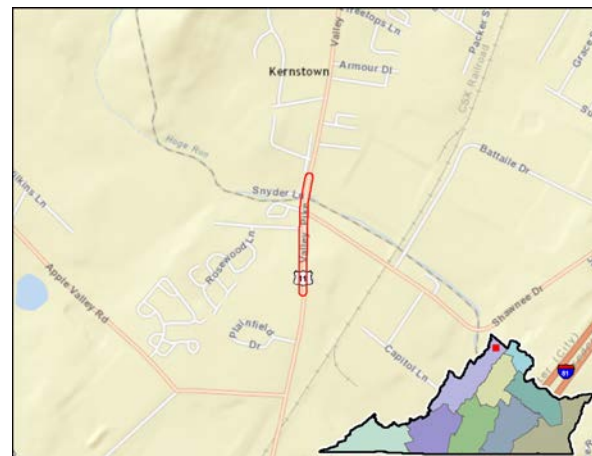
For more information on how to read a scorecard, click [here](#).

Valley Pike/Shawnee Drive Intersection Improvements

App Id: 1409

Operational, geometric and access management mitigations to safety and mobility deficiencies at an urban intersection and adjacent 0.2 mile section of US 11.

Project Location..... Multiple  
SMART SCALE Area Type..... C  
Submitting Entity..... Win-Fred Metropolitan Planning Organization  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... High Priority  
VTrans Need..... Crescent Corridor CoSS  
( [Click for details](#) )



**1.7**

SMART SCALE  
SCORE

**#238** OF 404 STATEWIDE

**#32** OF 42 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$4,141,789**

Total Project Cost..... **\$4,227,098**

Project Benefit..... **0.7**

Project Benefit / Total Cost..... **1.7**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 15.4<br>persons                           | 0.0<br>person hrs.             | 1.6<br>EPDO                           | 142.5<br>EPDO / 100M VMT                 | 0.0<br>jobs per resident   | 0.0<br>jobs per resident                                 | 23.0<br>adjusted users                          | 919,864.3<br>thousand adj sq. ft.                          | 0.0<br>thousand adj daily tons | 857,836.1<br>adj. buffer time index    | 30.7<br>adjusted points          | 0.5<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.2                                       | 0.0                            | 0.5                                   | 0.7                                      | 0.0                        | 0.0                                                      | 0.2                                             | 3.3                                                        | 0.0                            | 0.1                                    | 0.2                              | 1.0                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.1                                       |                                | 0.6                                   |                                          | 0.0                        |                                                          |                                                 | 2.0                                                        |                                |                                        | 0.6                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 25%                                   |                                          | 25%                        |                                                          |                                                 | 25%                                                        |                                |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.2                                   |                                          | 0.0                        |                                                          |                                                 | 0.5                                                        |                                |                                        | 0.1                              |                                                          |                                                      |
| Project Benefit                                                | 0.7                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$4,141,789                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 1.7                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |



# PROJECT SCORECARD

For more information on how to read a scorecard, click [here](#).

Rte. 55 East/John Marshall Highway

App Id: 1433

Reconstruction of Rte. 55 East from the Front Royal Corporate Limits to approx. 1.82 miles east. The reconstructed roadway would improve the vertical and horizontal alignment to a new four (4) lane divided highway with a 16' raised median.

Project Location..... Warren County  
SMART SCALE Area Type..... D  
Submitting Entity..... Warren County  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... Both  
VTrans Need..... Northern Virginia Corridor CoSS  
( Click for details )



**0.3**

SMART SCALE  
SCORE

**#369** OF 404 STATEWIDE

**#39** OF 42 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$31,577,870**

Total Project Cost..... **\$31,577,870**

Project Benefit..... **0.8**

Project Benefit / Total Cost..... **0.3**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                    |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted             | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 3.6<br>persons                            | 0.0<br>person hrs.             | 12.9<br>EPDO                          | 143.6<br>EPDO / 100M VMT                 | 3.5<br>jobs per resident   | 3.5<br>jobs per resident                                 | 5.4<br>adjusted users                           | 0.0<br>thousand adj sq. ft.                                | 5,137.1<br>thousand adj daily tons | 3,606,590.3<br>adj. buffer time index  | 7.2<br>adjusted points           | 0.6<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.0                                       | 0.0                            | 3.9                                   | 0.7                                      | 0.1                        | 0.1                                                      | 0.0                                             | 0.0                                                        | 0.3                                | 0.3                                    | 0.0                              | 1.1                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.0                                       |                                | 2.3                                   |                                          | 0.1                        |                                                          |                                                 | 0.1                                                        |                                    |                                        | 0.6                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 10%                                       |                                | 30%                                   |                                          | 15%                        |                                                          |                                                 | 35%                                                        |                                    |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.7                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                    |                                        | 0.1                              |                                                          |                                                      |
| Project Benefit                                                | 0.8                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$31,577,870                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 0.3                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                    |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

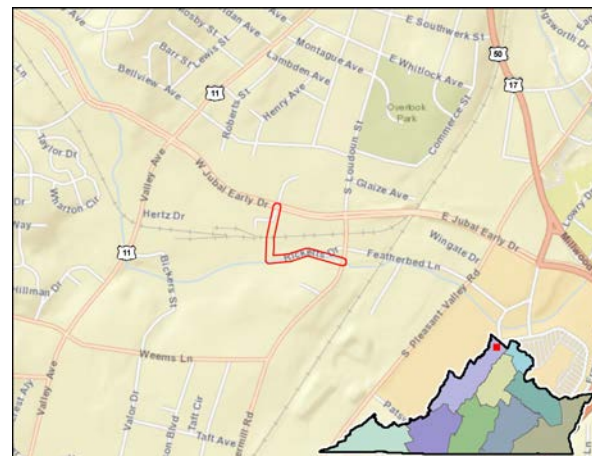
For more information on how to read a scorecard, click [here](#).

Green Circle Trail - Final Phases

App Id: 1434

This projects consists of the final sections of the Green Circle Trail which is a multi-use, bike/pedestrian path that connects multiple key activity centers within the City of Winchester.

Project Location..... Winchester City  
 SMART SCALE Area Type..... C  
 Submitting Entity..... Winchester City  
 Preliminary Engineering..... Not Started  
 Right of Way..... Not Started  
 Construction..... Not Started  
 Expenditures to Date..... N/A  
 Key Fund Sources..... N/A  
 Administered By..... Locality  
 Eligible Funding Program(s)..... Both  
 VTrans Need..... Win-Fred Regional Network  
 ( Click for details )



|                                    |                               |
|------------------------------------|-------------------------------|
| <b>7.6</b><br>SMART SCALE<br>SCORE | <b>#96</b> OF 404 STATEWIDE   |
|                                    | <b>#12</b> OF 42 DISTRICTWIDE |

SMART SCALE Requested Funds..... **\$3,092,000**

Total Project Cost..... **\$5,754,500**

Project Benefit..... **2.4**

Project Benefit / Total Cost..... **4.1**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 28.0<br>persons                           | 0.0<br>person hrs.             | 37.8<br>EPDO                          | 973.4<br>EPDO / 100M VMT                 | 0.0<br>jobs per resident   | 0.0<br>jobs per resident                                 | 84.0<br>adjusted users                          | 85,500.0<br>thousand adj sq. ft.                           | 0.0<br>thousand adj daily tons | 0.0<br>adj. buffer time index          | 112.0<br>adjusted points         | 1.7<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.3                                       | 0.0                            | 11.5                                  | 5.0                                      | 0.0                        | 0.0                                                      | 0.6                                             | 0.3                                                        | 0.0                            | 0.0                                    | 0.7                              | 3.2                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.1                                       |                                | 8.3                                   |                                          | 0.1                        |                                                          |                                                 | 0.2                                                        |                                |                                        | 1.9                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 25%                                   |                                          | 25%                        |                                                          |                                                 | 25%                                                        |                                |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 2.1                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.2                              |                                                          |                                                      |
| Project Benefit                                                | 2.4                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$3,092,000                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 7.6                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

For more information on how to read a scorecard, click [here](#).

Route 37 Extension I-81 Exit 310 to Route 522

App Id: 1438

Extend Route 37 from terminus of VDOT project 75881 to Route 522.

Project Location..... Frederick County  
SMART SCALE Area Type..... C  
Submitting Entity..... Frederick County  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... Both  
VTrans Need..... Win-Fred Regional Network  
( [Click for details](#) )



**0.7**

SMART SCALE  
SCORE

**#316** OF 404 STATEWIDE

**#37** OF 42 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$102,187,440**

Total Project Cost..... **\$102,187,440**

Project Benefit..... **6.8**

Project Benefit / Total Cost..... **0.7**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                     |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|-------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted              | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 3,115.0<br>persons                        | 914.0<br>person hrs.           | 0.0<br>EPDO                           | 0.0<br>EPDO / 100M VMT                   | 23.3<br>jobs per resident  | 21.0<br>jobs per resident                                | 0.0<br>adjusted users                           | 2,343,666.7<br>thousand adj sq. ft.                        | 38,491.7<br>thousand adj daily tons | 75,457,418.8<br>adj. buffer time index | 451.5<br>adjusted points         | 4.8<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 30.7                                      | 28.1                           | 0.0                                   | 0.0                                      | 0.9                        | 0.8                                                      | 0.0                                             | 8.3                                                        | 2.3                                 | 5.5                                    | 2.6                              | 9.3                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                 | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 29.4                                      |                                | 0.0                                   |                                          | 0.7                        |                                                          |                                                 | 6.6                                                        |                                     |                                        | 5.9                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 25%                                   |                                          | 25%                        |                                                          |                                                 | 25%                                                        |                                     |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 4.4                                       |                                | 0.0                                   |                                          | 0.2                        |                                                          |                                                 | 1.6                                                        |                                     |                                        | 0.6                              |                                                          |                                                      |
| Project Benefit                                                | 6.8                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$102,187,440                             |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 0.7                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

For more information on how to read a scorecard, click [here](#).

Papermill Road Turn Lane

App Id: 1444

Extend Right Turn lane of Papermill Road (Rt 644) at its intersection with Route 522

Project Location..... Frederick County  
SMART SCALE Area Type..... C  
Submitting Entity..... Frederick County  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... Both  
VTrans Need..... Win-Fred Regional Network  
( [Click for details](#) )



**7.6**

SMART SCALE  
SCORE

**#97**

OF 404 STATEWIDE

**#13**

OF 42 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$507,262**

Total Project Cost..... **\$507,262**

Project Benefit..... **0.4**

Project Benefit / Total Cost..... **7.6**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                     |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|-------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted              | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 0.0<br>persons                            | 42.4<br>person hrs.            | 0.4<br>EPDO                           | 35.3<br>EPDO / 100M VMT                  | 7.5<br>jobs per resident   | 7.2<br>jobs per resident                                 | 0.0<br>adjusted users                           | 0.0<br>thousand adj sq. ft.                                | 34,046.2<br>thousand adj daily tons | 1,096,874.7<br>adj. buffer time index  | 191.5<br>adjusted points         | 0.3<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.0                                       | 1.3                            | 0.1                                   | 0.2                                      | 0.3                        | 0.3                                                      | 0.0                                             | 0.0                                                        | 2.0                                 | 0.1                                    | 1.1                              | 0.6                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                 | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.7                                       |                                | 0.1                                   |                                          | 0.2                        |                                                          |                                                 | 0.4                                                        |                                     |                                        | 0.9                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 25%                                   |                                          | 25%                        |                                                          |                                                 | 25%                                                        |                                     |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.1                                       |                                | 0.0                                   |                                          | 0.1                        |                                                          |                                                 | 0.1                                                        |                                     |                                        | 0.1                              |                                                          |                                                      |
| Project Benefit                                                | 0.4                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$507,262                                 |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 7.6                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |



# PROJECT SCORECARD

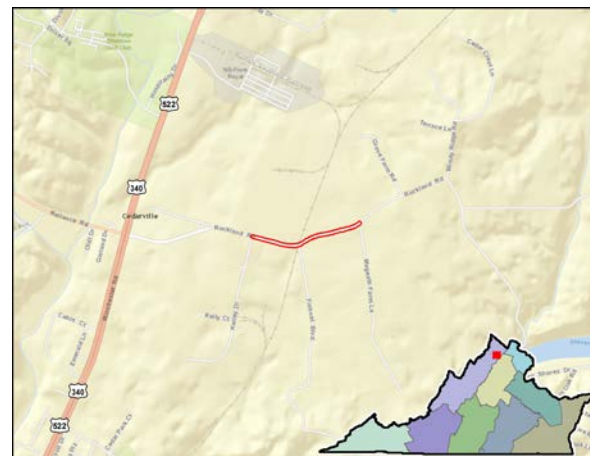
For more information on how to read a scorecard, click here.

Rte. 658/Rockland Rd. NS Railway Bridge

App Id: 1445

Construct separated bridge overpass of Norfolk & Southern Railway.

Project Location..... Warren County  
SMART SCALE Area Type..... D  
Submitting Entity..... Warren County  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... Both  
VTrans Need..... Win-Fred Regional Network  
( Click for details )



## 3.2

SMART SCALE  
SCORE

**#174** OF 404 STATEWIDE

**#21** OF 42 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$12,979,380**

Total Project Cost..... **\$12,979,380**

Project Benefit..... **4.1**

Project Benefit / Total Cost..... **3.2**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                  |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|----------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted           | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 0.0<br>persons                            | 16.8<br>person hrs.            | 3.5<br>EPDO                           | 4,639.5<br>EPDO / 100M VMT               | 0.0<br>jobs per resident   | 0.0<br>jobs per resident                                 | 0.0<br>adjusted users                           | 0.0<br>thousand adj sq. ft.                                | 355.1<br>thousand adj daily tons | 0.0<br>adj. buffer time index          | 0.8<br>adjusted points           | 3.4<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.0                                       | 0.5                            | 1.1                                   | 24.0                                     | 0.0                        | 0.0                                                      | 0.0                                             | 0.0                                                        | 0.0                              | 0.0                                    | 0.0                              | 6.7                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                              | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.3                                       |                                | 12.5                                  |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                  |                                        | 3.3                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 10%                                       |                                | 30%                                   |                                          | 15%                        |                                                          |                                                 | 35%                                                        |                                  |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 3.8                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                  |                                        | 0.3                              |                                                          |                                                      |
| Project Benefit                                                | 4.1                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                  |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$12,979,380                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                  |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 3.2                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                  |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

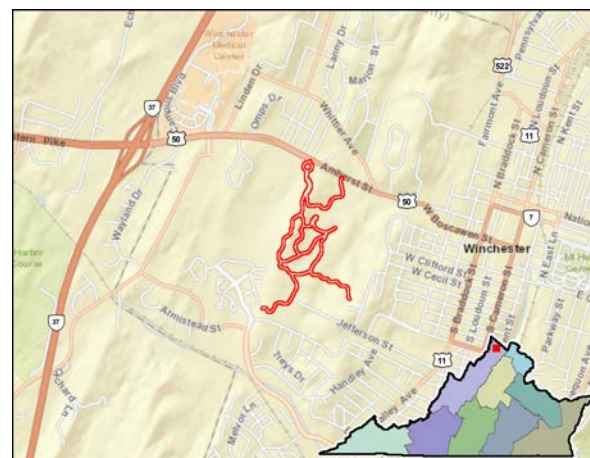
For more information on how to read a scorecard, click [here](#).

Museum of the Shenandoah Valley Trails

App Id: 1454

Construction of approximately 3-miles of bike/pedestrian trails on the 90+ acres of property where the Museum of the Shenandoah Valley is located in the City of Winchester. These trails will be open to the public, year-round, at no cost.

Project Location..... Winchester City  
 SMART SCALE Area Type..... C  
 Submitting Entity..... Winchester City  
 Preliminary Engineering..... Underway  
 Right of Way..... Not Needed  
 Construction..... Not Started  
 Expenditures to Date..... N/A  
 Key Fund Sources..... N/A  
 Administered By..... Locality  
 Eligible Funding Program(s)..... Both  
 VTrans Need..... Win-Fred Regional Network  
 ( Click for details )



**1.9**

SMART SCALE  
SCORE

**#234** OF 404 STATEWIDE

**#31** OF 42 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$1,495,270**

Total Project Cost..... **\$3,167,770**

Project Benefit..... **0.3**

Project Benefit / Total Cost..... **0.9**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 53.9<br>persons                           | 0.0<br>person hrs.             | 0.0<br>EPDO                           | 0.0<br>EPDO / 100M VMT                   | 0.0<br>jobs per resident   | 0.0<br>jobs per resident                                 | 161.8<br>adjusted users                         | 201,000.0<br>thousand adj sq. ft.                          | 0.0<br>thousand adj daily tons | 0.0<br>adj. buffer time index          | 215.8<br>adjusted points         | 0.2<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.5                                       | 0.0                            | 0.0                                   | 0.0                                      | 0.0                        | 0.0                                                      | 1.1                                             | 0.7                                                        | 0.0                            | 0.0                                    | 1.3                              | 0.4                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.3                                       |                                | 0.0                                   |                                          | 0.2                        |                                                          |                                                 | 0.4                                                        |                                |                                        | 0.8                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 25%                                   |                                          | 25%                        |                                                          |                                                 | 25%                                                        |                                |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.0                                   |                                          | 0.1                        |                                                          |                                                 | 0.1                                                        |                                |                                        | 0.1                              |                                                          |                                                      |
| Project Benefit                                                | 0.3                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$1,495,270                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 1.9                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

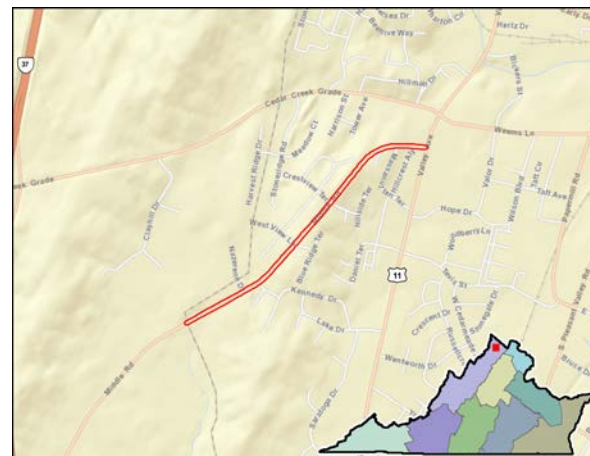
For more information on how to read a scorecard, click [here](#).

Middle Road Improvements Project

App Id: 1455

Construction of bike lanes, sidewalks, curb & gutter, and drainage improvements on Middle Road between Valley Avenue (U.S. Route 11) and the city limits.

Project Location..... Winchester City  
SMART SCALE Area Type..... C  
Submitting Entity..... Winchester City  
Preliminary Engineering..... Not Started  
Right of Way..... Not Needed  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... Locality  
Eligible Funding Program(s)..... Both  
VTrans Need..... Win-Fred Regional Network  
( [Click for details](#) )



## 2.1

SMART SCALE  
SCORE

**#219** OF 404 STATEWIDE

**#29** OF 42 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$2,026,670**

Total Project Cost..... **\$3,526,670**

Project Benefit..... **0.4**

Project Benefit / Total Cost..... **1.2**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 6.3<br>persons                            | 0.0<br>person hrs.             | 3.0<br>EPDO                           | 149.8<br>EPDO / 100M VMT                 | 0.8<br>jobs per resident   | 0.9<br>jobs per resident                                 | 18.8<br>adjusted users                          | 291,000.0<br>thousand adj sq. ft.                          | 0.0<br>thousand adj daily tons | 1,429,267.6<br>adj. buffer time index  | 25.1<br>adjusted points          | 0.3<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.1                                       | 0.0                            | 0.9                                   | 0.8                                      | 0.0                        | 0.0                                                      | 0.1                                             | 1.0                                                        | 0.0                            | 0.1                                    | 0.1                              | 0.6                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.0                                       |                                | 0.8                                   |                                          | 0.1                        |                                                          |                                                 | 0.6                                                        |                                |                                        | 0.4                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 25%                                   |                                          | 25%                        |                                                          |                                                 | 25%                                                        |                                |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.2                                   |                                          | 0.0                        |                                                          |                                                 | 0.2                                                        |                                |                                        | 0.0                              |                                                          |                                                      |
| Project Benefit                                                | 0.4                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$2,026,670                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 2.1                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

For more information on how to read a scorecard, click [here](#).

Route 11 North Widening

App Id: 1471

Widening of Route 11 North from Snowden Bridge Blvd to Old Charlestown Road (761)

Project Location..... Frederick County  
SMART SCALE Area Type..... C  
Submitting Entity..... Frederick County  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... Both  
VTrans Need..... Win-Fred Regional Network  
( Click for details )



**2.3**

SMART SCALE  
SCORE

**#207** OF 404 STATEWIDE

**#26** OF 42 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$28,346,120**

Total Project Cost..... **\$28,346,120**

Project Benefit..... **6.4**

Project Benefit / Total Cost..... **2.3**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                 |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|---------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted          | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 431.7 persons                             | 199.2 person hrs.              | 55.5 EPDO                             | 1,069.7 EPDO / 100M VMT                  | 34.2 jobs per resident     | 33.0 jobs per resident                                   | 40.7 adjusted users                             | 3,812,500.0 thousand adj sq. ft.                           | 6,844.9 thousand adj daily tons | 5,433,096.9 adj. buffer time index     | 54.3 adjusted points             | 4.5 scaled points                                        | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 4.3                                       | 6.1                            | 16.9                                  | 5.5                                      | 1.3                        | 1.3                                                      | 0.3                                             | 13.5                                                       | 0.4                             | 0.4                                    | 0.3                              | 8.8                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                             | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 5.2                                       |                                | 11.2                                  |                                          | 1.1                        |                                                          |                                                 | 8.3                                                        |                                 |                                        | 4.5                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 25%                                   |                                          | 25%                        |                                                          |                                                 | 25%                                                        |                                 |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.8                                       |                                | 2.8                                   |                                          | 0.3                        |                                                          |                                                 | 2.1                                                        |                                 |                                        | 0.5                              |                                                          |                                                      |
| Project Benefit                                                | 6.4                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                 |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$28,346,120                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                 |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 2.3                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                 |                                        |                                  |                                                          |                                                      |



# PROJECT SCORECARD

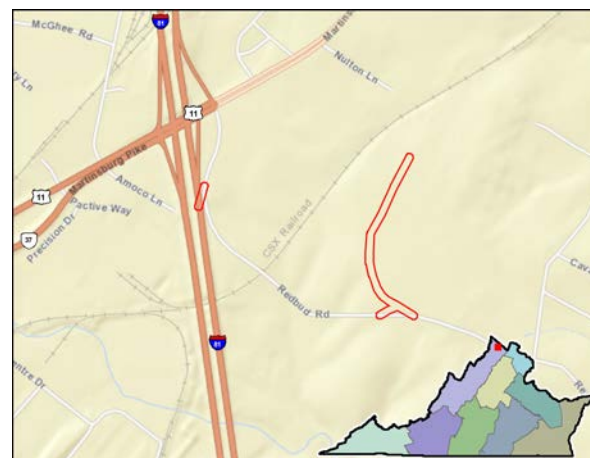
For more information on how to read a scorecard, click [here](#).

Exit 317 and Redbud Road

App Id: 1473

Realign I-81 Northbound Exit ramp to Route 11 to the location of the current intersection of Redbud Road and Route 11 and Realign Redbud Road to an intersection with Snowden Bridge Blvd.

Project Location..... Frederick County  
SMART SCALE Area Type..... C  
Submitting Entity..... Frederick County  
Preliminary Engineering..... Underway  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... Both  
VTrans Need..... Winchester Regional Network  
( [Click for details](#) )



**3.5**

SMART SCALE  
SCORE

**#160** OF 404 STATEWIDE

**#20** OF 42 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$10,726,952**

Total Project Cost..... **\$11,239,132**

Project Benefit..... **3.8**

Project Benefit / Total Cost..... **3.4**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                     |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|-------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted              | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 5.4<br>persons                            | 10.3<br>person hrs.            | 20.7<br>EPDO                          | 1,308.5<br>EPDO / 100M VMT               | 6.7<br>jobs per resident   | 6.5<br>jobs per resident                                 | 16.1<br>adjusted users                          | 3,500,000.0<br>thousand adj sq. ft.                        | 23,742.6<br>thousand adj daily tons | 4,254,166.3<br>adj. buffer time index  | 21.5<br>adjusted points          | 1.0<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.1                                       | 0.3                            | 6.3                                   | 6.8                                      | 0.3                        | 0.2                                                      | 0.1                                             | 12.4                                                       | 1.4                                 | 0.3                                    | 0.1                              | 2.0                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                 | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.2                                       |                                | 6.5                                   |                                          | 0.2                        |                                                          |                                                 | 7.8                                                        |                                     |                                        | 1.1                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 25%                                   |                                          | 25%                        |                                                          |                                                 | 25%                                                        |                                     |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 1.6                                   |                                          | 0.1                        |                                                          |                                                 | 1.9                                                        |                                     |                                        | 0.1                              |                                                          |                                                      |
| Project Benefit                                                | 3.8                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$10,726,952                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 3.5                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

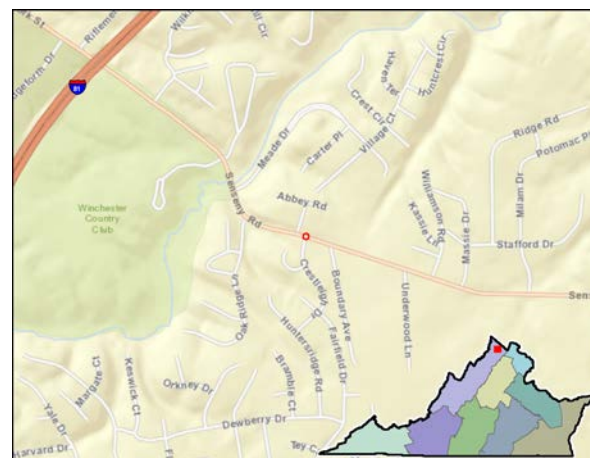
For more information on how to read a scorecard, click [here](#).

Intersection of Senseny Road and Crestleigh Drive

App Id: 1474

Improvements to the intersection of Senseny Road (657) and Crestleigh Drive to include turn lanes and potential signalization.

Project Location..... Frederick County  
SMART SCALE Area Type..... C  
Submitting Entity..... Frederick County  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... District Grant  
VTrans Need..... Frederick County UDA  
( Click for details )



## 5.3

SMART SCALE  
SCORE

**#134** OF 404 STATEWIDE

**#18** OF 42 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$2,548,579**

Total Project Cost..... **\$2,548,579**

Project Benefit..... **1.4**

Project Benefit / Total Cost..... **5.3**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 0.0<br>persons                            | 1.9<br>person hrs.             | 0.3<br>EPDO                           | 52.1<br>EPDO / 100M VMT                  | 158.0<br>jobs per resident | 163.5<br>jobs per resident                               | 0.0<br>adjusted users                           | 0.0<br>thousand adj sq. ft.                                | 0.0<br>thousand adj daily tons | 0.0<br>adj. buffer time index          | 0.0<br>adjusted points           | 1.0<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.0                                       | 0.1                            | 0.1                                   | 0.3                                      | 6.0                        | 6.2                                                      | 0.0                                             | 0.0                                                        | 0.0                            | 0.0                                    | 0.0                              | 1.9                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.0                                       |                                | 0.2                                   |                                          | 4.9                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.9                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 25%                                   |                                          | 25%                        |                                                          |                                                 | 25%                                                        |                                |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.0                                   |                                          | 1.2                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.1                              |                                                          |                                                      |
| Project Benefit                                                | 1.4                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$2,548,579                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 5.3                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

For more information on how to read a scorecard, click [here](#).

Route 37 and Warrior Drive

App Id: 1476

Extend Route 37 from its interchange with Tasker Road to the future location of Warrior Drive. Extend Warrior Drive from its existing terminus to Route 37.

Project Location..... Frederick County  
SMART SCALE Area Type..... C  
Submitting Entity..... Frederick County  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... Both  
VTrans Need..... Win-Fred Regional Network  
( Click for details )



**1.5**

SMART SCALE  
SCORE

**#253** OF 404 STATEWIDE

**#33** OF 42 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$49,510,800**

Total Project Cost..... **\$49,510,800**

Project Benefit..... **7.6**

Project Benefit / Total Cost..... **1.5**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                     |                                         | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|-------------------------------------|-----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted              | Improvement to Travel Time Reliability  | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 3,235.0<br>persons                        | 949.0<br>person hrs.           | 0.0<br>EPDO                           | 0.0<br>EPDO / 100M VMT                   | 8.1<br>jobs per resident   | 8.0<br>jobs per resident                                 | 0.0<br>adjusted users                           | 3,351,500.0<br>thousand adj sq. ft.                        | 48,477.1<br>thousand adj daily tons | 132,118,906.9<br>adj. buffer time index | 0.0<br>adjusted points           | 5.6<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 31.9                                      | 29.2                           | 0.0                                   | 0.0                                      | 0.3                        | 0.3                                                      | 0.0                                             | 11.9                                                       | 2.9                                 | 9.7                                     | 0.0                              | 10.9                                                     |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                 | 20%                                     | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 30.6                                      |                                | 0.0                                   |                                          | 0.2                        |                                                          |                                                 | 9.6                                                        |                                     |                                         | 5.5                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 25%                                   |                                          | 25%                        |                                                          |                                                 | 25%                                                        |                                     |                                         | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 4.6                                       |                                | 0.0                                   |                                          | 0.1                        |                                                          |                                                 | 2.4                                                        |                                     |                                         | 0.5                              |                                                          |                                                      |
| Project Benefit                                                | 7.6                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                         |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$49,510,800                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                         |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 1.5                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                         |                                  |                                                          |                                                      |

# PROJECT SCORECARD

For more information on how to read a scorecard, click here.

Route 277 widening and access management

App Id: 1478

Phase II of Route 277 improvements. Widening and access management from Double Church Road to Warrior Drive

Project Location..... Frederick County  
SMART SCALE Area Type..... C  
Submitting Entity..... Frederick County  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... Both  
VTrans Need..... Win-Fred Regional Network  
( Click for details )



**0.2**

SMART SCALE  
SCORE

**#381** OF 404 STATEWIDE

**#42** OF 42 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$25,428,550**

Total Project Cost..... **\$25,428,550**

Project Benefit..... **0.4**

Project Benefit / Total Cost..... **0.2**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                     |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|-------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted              | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 17.7<br>persons                           | 2.1<br>person hrs.             | 5.2<br>EPDO                           | 144.7<br>EPDO / 100M VMT                 | 0.3<br>jobs per resident   | 0.3<br>jobs per resident                                 | 53.2<br>adjusted users                          | 0.0<br>thousand adj sq. ft.                                | 13,673.8<br>thousand adj daily tons | 3,341,324.1<br>adj. buffer time index  | 70.9<br>adjusted points          | 0.4<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.2                                       | 0.1                            | 1.6                                   | 0.7                                      | 0.0                        | 0.0                                                      | 0.4                                             | 0.0                                                        | 0.8                                 | 0.2                                    | 0.4                              | 0.7                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                 | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.1                                       |                                | 1.2                                   |                                          | 0.1                        |                                                          |                                                 | 0.2                                                        |                                     |                                        | 0.6                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 25%                                   |                                          | 25%                        |                                                          |                                                 | 25%                                                        |                                     |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.3                                   |                                          | 0.0                        |                                                          |                                                 | 0.1                                                        |                                     |                                        | 0.1                              |                                                          |                                                      |
| Project Benefit                                                | 0.4                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$25,428,550                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 0.2                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |



# PROJECT SCORECARD

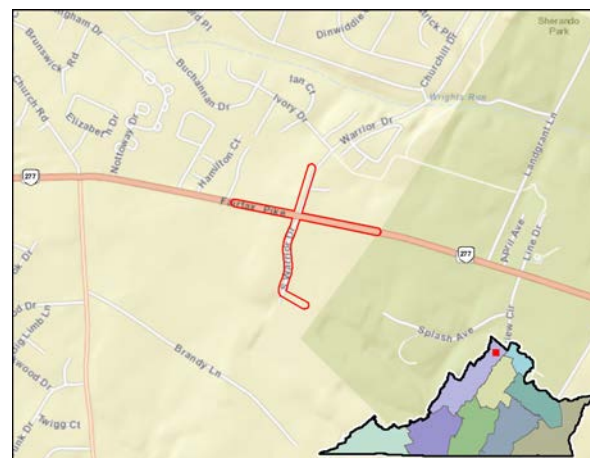
For more information on how to read a scorecard, click [here](#).

Intersection of Route 277 and Warrior Drive

App Id: 1480

Extend right turn lane for eastbound 277 at the intersection of Rt 277 and Warrior Drive with pedestrian improvements.

Project Location..... Frederick County  
SMART SCALE Area Type..... C  
Submitting Entity..... Frederick County  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... Both  
VTrans Need..... Win-Fred Regional Network  
( Click for details )



**2.9**

SMART SCALE  
SCORE

**#184** OF 404 STATEWIDE

**#22** OF 42 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$476,644**

Total Project Cost..... **\$476,644**

Project Benefit..... **0.1**

Project Benefit / Total Cost..... **2.9**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 50.0<br>persons                           | 0.0<br>person hrs.             | 0.4<br>EPDO                           | 32.1<br>EPDO / 100M VMT                  | 0.0<br>jobs per resident   | 0.0<br>jobs per resident                                 | 75.0<br>adjusted users                          | 0.0<br>thousand adj sq. ft.                                | 0.0<br>thousand adj daily tons | 0.0<br>adj. buffer time index          | 100.0<br>adjusted points         | 0.1<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.5                                       | 0.0                            | 0.1                                   | 0.2                                      | 0.0                        | 0.0                                                      | 0.5                                             | 0.0                                                        | 0.0                            | 0.0                                    | 0.6                              | 0.2                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.2                                       |                                | 0.1                                   |                                          | 0.1                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.4                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 25%                                   |                                          | 25%                        |                                                          |                                                 | 25%                                                        |                                |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.0                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.0                              |                                                          |                                                      |
| Project Benefit                                                | 0.1                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$476,644                                 |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 2.9                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

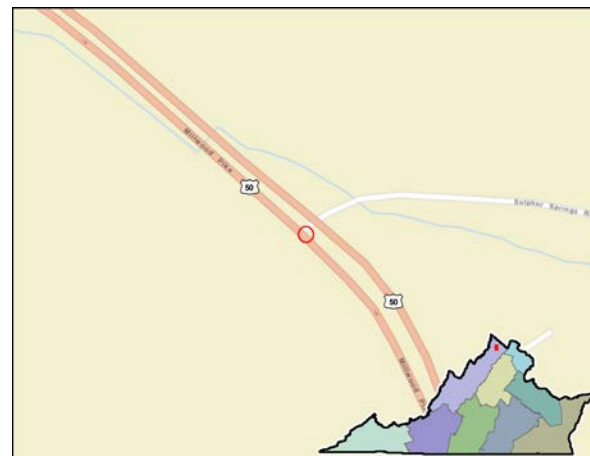
For more information on how to read a scorecard, click [here](#).

Sulphur Springs Road Intersection Improvements

App Id: 1503

Intersection improvement at Sulphur Springs Road (Route 655) and Millwood Pike (US 50/17).

Project Location..... Frederick County  
SMART SCALE Area Type..... C  
Submitting Entity..... Frederick County  
Preliminary Engineering..... Underway  
Right of Way..... Underway  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... District Grant  
VTrans Need..... Safety: PSI Data and Geometric Issue  
( [Click for details](#) )



**8.8**

SMART SCALE  
SCORE

**#85**

OF 404 STATEWIDE

**#11**

OF 42 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$2,812,610**

Total Project Cost..... **\$3,443,255**

Project Benefit..... **2.5**

Project Benefit / Total Cost..... **7.2**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                     |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|-------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted              | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 0.0<br>persons                            | 2.1<br>person hrs.             | 17.6<br>EPDO                          | 2,367.6<br>EPDO / 100M VMT               | 0.3<br>jobs per resident   | 0.3<br>jobs per resident                                 | 0.0<br>adjusted users                           | 0.0<br>thousand adj sq. ft.                                | 15,464.2<br>thousand adj daily tons | 1,037,779.7<br>adj. buffer time index  | 0.0<br>adjusted points           | 2.1<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.0                                       | 0.1                            | 5.3                                   | 12.3                                     | 0.0                        | 0.0                                                      | 0.0                                             | 0.0                                                        | 0.9                                 | 0.1                                    | 0.0                              | 4.2                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                 | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.0                                       |                                | 8.8                                   |                                          | 0.0                        |                                                          |                                                 | 0.2                                                        |                                     |                                        | 2.1                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 25%                                   |                                          | 25%                        |                                                          |                                                 | 25%                                                        |                                     |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 2.2                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                     |                                        | 0.2                              |                                                          |                                                      |
| Project Benefit                                                | 2.5                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$2,812,610                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 8.8                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

For more information on how to read a scorecard, click [here](#).

West Main Street Intersection Improvements

App Id: 1510

Construction of a roundabout at Northcott Dr. and West Main/US 211 Bus. New turn lane at Northcott and US 211. Traffic Flow enhancements at Leaksville Rd., US 211 and West Main, as well as Cave Hill Rd. and US 211

Project Location..... Luray  
SMART SCALE Area Type..... D  
Submitting Entity..... Luray Town  
Preliminary Engineering..... Underway  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... \$104,123  
Key Fund Sources..... Fed-State Disc  
Administered By..... VDOT  
Eligible Funding Program(s)..... District Grant  
VTrans Need..... Town of Luray UDA  
( Click for details )



**5.9**

SMART SCALE  
SCORE

**#126** OF 404 STATEWIDE

**#17** OF 42 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$1,338,559**

Total Project Cost..... **\$2,871,596**

Project Benefit..... **0.8**

Project Benefit / Total Cost..... **2.8**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted         | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 117.8<br>persons                          | 75.0<br>person hrs.            | 3.0<br>EPDO                           | 471.3<br>EPDO / 100M VMT                 | 0.0<br>jobs per resident   | 0.0<br>jobs per resident                                 | 8.8<br>adjusted users                           | 63,436.0<br>thousand adj sq. ft.                           | 0.0<br>thousand adj daily tons | 261,648.6<br>adj. buffer time index    | 11.8<br>adjusted points          | 0.7<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 1.2                                       | 2.3                            | 0.9                                   | 2.4                                      | 0.0                        | 0.0                                                      | 0.1                                             | 0.2                                                        | 0.0                            | 0.0                                    | 0.1                              | 1.3                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                            | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 1.7                                       |                                | 1.7                                   |                                          | 0.0                        |                                                          |                                                 | 0.1                                                        |                                |                                        | 0.7                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 10%                                       |                                | 30%                                   |                                          | 15%                        |                                                          |                                                 | 35%                                                        |                                |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.2                                       |                                | 0.5                                   |                                          | 0.0                        |                                                          |                                                 | 0.0                                                        |                                |                                        | 0.1                              |                                                          |                                                      |
| Project Benefit                                                | 0.8                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$1,338,559                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 5.9                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

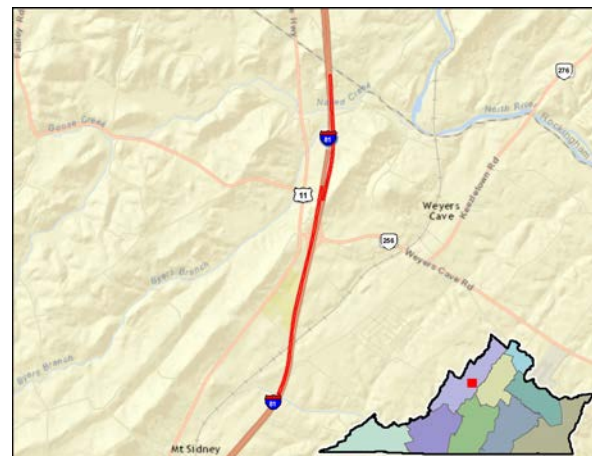
For more information on how to read a scorecard, click here.

Interstate 81 Exit 235 Weyers Cave - Truck Climbing Lanes

App Id: 1578

Add north- and southbound truck climbing lanes and associated improvements on I-81 in the vicinity of Exit 235 in Weyers Cave.

Project Location..... Augusta County  
SMART SCALE Area Type..... D  
Submitting Entity..... Central Shenandoah Planning District  
Commission  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... High Priority  
VTrans Need..... SAW Regional Network  
( Click for details )



**2.2**

SMART SCALE  
SCORE

**#208** OF 404 STATEWIDE

**#27** OF 42 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$60,220,000**

Total Project Cost..... **\$60,220,000**

Project Benefit..... **13.5**

Project Benefit / Total Cost..... **2.2**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                      |                                         | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------------|-----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted               | Improvement to Travel Time Reliability  | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 1,177.7<br>persons                        | 193.4<br>person hrs.           | 61.6<br>EPDO                          | 101.8<br>EPDO / 100M VMT                 | 355.1<br>jobs per resident | 344.4<br>jobs per resident                               | 0.0<br>adjusted users                           | 2,118,012.8<br>thousand adj sq. ft.                        | 954,452.5<br>thousand adj daily tons | 134,000,429.6<br>adj. buffer time index | 2,544.3<br>adjusted points       | 11.5<br>scaled points                                    | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 11.6                                      | 5.9                            | 18.7                                  | 0.5                                      | 13.5                       | 13.1                                                     | 0.0                                             | 7.5                                                        | 56.3                                 | 9.8                                     | 14.9                             | 22.4                                                     |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                  | 20%                                     | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 8.8                                       |                                | 9.6                                   |                                          | 10.7                       |                                                          |                                                 | 17.7                                                       |                                      |                                         | 18.6                             |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 10%                                       |                                | 30%                                   |                                          | 15%                        |                                                          |                                                 | 35%                                                        |                                      |                                         | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.9                                       |                                | 2.9                                   |                                          | 1.6                        |                                                          |                                                 | 6.2                                                        |                                      |                                         | 1.9                              |                                                          |                                                      |
| Project Benefit                                                | 13.5                                      |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                      |                                         |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$60,220,000                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                      |                                         |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 2.2                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                      |                                         |                                  |                                                          |                                                      |



# PROJECT SCORECARD

For more information on how to read a scorecard, click [here](#).

I-81 Exit 315 Northbound Deceleration Lane Extension

App Id: 1610

The proposed improvement extends the existing 300' deceleration lane and 300' taper to 800' plus 300' taper to conform with 2011 AASHTO Guidelines and improve safety.

Project Location..... Multiple  
SMART SCALE Area Type..... C  
Submitting Entity..... Win-Fred Metropolitan Planning Organization  
Preliminary Engineering..... Not Started  
Right of Way..... Not Needed  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... High Priority  
VTrans Need..... Win-Fred Regional Network  
( [Click for details](#) )



**32.8**

SMART SCALE  
SCORE

**#30**

OF 404 STATEWIDE

**#5**

OF 42 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$643,134**

Total Project Cost..... **\$643,134**

Project Benefit..... **2.1**

Project Benefit / Total Cost..... **32.8**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                      |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted               | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 0.0<br>persons                            | 5.5<br>person hrs.             | 0.0<br>EPDO                           | 0.0<br>EPDO / 100M VMT                   | 0.8<br>jobs per resident   | 0.8<br>jobs per resident                                 | 0.0<br>adjusted users                           | 0.0<br>thousand adj sq. ft.                                | 442,958.8<br>thousand adj daily tons | 0.0<br>adj. buffer time index          | 2,189.7<br>adjusted points       | 1.5<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.0                                       | 0.2                            | 0.0                                   | 0.0                                      | 0.0                        | 0.0                                                      | 0.0                                             | 0.0                                                        | 26.2                                 | 0.0                                    | 12.8                             | 2.9                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                  | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.1                                       |                                | 0.0                                   |                                          | 0.0                        |                                                          |                                                 | 5.2                                                        |                                      |                                        | 7.8                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 25%                                   |                                          | 25%                        |                                                          |                                                 | 25%                                                        |                                      |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.0                                       |                                | 0.0                                   |                                          | 0.0                        |                                                          |                                                 | 1.3                                                        |                                      |                                        | 0.8                              |                                                          |                                                      |
| Project Benefit                                                | 2.1                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                      |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$643,134                                 |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                      |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 32.8                                      |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                      |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

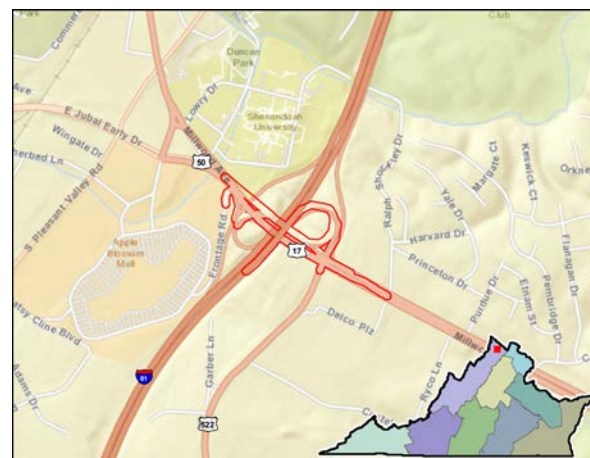
For more information on how to read a scorecard, click [here](#).

I-81 Exit 313 Interchange Improvement

App Id: 1625

Replacement of structurally deficient US 17/50/522 bridge over I-81 at Exit 313 with added capacity.

Project Location..... Multiple  
SMART SCALE Area Type..... C  
Submitting Entity..... Win-Fred Metropolitan Planning Organization  
Preliminary Engineering..... Not Started  
Right of Way..... Not Started  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... High Priority  
VTrans Need..... Crescent Corridor CoSS  
( Click for details )



**0.4**

SMART SCALE  
SCORE

**#346** OF 404 STATEWIDE

**#38** OF 42 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$37,342,969**

Total Project Cost..... **\$39,371,000**

Project Benefit..... **1.6**

Project Benefit / Total Cost..... **0.4**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                     |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|-------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted              | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 13.5<br>persons                           | 48.8<br>person hrs.            | 9.0<br>EPDO                           | 163.4<br>EPDO / 100M VMT                 | 10.7<br>jobs per resident  | 10.6<br>jobs per resident                                | 40.5<br>adjusted users                          | 1,234,655.0<br>thousand adj sq. ft.                        | 27,870.6<br>thousand adj daily tons | 5,558,379.7<br>adj. buffer time index  | 304.5<br>adjusted points         | 0.6<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 0.1                                       | 1.5                            | 2.7                                   | 0.8                                      | 0.4                        | 0.4                                                      | 0.3                                             | 4.4                                                        | 1.6                                 | 0.4                                    | 1.8                              | 1.1                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                 | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 0.8                                       |                                | 1.8                                   |                                          | 0.4                        |                                                          |                                                 | 3.0                                                        |                                     |                                        | 1.4                              |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 15%                                       |                                | 25%                                   |                                          | 25%                        |                                                          |                                                 | 25%                                                        |                                     |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.1                                       |                                | 0.4                                   |                                          | 0.1                        |                                                          |                                                 | 0.8                                                        |                                     |                                        | 0.1                              |                                                          |                                                      |
| Project Benefit                                                | 1.6                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$37,342,969                              |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 0.4                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                     |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

For more information on how to read a scorecard, click [here](#).

I-81 Exit 300 Southbound Acceleration Lane Extension

App Id: 1643

Extend acceleration lane onto I-81 southbound from westbound I-66.

Project Location..... Warren County  
 SMART SCALE Area Type..... D  
 Submitting Entity..... Northern Shenandoah Valley Regional Commission  
 Preliminary Engineering..... Not Started  
 Right of Way..... Not Needed  
 Construction..... Not Started  
 Expenditures to Date..... N/A  
 Key Fund Sources..... N/A  
 Administered By..... VDOT  
 Eligible Funding Program(s)..... High Priority  
 VTrans Need..... Win-Fred Regional Network  
 ( [Click for details](#) )



**11.1**

SMART SCALE  
SCORE

**#69**

OF 404 STATEWIDE

**#10**

OF 42 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$3,437,422**

Total Project Cost..... **\$3,437,422**

Project Benefit..... **3.8**

Project Benefit / Total Cost..... **11.1**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                      |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted               | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 1,070.9<br>persons                        | 10.5<br>person hrs.            | 3.9<br>EPDO                           | 157.3<br>EPDO / 100M VMT                 | 5.4<br>jobs per resident   | 5.3<br>jobs per resident                                 | 0.0<br>adjusted users                           | 0.0<br>thousand adj sq. ft.                                | 475,634.4<br>thousand adj daily tons | 0.0<br>adj. buffer time index          | 2,603.4<br>adjusted points       | 2.4<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 10.6                                      | 0.3                            | 1.2                                   | 0.8                                      | 0.2                        | 0.2                                                      | 0.0                                             | 0.0                                                        | 28.1                                 | 0.0                                    | 15.2                             | 4.7                                                      |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                  | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 5.4                                       |                                | 1.0                                   |                                          | 0.2                        |                                                          |                                                 | 5.6                                                        |                                      |                                        | 10.0                             |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 10%                                       |                                | 30%                                   |                                          | 15%                        |                                                          |                                                 | 35%                                                        |                                      |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.5                                       |                                | 0.3                                   |                                          | 0.0                        |                                                          |                                                 | 2.0                                                        |                                      |                                        | 1.0                              |                                                          |                                                      |
| Project Benefit                                                | 3.8                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                      |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$3,437,422                               |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                      |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 11.1                                      |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                      |                                        |                                  |                                                          |                                                      |

# PROJECT SCORECARD

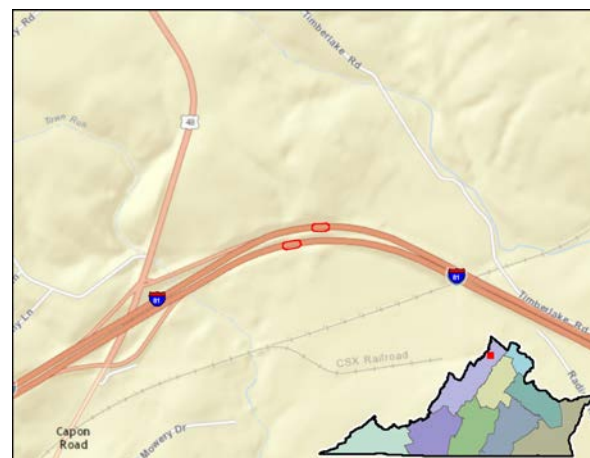
For more information on how to read a scorecard, click [here](#).

I-81 Exit 296 Accel/Decel Lane Extensions

App Id: 1656

This project proposes to extend the northbound acceleration and southbound deceleration lanes in conformance with 2011 AASHTO Guidelines, to safely accommodate growing truck volumes.

Project Location..... Shenandoah County  
SMART SCALE Area Type..... D  
Submitting Entity..... Northern Shenandoah Valley Regional Commission  
Preliminary Engineering..... Not Started  
Right of Way..... Not Needed  
Construction..... Not Started  
Expenditures to Date..... N/A  
Key Fund Sources..... N/A  
Administered By..... VDOT  
Eligible Funding Program(s)..... High Priority  
VTrans Need..... Win-Fred Regional Network  
( [Click for details](#) )



**72.2**

SMART SCALE  
SCORE

**#12**

OF 404 STATEWIDE

**#1**

OF 42 DISTRICTWIDE

SMART SCALE Requested Funds..... **\$997,481**

Total Project Cost..... **\$997,481**

Project Benefit..... **7.2**

Project Benefit / Total Cost..... **72.2**

| Factor                                                         | Congestion Mitigation                     |                                | Safety                                |                                          | Accessibility              |                                                          |                                                 | Economic Development                                       |                                        |                                        | Environment                      |                                                          | Land Use                                             |
|----------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------|----------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|----------------------------------------|----------------------------------------|----------------------------------|----------------------------------------------------------|------------------------------------------------------|
| Measure                                                        | Increase in Peak Period Person Throughput | Reduction in Peak Period Delay | Reduction in Fatal and Injury Crashes | Reduction in Fatal and Injury Crash Rate | Increase in Access to Jobs | Increase in Access to Jobs for Disadvantaged Populations | Increase in Access to Multimodal Travel Choices | Square Feet of Commercial/Industrial Development Supported | Tons of Goods Impacted                 | Improvement to Travel Time Reliability | Potential to Improve Air Quality | Other Factor Values Scaled by Potential Acreage Impacted | Support of Transportation-Efficient Land Development |
| Measure Value                                                  | 1,174.5<br>persons                        | 2.1<br>person hrs.             | 0.4<br>EPDO                           | 9.7<br>EPDO / 100M VMT                   | 0.8<br>jobs per resident   | 0.8<br>jobs per resident                                 | 0.0<br>adjusted users                           | 563,996.3<br>thousand adj sq. ft.                          | 1,174,671.3<br>thousand adj daily tons | 414,836.2<br>adj. buffer time index    | 2,411.1<br>adjusted points       | 6.3<br>scaled points                                     | adjusted jobs & pop.                                 |
| Normalized Measure Value (0-100)                               | 11.6                                      | 0.1                            | 0.1                                   | 0.1                                      | 0.0                        | 0.0                                                      | 0.0                                             | 2.0                                                        | 69.4                                   | 0.0                                    | 14.1                             | 12.2                                                     |                                                      |
| Measure Weight (% of Factor)                                   | 50%                                       | 50%                            | 50%                                   | 50%                                      | 60%                        | 20%                                                      | 20%                                             | 60%                                                        | 20%                                    | 20%                                    | 50%                              | 50%                                                      | N/A                                                  |
| Factor Value                                                   | 5.8                                       |                                | 0.1                                   |                                          | 0.0                        |                                                          |                                                 | 15.1                                                       |                                        |                                        | 13.1                             |                                                          | 0.0                                                  |
| Factor Weight (% of Project Score)                             | 10%                                       |                                | 30%                                   |                                          | 15%                        |                                                          |                                                 | 35%                                                        |                                        |                                        | 10%                              |                                                          | N/A                                                  |
| Weighted Factor Value                                          | 0.6                                       |                                | 0.0                                   |                                          | 0.0                        |                                                          |                                                 | 5.3                                                        |                                        |                                        | 1.3                              |                                                          |                                                      |
| Project Benefit                                                | 7.2                                       |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                        |                                        |                                  |                                                          |                                                      |
| SMART SCALE Cost                                               | \$997,481                                 |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                        |                                        |                                  |                                                          |                                                      |
| SMART SCALE Score (Project Benefit per \$10M SMART SCALE Cost) | 72.2                                      |                                |                                       |                                          |                            |                                                          |                                                 |                                                            |                                        |                                        |                                  |                                                          |                                                      |