SMART SCALE

Funding the Right Transportation Projects in Virginia

SMART SCALE Project Scores

Fiscal Year 2020 Cohort

prepared for

Commonwealth Transportation Board

date

January 15, 2019

BRISTOL DISTRICT

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

Project Id	Project Name	Organization	District Rank	State Rank	Page #
4086	Route 460 Corridor Improvements	Tazewell County	1	31	01-35
3802	US Route 11 / SR 660 Roundabout South	Smyth County	2	37	01-33
3736	Progress Park Connector	Wythe County	3	44	01-42
3836	Lee Highway and Euclid Avenue Roundabout	Bristol City	4	58	01-11
4029	Hillman Highway & Old Eleven Drive Intersection Improvements	Abingdon Town	5	85	01-02
4031	Russell Road & Poplar Street Intersection Improvements	Abingdon Town	6	105	01-03
5039	College Avenue Traffic Sginal Syncronization	Bluefield Town	7	116	01-09
4345	U.S. Route 58 at U.S. Route 11 Roundabout	Washington County	8	129	01-40
3704	SR 89 AT SR 613 Realignment	Grayson County	9	134	01-22
3617	US Route 52 Intersection Safety Enhancements	Bland County	10	139	01-07
4052	US 23 at Hilton Road	Scott County	11	141	01-32
3750	12th Street Road Diet	Wytheville Town	12	143	01-44
3997	US 58 Alt and US 23 NB Off-Ramp Modification	Norton City	13	157	01-27
3804	US Route 11 / SR 660 Roundabout North	Smyth County	14	165	01-34
4270	Wood Ave & Shawnee Ave Realignment	Big Stone Gap Town	15	176	01-04
4204	SR 83 at SR 637 Roundabout	Dickenson County	16	177	01-21
4533	Lee Highway 3B New	Bristol City	17	190	01-13
3834	Lee Highway Phase 3A	Bristol City	18	198	01-10
4187	US Route 19 Corridor Improvements	Washington County	19	203	01-37
3908	SR 83 Shoulder Improvements (Phase 2)	Buchanan County	20	210	01-16
3907	French Moore Boulevard Extension	Abingdon Town	21	222	01-01
4760	US 460 and US 19 Intersection Improvements	Tazewell County	22	238	01-36
3751	U.S. Route 11 at Chatham Hill Rd Turn Lane Improvement	Marion Town	23	253	01-26
3723	US 19 EB Horizontal Curve Improvements	Russell County	24	259	01-29
4307	U.S. Route 58/U.S. Route 11 a Maringo Rd	Washington County	25	278	01-38
3743	I-77 Exit 41 Ramp Modifications	Wytheville Town	26	304	01-43
4778	US58 at Tacoma Mountain Realignment	Wise County	27	312	01-41
4334	U.S. Route 11 Widening	Washington County	28	320	01-39
3837	Moore Street, Oakview Avenue and MLK Jr. Blvd Roundabout	Bristol City	29	321	01-12
3885	Lee Highway Widening Phase 3	Bristol Metropolitan Planning Organization	30	322	01-14
4191	US58Alt Between Mulberry St and River Bend Dr	Lee County	31	346	01-24
4048	US 23-58 at Kane Street	Scott County	32	349	01-31

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

Project Id	Project Name	Organization	District Rank	State Rank	Page #
4276	5th St & Clinton Ave Right Turn Lane	Big Stone Gap Town	33	362	01-05
3719	Coalfields Expressway Rte 121/460 Poplar Creek Phase B	Cumberland Plateau Planning District Commission	34	376	01-19
3729	Coalfields Expressway (Rte 121) - Doe Branch	Cumberland Plateau Planning District Commission	35	379	01-20
4344	5th St & Gilley Ave Roundabout	Big Stone Gap Town	36	390	01-06
4197	US421 at SR606	Lee County	37	393	01-25
4269	State Route 746 Extension to College Avenue	Bluefield Town	38	395	01-08
3740	SR 83 Shoulder Improvements (Phase 1)	Buchanan County	39	413	01-15
3775	Route 58 Climbing Lane	Scott County	40	422	01-30
3718	Route 80 Project 1	Russell County	41	427	01-28
3910	SR 83 Shoulder Improvements (Phase 4)	Buchanan County	42	428	01-18
4189	US58 and Curt Russel Road Realignment	Lee County	43	429	01-23
3909	SR 83 Shoulder Improvements (Phase 3)	Buchanan County	44	432	01-17

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

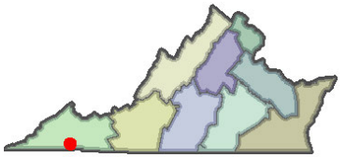
For more information on how to read a scorecard, click here.

French Moore Boulevard Extension

Project Id: 3907

The proposed project involves the construction of a 2-lane roadway on new alignment that extends French Moore Jr. Boulevard from its current terminus in the west to Stone Mill Road in the east for a distance of approximately 1,000 feet.

Submitting Entity: Abingdon Town
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: Regional Network
(click here for details)



1.8
SMART SCALE SCORE

#222 OF 433 STATEWIDE

#21 OF 44 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$19,951,226**
Total Project Cost.....	**$19,951,226**
Project Benefit.....	**3.7**
Project Benefit / Total Cost.....	**1.8**

SMART SCALE Area Type D

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	118.5 persons	48.6 person hrs.	0.0 EPDO	0.0 EPDO / 100M VMT	4.7 jobs per resident	5.2 jobs per resident	8.5 adjusted users	2,984,979.5 thousand adj sq. ft.	0.0 thousand adj daily tons	0.0 adj. buffer time index	5.1 adjusted points	2.8 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.4	0.8	0.0	0.0	0.1	0.1	0.0	15.2	0.0	0.0	0.0	8.4		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.6		0.0		0.1			9.1			4.2			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%		N/A	
Weighted Factor Value	0.1		0.0		0.0			3.2			0.4			
Project Benefit	3.7													
SMART SCALE Cost	$19,951,226													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.8**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

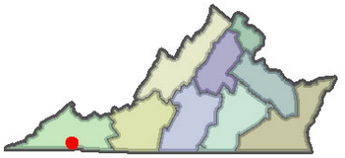
For more information on how to read a scorecard, click here.

Hillman Highway & Old Eleven Drive Intersection Improvements

Project Id: 4029

Improvements to existing skewed intersection to improve safety by creating a perpendicular intersection and improving sight distance.

Submitting Entity: Abingdon Town
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Safety
(click here for details)



5.4
SMART SCALE SCORE

#85 OF 433 STATEWIDE

#5 OF 44 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$668,000**
Total Project Cost.....	**$668,000**
Project Benefit.....	**0.4**
Project Benefit / Total Cost.....	**5.4**

SMART SCALE Area Type D

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	0.0 person hrs.	1.2 EPDO	785.7 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	17,138.2 thousand adj sq. ft.	0.0 thousand adj daily tons	50,705.2 adj. buffer time index	0.0 adjusted points	0.3 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	0.3	1.6	0.0	0.0	0.0	0.1	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	N/A
Factor Value	0.0		1.0		0.0			0.1			0.4			
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	$668,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**5.4**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT · DRPT · Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

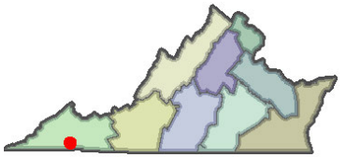
For more information on how to read a scorecard, click here.

Russell Road & Poplar Street Intersection Improvements

Project Id: 4031

Removal of two severely skewed highway intersections with one 90 degree intersection. The new intersection will greatly increase the safety with the improved sight distance.

Submitting Entity: Abingdon Town
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: CoSS
(click here for details)



4.4 SMART SCALE SCORE	**#105** OF 433 STATEWIDE	SMART SCALE Requested Funds.....	**$765,000**
	#6 OF 44 DISTRICTWIDE	Total Project Cost.....	**$765,000**
		Project Benefit.....	**0.3**
		Project Benefit / Total Cost.....	**4.4**

SMART SCALE Area Type D

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	0.0 person hrs.	3.0 EPDO	387.0 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	44,157.0 thousand adj sq. ft.	0.0 thousand adj daily tons	0.0 adj. buffer time index	0.0 adjusted points	0.3 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	0.9	0.8	0.0	0.0	0.0	0.2	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	N/A
Factor Value	0.0		0.8		0.0			0.1			0.4			
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	0.3													
SMART SCALE Cost	$765,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**4.4**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

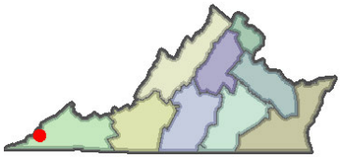
For more information on how to read a scorecard, click here.

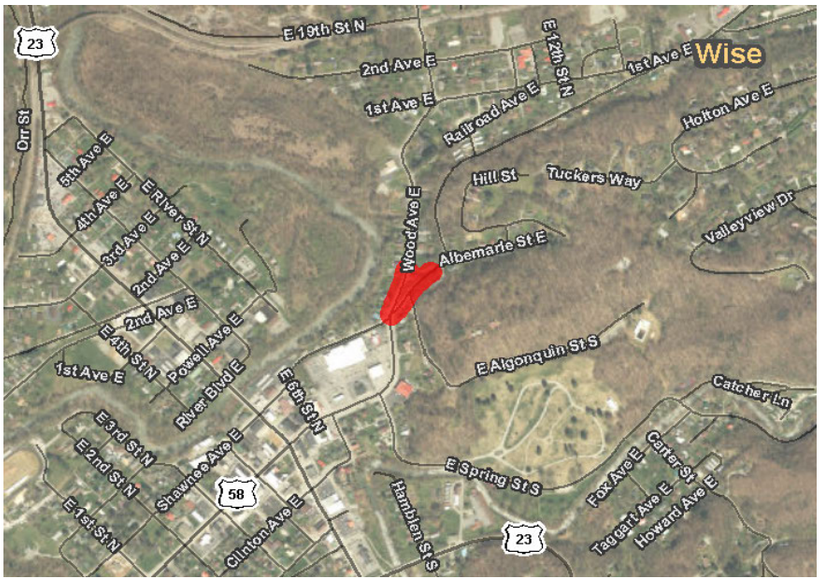
Wood Ave & Shawnee Ave Realignment

Project Id: 4270

The proposed project will realign Shawnee Avenue to eliminate the existing skewed intersection with Wood Ave.

Submitting Entity: Big Stone Gap Town
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Safety
(click here for details)





2.4
SMART SCALE SCORE

#176 OF 433 STATEWIDE

#15 OF 44 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$1,785,310**
Total Project Cost.....	**$1,785,310**
Project Benefit.....	**0.4**
Project Benefit / Total Cost.....	**2.4**

SMART SCALE Area Type D

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	0.0 person hrs.	2.4 EPDO	894.1 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	0.0 thousand adj sq. ft.	0.0 thousand adj daily tons	0.0 adj. buffer time index	0.0 adjusted points	0.3 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	0.7	1.8	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	N/A
Factor Value	0.0		1.3		0.0			0.0			0.5			
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	$1,785,310													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**2.4**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

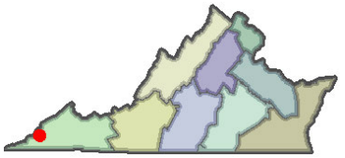
For more information on how to read a scorecard, click here.

5th St & Clinton Ave Right Turn Lane

Project Id: 4276

The proposed project includes the addition of a southbound right turn lane with 100 feet of storage and 100 foot taper on E 5th St (U.S. Route 23 Business) at Clinton Ave.

Submitting Entity: Big Stone Gap Town
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Safety
(click here for details)



0.5 SMART SCALE SCORE	#362 OF 433 STATEWIDE	SMART SCALE Requested Funds..... **$464,808**
	#33 OF 44 DISTRICTWIDE	Total Project Cost..... **$464,808**
		Project Benefit..... **0.0**
		Project Benefit / Total Cost..... **0.5**

SMART SCALE Area Type D

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	0.0 person hrs.	0.2 EPDO	39.4 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	0.0 thousand adj sq. ft.	0.0 thousand adj daily tons	137,217.9 adj. buffer time index	0.0 adjusted points	0.0 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	0.0	0.1	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	N/A
Factor Value	0.0		0.1		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	$464,808													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.5**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT · DRPT · Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

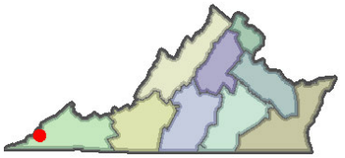
For more information on how to read a scorecard, click here.

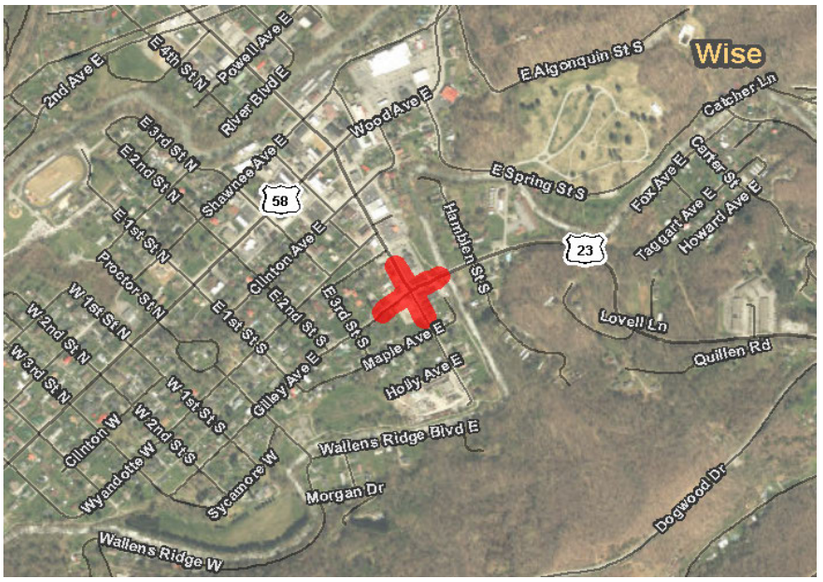
5th St & Gilley Ave Roundabout

Project Id: 4344

The proposed project involves constructing a single lane roundabout with an inscribed diameter of 90 feet at the intersection of Gilley Ave (U.S. Route 23 Business/U.S. Route 58 Alt) at 5th St.

Submitting Entity: Big Stone Gap Town
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: CoSS
(click here for details)





0.2 SMART SCALE SCORE		
	#390 OF 433 STATEWIDE	SMART SCALE Requested Funds..... **$5,126,997**
	#36 OF 44 DISTRICTWIDE	Total Project Cost..... **$5,126,997**
		Project Benefit..... **0.1**
		Project Benefit / Total Cost..... **0.2**

SMART SCALE Area Type D

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	0.6 person hrs.	1.2 EPDO	152.4 EPDO / 100M VMT	0.7 jobs per resident	0.7 jobs per resident	0.0 adjusted users	5,008.9 thousand adj sq. ft.	0.0 thousand adj daily tons	314,952.4 adj. buffer time index	0.0 adjusted points	0.1 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	0.3	0.3	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	N/A
Factor Value	0.0		0.3		0.0			0.0			0.1			
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	$5,126,997													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.2**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

US Route 52 Intersection Safety Enhancements

Project Id: 3617

US Route 52 Intersection Safety Enhancements

Submitting Entity: Bland County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: CoSS
(click here for details)

3.4
SMART SCALE SCORE

#139 OF 433 STATEWIDE

#10 OF 44 DISTRICTWIDE

SMART SCALE Requested Funds..... **$4,491,045**
Total Project Cost..... **$4,491,045**
Project Benefit..... **1.5**
Project Benefit / Total Cost..... **3.4**

SMART SCALE Area Type D														
Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	1.8 persons	0.0 person hrs.	0.0 EPDO	0.0 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	2.7 adjusted users	1,288,983.0 thousand adj sq. ft.	0.0 thousand adj daily tons	78,743.3 adj. buffer time index	3.6 adjusted points	1.1 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.6	0.0	0.0	0.0	3.4		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.0		0.0		0.0			3.9			1.7			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%		N/A	
Weighted Factor Value	0.0		0.0		0.0			1.4			0.2			
Project Benefit	1.5													
SMART SCALE Cost	$4,491,045													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**3.4**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

State Route 746 Extension to College Avenue

Project Id: 4269

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.

Submitting Entity: Bluefield Town
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Safety
(click here for details)

0.2
SMART SCALE SCORE

#395 OF 433 STATEWIDE

#38 OF 44 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$4,965,117**
Total Project Cost.....	**$4,965,117**
Project Benefit.....	**0.1**
Project Benefit / Total Cost.....	**0.2**

SMART SCALE Area Type D

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	0.0 person hrs.	0.0 EPDO	0.0 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	85,361.7 thousand adj sq. ft.	573.1 thousand adj daily tons	76,749.0 adj. buffer time index	0.0 adjusted points	0.1 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	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	N/A
Factor Value	0.0		0.0		0.0			0.3			0.1			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%		N/A	
Weighted Factor Value	0.0		0.0		0.0			0.1			0.0			
Project Benefit	0.1													
SMART SCALE Cost	$4,965,117													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.2**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

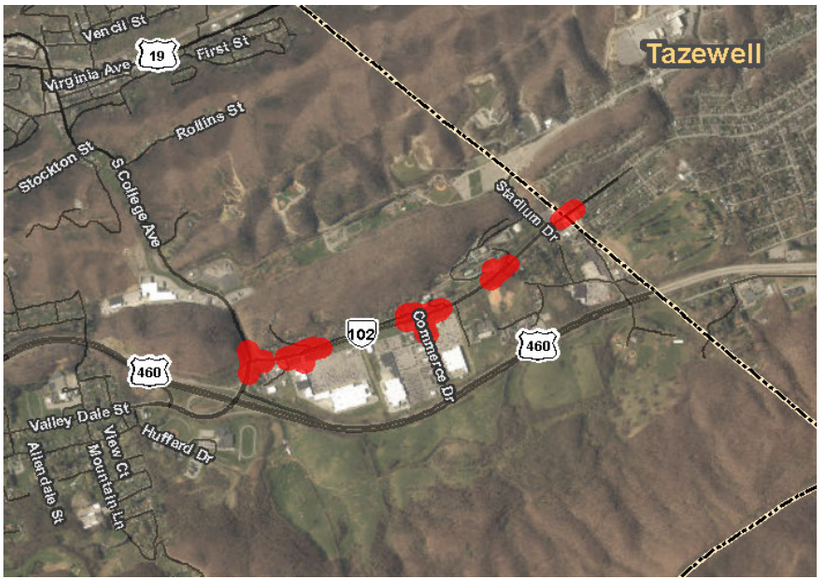
For more information on how to read a scorecard, click here.

College Avenue Traffic Sginal Syncronization

Project Id: 5039

This proposed project will improve College Avenue in the town of Bluefield by providing signal system upgrades at four (4) existing signalized intersections and one proposed signalized intersection.

Submitting Entity: Bluefield Town
Preliminary Engineering: Not Started
Right of Way: Not Needed
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Safety
(click here for details)



4.1
SMART SCALE SCORE

#116 OF 433 STATEWIDE

#7 OF 44 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$859,000**
Total Project Cost.....	**$859,000**
Project Benefit.....	**0.4**
Project Benefit / Total Cost.....	**4.1**

SMART SCALE Area Type D

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	0.0 person hrs.	4.9 EPDO	211.1 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	27,864.6 thousand adj sq. ft.	0.0 thousand adj daily tons	1,259,695.5 adj. buffer time index	0.0 adjusted points	0.3 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	1.4	0.4	0.0	0.0	0.0	0.1	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	N/A
Factor Value	0.0		0.9		0.0			0.1			0.4			
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	$859,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**4.1**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

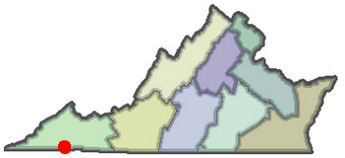
For more information on how to read a scorecard, click here.

Lee Highway Phase 3A

Project Id: 3834

Widen Lee Highway to four lanes with a grass median and a 10' shared use path from 300' west of Old Airport Rd to 380' west of the Walmart entrance.

Submitting Entity: Bristol City
Preliminary Engineering: Underway
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: CoSS
(click here for details)



2.2
SMART SCALE SCORE

#198 OF 433 STATEWIDE

#18 OF 44 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$5,827,000**
Total Project Cost.....	**$5,827,000**
Project Benefit.....	**1.3**
Project Benefit / Total Cost.....	**2.2**

SMART SCALE Area Type D

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	16.7 persons	1.1 person hrs.	8.0 EPDO	475.4 EPDO / 100M VMT	5.2 jobs per resident	2.1 jobs per resident	50.0 adjusted users	510,647.4 thousand adj sq. ft.	5,195.2 thousand adj daily tons	9,697,228.2 adj. buffer time index	66.7 adjusted points	1.0 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.1	0.0	2.3	1.0	0.1	0.0	0.2	2.6	0.1	0.2	0.5	3.1		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.0		1.6		0.1			1.6			1.8			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%		N/A	
Weighted Factor Value	0.0		0.5		0.0			0.6			0.2			
Project Benefit	1.3													
SMART SCALE Cost	$5,827,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**2.2**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

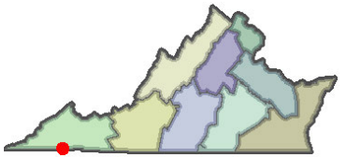
For more information on how to read a scorecard, click here.

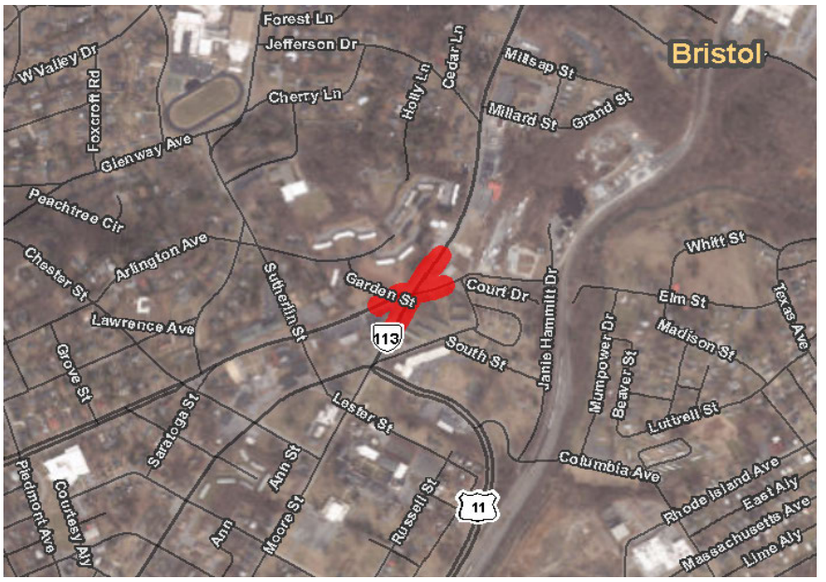
Lee Highway and Euclid Avenue Roundabout

Project Id: 3836

This project will convert an existing intersection into a roundabout.

Submitting Entity: Bristol City
Preliminary Engineering: Underway
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: CoSS
(click here for details)





7.4 SMART SCALE SCORE			
	#58	OF 433 STATEWIDE	
	#4	OF 44 DISTRICTWIDE	

SMART SCALE Requested Funds.....	**$2,825,000**
Total Project Cost.....	**$2,825,000**
Project Benefit.....	**2.1**
Project Benefit / Total Cost.....	**7.4**

SMART SCALE Area Type D

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	13.3 persons	6.5 person hrs.	16.8 EPDO	3,553.5 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	19.9 adjusted users	0.0 thousand adj sq. ft.	0.0 thousand adj daily tons	368,766.8 adj. buffer time index	26.6 adjusted points	1.7 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.1	4.8	7.3	0.0	0.0	0.1	0.0	0.0	0.0	0.2	5.2		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.1		6.1		0.0			0.0			2.7			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%		N/A	
Weighted Factor Value	0.0		1.8		0.0			0.0			0.3			
Project Benefit	2.1													
SMART SCALE Cost	$2,825,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**7.4**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

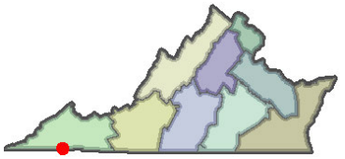
For more information on how to read a scorecard, click here.

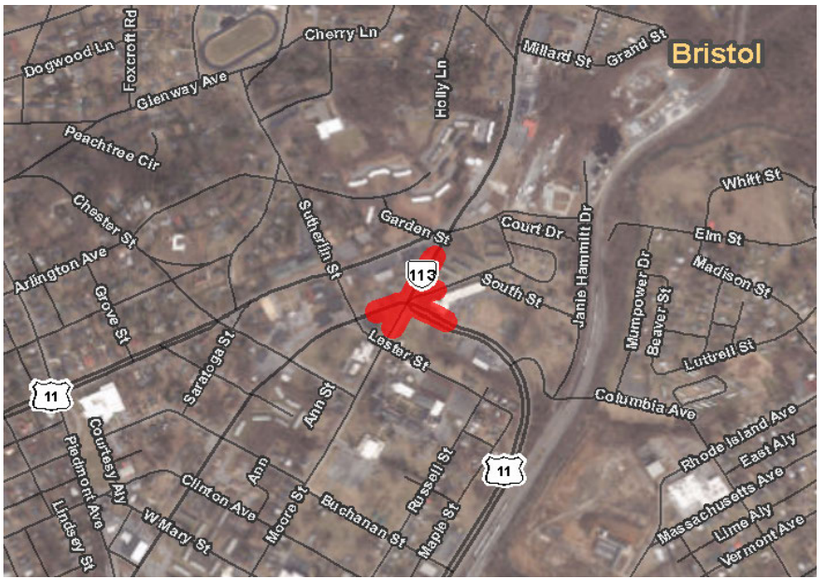
Moore Street, Oakview Avenue and MLK Jr. Blvd Roundabout

Project Id: 3837

The proposed project will convert a signalized intersection into a roundabout.

Submitting Entity: Bristol City
Preliminary Engineering: Underway
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: CoSS
(click here for details)





0.7
SMART SCALE SCORE

#321 OF 433 STATEWIDE

#29 OF 44 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$2,609,000**
Total Project Cost.....	**$2,609,000**
Project Benefit.....	**0.2**
Project Benefit / Total Cost.....	**0.7**

SMART SCALE Area Type D

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	11.5 persons	0.0 person hrs.	1.2 EPDO	295.7 EPDO / 100M VMT	0.1 jobs per resident	0.1 jobs per resident	17.2 adjusted users	4,738.9 thousand adj sq. ft.	3,052.7 thousand adj daily tons	120,132.0 adj. buffer time index	23.0 adjusted points	0.1 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	0.3	0.6	0.0	0.0	0.1	0.0	0.1	0.0	0.2	0.4		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.0		0.5		0.0			0.0			0.3			
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	0.2													
SMART SCALE Cost	$2,609,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.7**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

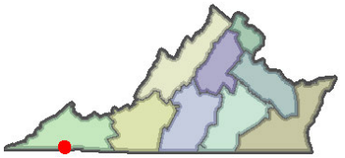
For more information on how to read a scorecard, click here.

Lee Highway 3B New

Project Id: 4533

Widen Lee Highway to four lanes with a grass median and a 10' shared use path from 380' west of the Walmart entrance to Alexis Drive.

Submitting Entity: Bristol City
Preliminary Engineering: Underway
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: CoSS
(click here for details)



2.2
SMART SCALE SCORE

#190 OF 433 STATEWIDE

#17 OF 44 DISTRICTWIDE

SMART SCALE Requested Funds..... **$7,732,000**
Total Project Cost..... **$7,732,000**
Project Benefit..... **1.7**
Project Benefit / Total Cost..... **2.2**

SMART SCALE Area Type D															
Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	15.1 persons	1.7 person hrs.	14.2 EPDO	620.9 EPDO / 100M VMT	7.1 jobs per resident	4.9 jobs per resident	45.4 adjusted users	604,480.3 thousand adj sq. ft.	4,139.4 thousand adj daily tons	13,819,092.0 adj. buffer time index	60.5 adjusted points	1.4 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.1	0.0	4.1	1.3	0.1	0.1	0.2	3.1	0.1	0.3	0.4	4.3		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.0		2.7		0.1			1.9			2.4			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%		N/A	
Weighted Factor Value	0.0		0.8		0.0			0.7			0.2			
Project Benefit	1.7													
SMART SCALE Cost	$7,732,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**2.2**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

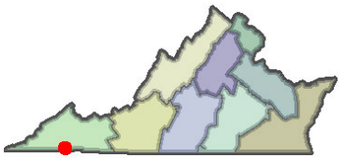
For more information on how to read a scorecard, click here.

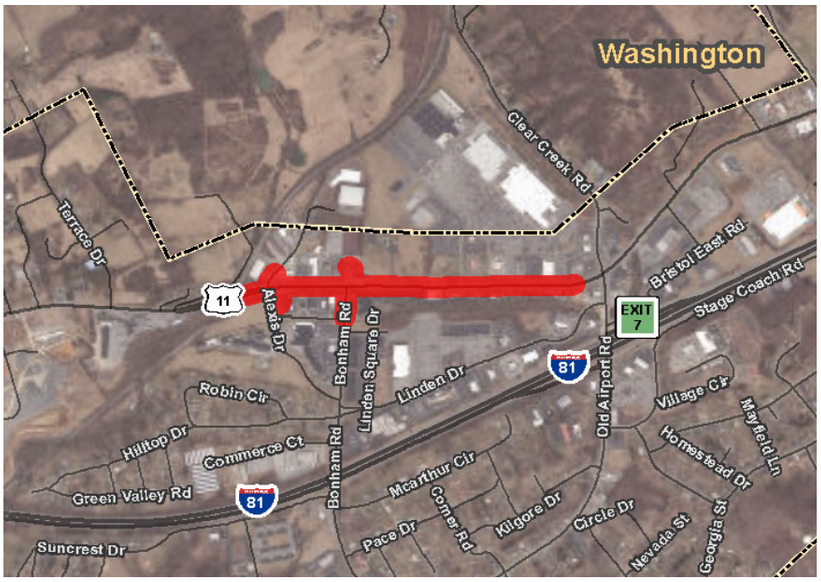
Lee Highway Widening Phase 3

Project Id: 3885

Bristol is proposing to widen Lee Highway at Alexis Drive and ending 380' west of Old Airport Road. The project will connect to an under construction Smart Scale project to the west and an approved but not started Smart Scale project east.

Submitting Entity: Bristol Metropolitan Planning Organization
Preliminary Engineering: Underway
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Statewide High Priority
VTRANS Need: CoSS
(click here for details)





0.7
SMART SCALE SCORE

#322 OF 433 STATEWIDE

#30 OF 44 DISTRICTWIDE

SMART SCALE Requested Funds..... **$13,559,000**
Total Project Cost..... **$13,559,000**
Project Benefit..... **1.0**
Project Benefit / Total Cost..... **0.7**

SMART SCALE Area Type D

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	15.1 persons	2.6 person hrs.	3.6 EPDO	0.0 EPDO / 100M VMT	4.9 jobs per resident	4.4 jobs per resident	45.4 adjusted users	597,540.4 thousand adj sq. ft.	12,924.9 thousand adj daily tons	0.0 adj. buffer time index	60.5 adjusted points	0.8 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.1	0.0	1.0	0.0	0.1	0.1	0.2	3.0	0.3	0.0	0.4	2.4		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.0		0.5		0.1			1.9			1.4			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%		N/A	
Weighted Factor Value	0.0		0.2		0.0			0.7			0.1			
Project Benefit	1.0													
SMART SCALE Cost	$13,559,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.7**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

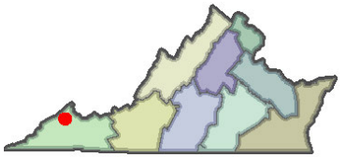
For more information on how to read a scorecard, click here.

SR 83 Shoulder Improvements (Phase 1)

Project Id: 3740

The proposed project will widen a section of State Route 83 as part of a phased approach (Phase 1) to accommodate 11-foot travel lanes and 6-foot shoulders for each direction.

Submitting Entity: Buchanan County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Safety
(click here for details)



0.1
SMART SCALE SCORE

#413 OF 433 STATEWIDE

#39 OF 44 DISTRICTWIDE

SMART SCALE Requested Funds..... **$9,975,469**
Total Project Cost..... **$9,975,469**
Project Benefit..... **0.1**
Project Benefit / Total Cost..... **0.1**

SMART SCALE Area Type D

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	0.1 person hrs.	1.4 EPDO	218.7 EPDO / 100M VMT	0.1 jobs per resident	0.1 jobs per resident	0.0 adjusted users	0.0 thousand adj sq. ft.	0.0 thousand adj daily tons	179,259.9 adj. buffer time index	0.0 adjusted points	0.1 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	0.4	0.5	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	N/A
Factor Value	0.0		0.4		0.0			0.0			0.1			
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	$9,975,469													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.1**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

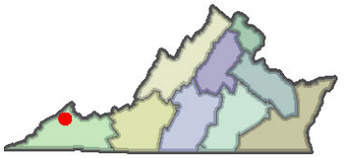
For more information on how to read a scorecard, click here.

SR 83 Shoulder Improvements (Phase 2)

Project Id: 3908

The proposed project will widen a section of State Route 83 as part of a phased approach (Phase 2) to accommodate 11-foot travel lanes and 6-foot shoulders for each direction.

Submitting Entity: Buchanan County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Safety
(click here for details)



1.9
SMART SCALE SCORE

#210 OF 433 STATEWIDE

#20 OF 44 DISTRICTWIDE

SMART SCALE Requested Funds..... **$7,969,922**
Total Project Cost..... **$7,969,922**
Project Benefit..... **1.6**
Project Benefit / Total Cost..... **1.9**

SMART SCALE Area Type D														
Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	0.1 person hrs.	11.9 EPDO	2,862.3 EPDO / 100M VMT	0.0 jobs per resident	0.1 jobs per resident	0.0 adjusted users	0.0 thousand adj sq. ft.	0.0 thousand adj daily tons	0.0 adj. buffer time index	0.0 adjusted points	1.0 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	3.4	5.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.0		4.7		0.0			0.0			1.5			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%		N/A	
Weighted Factor Value	0.0		1.4		0.0			0.0			0.2			
Project Benefit	1.6													
SMART SCALE Cost	$7,969,922													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.9**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

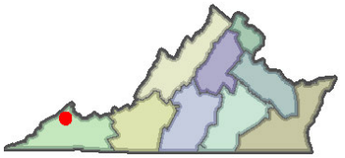
For more information on how to read a scorecard, click here.

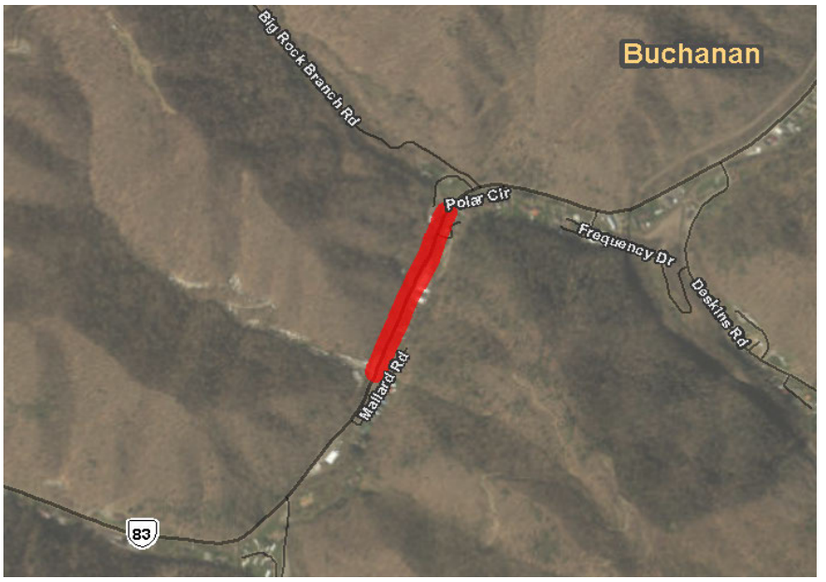
SR 83 Shoulder Improvements (Phase 3)

Project Id: 3909

The proposed project will widen a section of State Route 83 as part of a phased approach (Phase 3) to accommodate 11-foot travel lanes and 6-foot shoulders for each direction.

Submitting Entity: Buchanan County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Safety
(click here for details)





0.0
SMART SCALE SCORE

#432 OF 433 STATEWIDE

#44 OF 44 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$7,785,289**
Total Project Cost.....	**$7,785,289**
Project Benefit.....	**0.0**
Project Benefit / Total Cost.....	**0.0**

SMART SCALE Area Type D

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	0.0 person hrs.	0.0 EPDO	0.0 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	0.0 thousand adj sq. ft.	0.0 thousand adj daily tons	0.0 adj. buffer time index	0.0 adjusted points	0.0 scaled points	access * pop/emp density.h	access * pop/emp density change.
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	N/A
Factor Value	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	$7,785,289													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.0**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

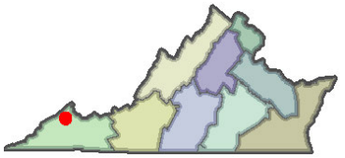
For more information on how to read a scorecard, click here.

SR 83 Shoulder Improvements (Phase 4)

Project Id: 3910

The proposed project will widen a section of State Route 83 as part of a phased approach (Phase4) to accommodate 11-foot travel lanes and 6-foot shoulders for each direction.

Submitting Entity: Buchanan County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Safety
(click here for details)



0.0
SMART SCALE SCORE

#428 OF 433 STATEWIDE

#42 OF 44 DISTRICTWIDE

SMART SCALE Requested Funds..... **$7,978,158**
Total Project Cost..... **$7,978,158**
Project Benefit..... **0.0**
Project Benefit / Total Cost..... **0.0**

SMART SCALE Area Type D

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	0.1 person hrs.	0.0 EPDO	0.0 EPDO / 100M VMT	0.1 jobs per resident	0.1 jobs per resident	0.0 adjusted users	0.0 thousand adj sq. ft.	0.0 thousand adj daily tons	0.0 adj. buffer time index	0.0 adjusted points	0.0 scaled points	access * pop/emp density.h	access * pop/emp density change.
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	N/A
Factor Value	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	$7,978,158													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.0**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

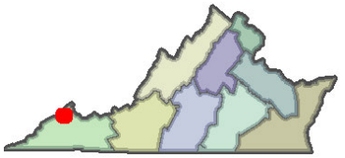
For more information on how to read a scorecard, click here.

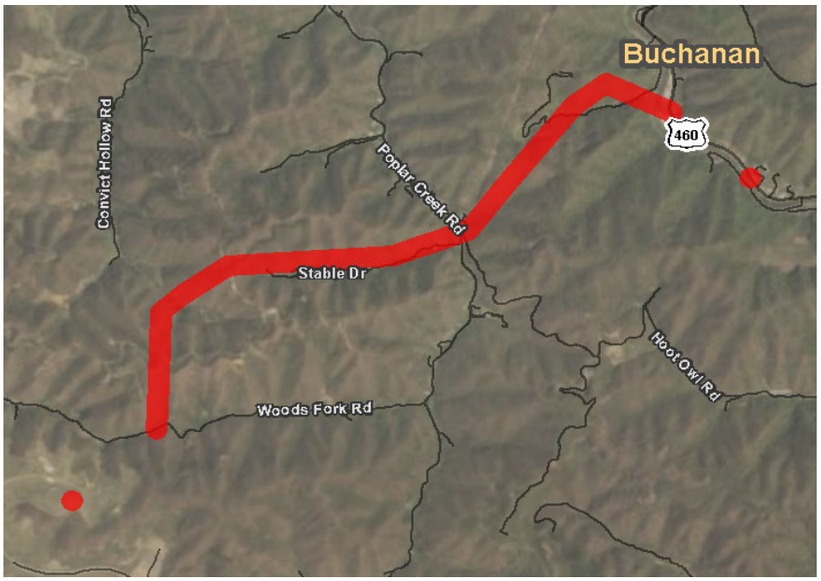
Coalfields Expressway Rte 121/460 Poplar Creek Phase B

Project Id: 3719

Design and construction for the Popular Creek Phase B of the US 460 portion of Corridor Q. The Poplar Creek Phase B project will complete Corridor Q in the Commonwealth.

Submitting Entity:	Cumberland Plateau Planning District Commission
Preliminary Engineering:	Underway
Right of Way:	Not Started
Construction:	Not Started
Eligible Fund Program:	Statewide High Priority
VTRANS Need:	CoSS (click here for details)





0.3
SMART SCALE SCORE

#376 OF 433 STATEWIDE

#34 OF 44 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$275,072,341**
Total Project Cost.....	**$275,072,341**
Project Benefit.....	**9.2**
Project Benefit / Total Cost.....	**0.3**

SMART SCALE Area Type D

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	95.9 persons	34.9 person hrs.	0.0 EPDO	0.0 EPDO / 100M VMT	2.5 jobs per resident	4.2 jobs per resident	48.0 adjusted users	7,508,485.0 thousand adj sq. ft.	0.0 thousand adj daily tons	10,347,347.9 adj. buffer time index	243.0 adjusted points	6.5 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.3	0.5	0.0	0.0	0.0	0.1	0.2	38.2	0.0	0.2	1.7	19.7		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.4		0.0		0.1			23.0			10.7			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%		N/A	
Weighted Factor Value	0.0		0.0		0.0			8.0			1.1			
Project Benefit	9.2													
SMART SCALE Cost	$275,072,341													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.3**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

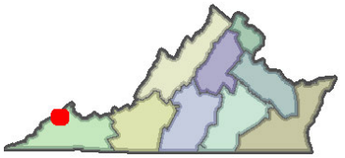
For more information on how to read a scorecard, click here.

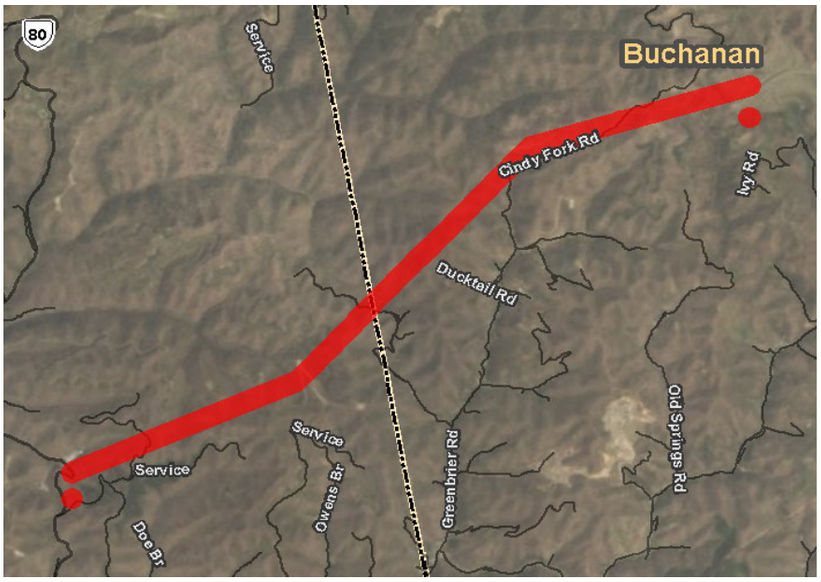
Coalfields Expressway (Rte 121) - Doe Branch

Project Id: 3729

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

Submitting Entity:	Cumberland Plateau Planning District Commission
Preliminary Engineering:	Underway
Right of Way:	Not Started
Construction:	Not Started
Eligible Fund Program:	Statewide High Priority
VTRANS Need:	CoSS (click here for details)





0.3
SMART SCALE SCORE

#379 OF 433 STATEWIDE

#35 OF 44 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$261,341,284**
Total Project Cost.....	**$261,341,284**
Project Benefit.....	**8.3**
Project Benefit / Total Cost.....	**0.3**

SMART SCALE Area Type D

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	21.2 persons	3.8 person hrs.	0.0 EPDO	0.0 EPDO / 100M VMT	8.6 jobs per resident	6.3 jobs per resident	48.0 adjusted users	7,697,145.0 thousand adj sq. ft.	0.0 thousand adj daily tons	5,420,077.6 adj. buffer time index	115.0 adjusted points	0.0 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.1	0.1	0.0	0.0	0.2	0.1	0.2	39.2	0.0	0.1	0.8	0.0		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.1		0.0		0.1			23.5			0.4			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%		N/A	
Weighted Factor Value	0.0		0.0		0.0			8.2			0.0			
Project Benefit	8.3													
SMART SCALE Cost	$261,341,284													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.3**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

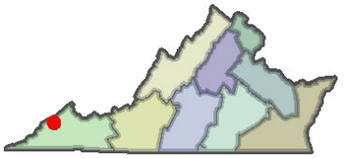
For more information on how to read a scorecard, click here.

SR 83 at SR 637 Roundabout

Project Id: 4204

The proposed project involves constructing a single lane roundabout at the intersection of SR 83 at SR 637.

Submitting Entity: Dickenson County
Preliminary Engineering: Not Started
Right of Way: Not Needed
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Safety
(click here for details)



2.4
SMART SCALE SCORE

#177 OF 433 STATEWIDE

#16 OF 44 DISTRICTWIDE

SMART SCALE Requested Funds..... **$4,026,000**
Total Project Cost..... **$4,026,000**
Project Benefit..... **1.0**
Project Benefit / Total Cost..... **2.4**

SMART SCALE Area Type D														
Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	6.0 persons	3.4 person hrs.	19.2 EPDO	28.9 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	24.0 adjusted users	18,482.3 thousand adj sq. ft.	0.0 thousand adj daily tons	257,126.6 adj. buffer time index	12.0 adjusted points	0.6 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.1	5.5	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.1	1.9		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.0		2.8		0.0			0.1			1.0			
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	1.0													
SMART SCALE Cost	$4,026,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**2.4**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

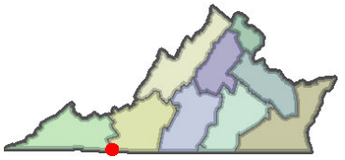
For more information on how to read a scorecard, click here.

SR 89 AT SR 613 Realignment

Project Id: 3704

The proposed project will improve the intersection of State Route 613 at State Route 89 by realigning the westbound approach of Snow Hill Rd (State Route 613) and adding left-turn lanes on State Route 89.

Submitting Entity: Grayson County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Safety
(click here for details)



3.6
SMART SCALE SCORE

#134 OF 433 STATEWIDE

#9 OF 44 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$4,068,990**
Total Project Cost.....	**$4,068,990**
Project Benefit.....	**1.5**
Project Benefit / Total Cost.....	**3.6**

SMART SCALE Area Type D

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	0.0 person hrs.	6.8 EPDO	3,386.4 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	0.0 thousand adj sq. ft.	0.0 thousand adj daily tons	96,384.2 adj. buffer time index	0.0 adjusted points	0.8 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	2.0	7.0	0.0	0.0	0.0	0.0	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	N/A
Factor Value	0.0		4.5		0.0			0.0			1.2			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%		N/A	
Weighted Factor Value	0.0		1.3		0.0			0.0			0.1			
Project Benefit	1.5													
SMART SCALE Cost	$4,068,990													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**3.6**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

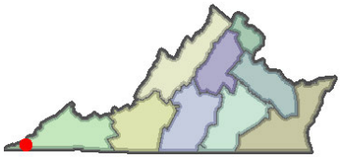
For more information on how to read a scorecard, click here.

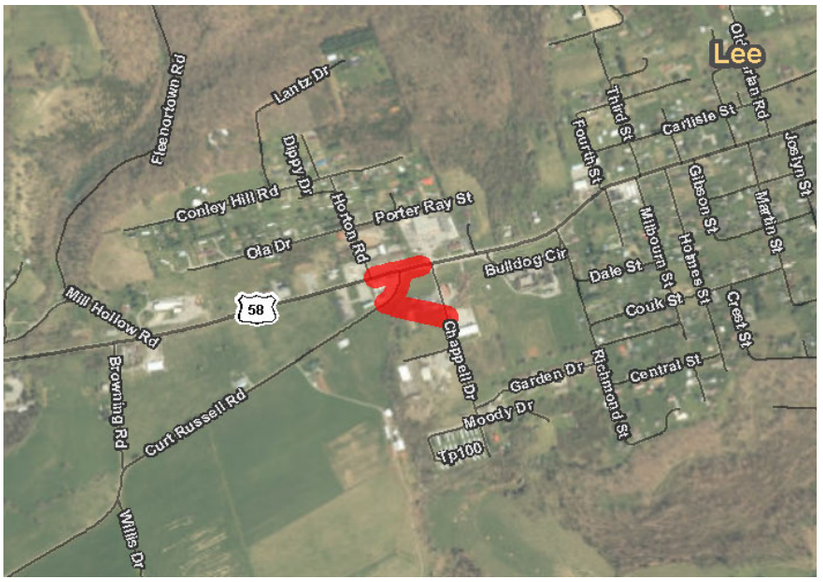
US58 and Curt Russel Road Realignment

Project Id: 4189

The proposed project will remove an intersection on U.S. Route 58 due to its proximity to the signalized intersection at Chappell Rd by realigning Curt Russell Rd so it intersects with Chappell Rd approximately 400 feet to the south of U.S. Route 58.

Submitting Entity: Lee County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Safety
(click here for details)





0.0
SMART SCALE SCORE

#429 OF 433 STATEWIDE

#43 OF 44 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$4,144,478**
Total Project Cost.....	**$4,144,478**
Project Benefit.....	**0.0**
Project Benefit / Total Cost.....	**0.0**

SMART SCALE Area Type D

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	0.1 person hrs.	0.0 EPDO	0.0 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	0.0 thousand adj sq. ft.	0.0 thousand adj daily tons	0.0 adj. buffer time index	0.0 adjusted points	0.0 scaled points	access * pop/emp density.h	access * pop/emp density change.
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	N/A
Factor Value	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	$4,144,478													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.0**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

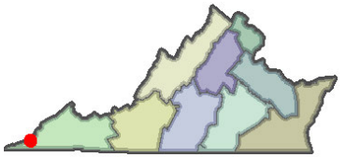
For more information on how to read a scorecard, click here.

US58Alt Between Mulberry St and River Bend Dr

Project Id: 4191

The proposed project is for the widening of U.S. Route 58 for approximately 1,200 feet to accommodate a continuous westbound right-turn lane between Mulberry St and Bobcat Circle.

Submitting Entity: Lee County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Safety
(click here for details)



0.6
SMART SCALE SCORE

#346 OF 433 STATEWIDE

#31 OF 44 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$2,297,545**
Total Project Cost.....	**$2,297,545**
Project Benefit.....	**0.1**
Project Benefit / Total Cost.....	**0.6**

SMART SCALE Area Type D

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	0.0 person hrs.	1.2 EPDO	224.2 EPDO / 100M VMT	0.3 jobs per resident	0.3 jobs per resident	0.0 adjusted users	0.0 thousand adj sq. ft.	0.0 thousand adj daily tons	792,158.2 adj. buffer time index	0.0 adjusted points	0.1 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	0.3	0.5	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	N/A
Factor Value	0.0		0.4		0.0			0.0			0.2			
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	$2,297,545													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.6**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

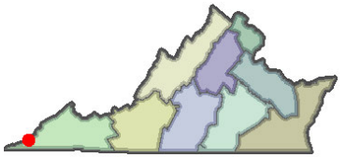
For more information on how to read a scorecard, click here.

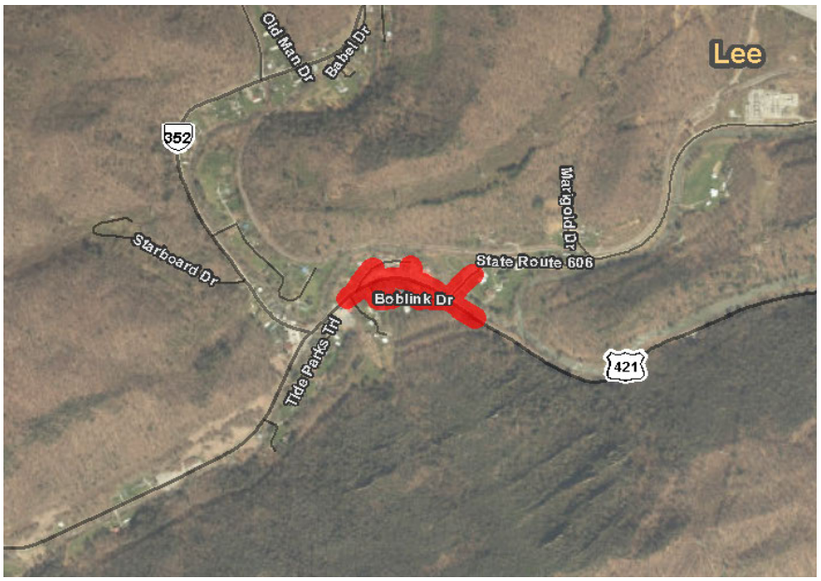
US421 at SR606

Project Id: 4197

The proposed U.S. 421 at SR 606 intersection improvement project consists of "daylighting" the curve along southbound U.S. 421 in the immediate vicinity of the SR 606 intersection and constructing a southbound left-turn lane at U.S. 421 at SR 606.

Submitting Entity: Lee County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Safety
(click here for details)





0.2
SMART SCALE SCORE

#393 OF 433 STATEWIDE

#37 OF 44 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$3,981,770**
Total Project Cost.....	**$3,981,770**
Project Benefit.....	**0.1**
Project Benefit / Total Cost.....	**0.2**

SMART SCALE Area Type D

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	0.0 person hrs.	0.6 EPDO	173.7 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	0.0 thousand adj sq. ft.	0.0 thousand adj daily tons	89,821.3 adj. buffer time index	0.0 adjusted points	0.1 scaled points	access * pop/emp density.h	access * pop/emp density change.
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	N/A
Factor Value	0.0		0.3		0.0			0.0			0.1			
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	$3,981,770													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.2**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

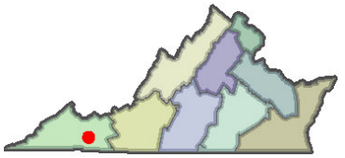
For more information on how to read a scorecard, click here.

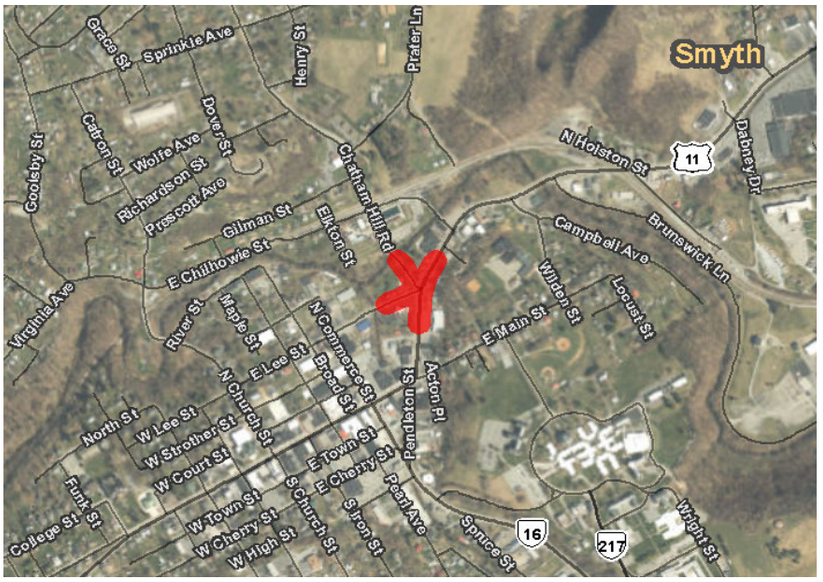
U.S. Route 11 at Chatham Hill Rd Turn Lane Improvement

Project Id: 3751

The proposed project includes the addition of a southbound, channelized right turn lane with 150 feet of storage and 150 foot taper on U.S. Route 11 at Chatham Hill Rd.

Submitting Entity: Marion Town
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: CoSS
(click here for details)





1.4 SMART SCALE SCORE		
	#253 OF 433 STATEWIDE	SMART SCALE Requested Funds..... **$2,196,630**
	#23 OF 44 DISTRICTWIDE	Total Project Cost..... **$2,196,630**
		Project Benefit..... **0.3**
		Project Benefit / Total Cost..... **1.4**

SMART SCALE Area Type D

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	0.3 person hrs.	2.9 EPDO	393.4 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	19,468.8 thousand adj sq. ft.	68.7 thousand adj daily tons	1,260,496.0 adj. buffer time index	0.0 adjusted points	0.2 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	0.8	0.8	0.0	0.0	0.0	0.1	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	N/A
Factor Value	0.0		0.8		0.0			0.1			0.3			
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	0.3													
SMART SCALE Cost	$2,196,630													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.4**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT · DRPT · Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

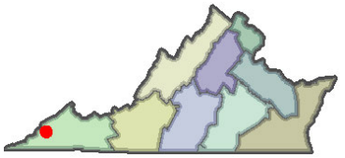
For more information on how to read a scorecard, click here.

US 58 Alt and US 23 NB Off-Ramp Modification

Project Id: 3997

The proposed project removes and relocates a free-flow, channelized right-turn lane from the U.S. Route 23 northbound off-ramp with U.S. Route 58 Alt.

Submitting Entity: Norton City
Preliminary Engineering: Not Started
Right of Way: Not Needed
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Safety
(click here for details)



2.8
SMART SCALE SCORE

#157 OF 433 STATEWIDE

#13 OF 44 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$1,276,000**
Total Project Cost.....	**$1,276,000**
Project Benefit.....	**0.4**
Project Benefit / Total Cost.....	**2.8**

SMART SCALE Area Type D

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	0.0 person hrs.	4.0 EPDO	438.1 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	0.0 thousand adj sq. ft.	0.0 thousand adj daily tons	3,560,669.6 adj. buffer time index	0.0 adjusted points	0.3 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	1.1	0.9	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.9		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.0		1.0		0.0			0.0			0.4			
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	$1,276,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**2.8**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

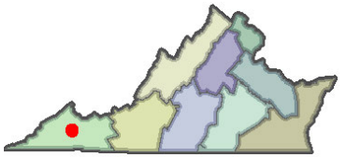
For more information on how to read a scorecard, click here.

Route 80 Project 1

Project Id: 3718

Route 80 Climbing Lanes - through the doubles

Submitting Entity: Russell County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Safety
(click here for details)



0.0
SMART SCALE SCORE

#427 OF 433 STATEWIDE

#41 OF 44 DISTRICTWIDE

SMART SCALE Requested Funds..... **$8,667,489**
Total Project Cost..... **$8,667,489**
Project Benefit..... **0.0**
Project Benefit / Total Cost..... **0.0**

SMART SCALE Area Type D														
Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	0.0 person hrs.	0.0 EPDO	0.0 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	0.0 thousand adj sq. ft.	0.0 thousand adj daily tons	289,358.7 adj. buffer time index	0.0 adjusted points	0.0 scaled points	access * pop/emp density.h	access * pop/emp density change.
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	N/A
Factor Value	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	$8,667,489													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.0**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

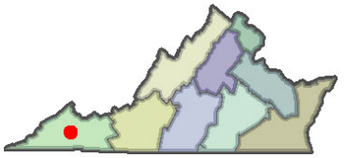
For more information on how to read a scorecard, click here.

US 19 EB Horizontal Curve Improvements

Project Id: 3723

The proposed project will consist of realigning and increasing the radius of a 2,000 feet section of eastbound U.S. Route 19, located approximately 1,900 feet west of State Route 80.

Submitting Entity: Russell County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Complete
Eligible Fund Program: District Grant
VTRANS Need: Safety
(click here for details)



1.3
SMART SCALE SCORE

#259 OF 433 STATEWIDE

#24 OF 44 DISTRICTWIDE

SMART SCALE Requested Funds..... **$4,987,515**
Total Project Cost..... **$4,987,515**
Project Benefit..... **0.7**
Project Benefit / Total Cost..... **1.3**

SMART SCALE Area Type D															
Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	0.0 person hrs.	6.6 EPDO	944.3 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	0.0 thousand adj sq. ft.	0.0 thousand adj daily tons	629,017.2 adj. buffer time index	0.0 adjusted points	0.5 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	1.9	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.0		1.9		0.0			0.0			0.8			
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	0.7													
SMART SCALE Cost	$4,987,515													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.3**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

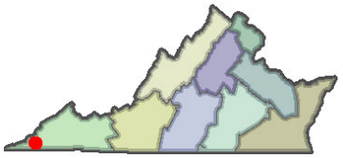
For more information on how to read a scorecard, click here.

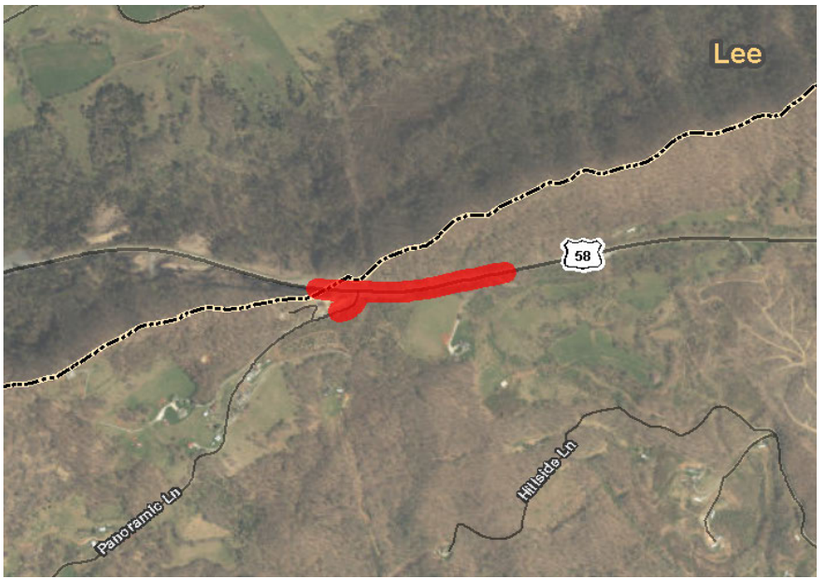
Route 58 Climbing Lane

Project Id: 3775

The proposed project consists of installing an additional 12-foot travel lane, to be used as a truck climbing lane, to allow vehicles an opportunity to pass slow-moving trucks traveling westbound up Powell Mountain on U.S. Route 58.

Submitting Entity: Scott County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: CoSS
(click here for details)





0.1
SMART SCALE SCORE

#422 OF 433 STATEWIDE

#40 OF 44 DISTRICTWIDE

SMART SCALE Requested Funds..... **$6,437,541**
Total Project Cost..... **$6,437,541**
Project Benefit..... **0.0**
Project Benefit / Total Cost..... **0.1**

SMART SCALE Area Type D

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	0.0 person hrs.	0.4 EPDO	74.0 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	0.0 thousand adj sq. ft.	0.0 thousand adj daily tons	387,996.6 adj. buffer time index	0.0 adjusted points	0.0 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	0.1	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	N/A
Factor Value	0.0		0.1		0.0			0.0			0.1			
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	$6,437,541													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.1**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

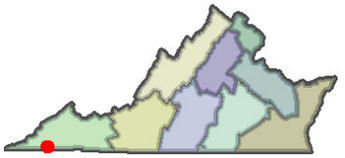
For more information on how to read a scorecard, click here.

US 23-58 at Kane Street

Project Id: 4048

The proposed project involves extending the westbound left-turn lane and the eastbound left- and right-turn lanes located at the U.S. Route 58/U.S. Route 23 and Kane Street signalized intersection to meet current VDOT standards.

Submitting Entity: Scott County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: CoSS
(click here for details)



0.5
SMART SCALE SCORE

#349 OF 433 STATEWIDE

#32 OF 44 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$1,749,800**
Total Project Cost.....	**$1,749,800**
Project Benefit.....	**0.1**
Project Benefit / Total Cost.....	**0.5**

SMART SCALE Area Type D

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	0.0 person hrs.	1.0 EPDO	61.9 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	13,351.4 thousand adj sq. ft.	0.0 thousand adj daily tons	4,084,340.3 adj. buffer time index	0.0 adjusted points	0.1 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	0.3	0.1	0.0	0.0	0.0	0.1	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	N/A
Factor Value	0.0		0.2		0.0			0.1			0.1			
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	$1,749,800													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.5**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

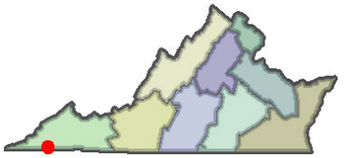
For more information on how to read a scorecard, click here.

US 23 at Hilton Road

Project Id: 4052

The proposed project involves implementing access management strategies on U.S. Route 58/U.S. Route 23, just north of Hilton Road.

Submitting Entity: Scott County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: Regional Network
(click here for details)



3.3
SMART SCALE SCORE

#141 OF 433 STATEWIDE

#11 OF 44 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$2,203,993**
Total Project Cost.....	**$2,203,993**
Project Benefit.....	**0.7**
Project Benefit / Total Cost.....	**3.3**

SMART SCALE Area Type D

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	0.0 person hrs.	11.5 EPDO	479.7 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	0.0 thousand adj sq. ft.	0.0 thousand adj daily tons	5,016,586.3 adj. buffer time index	0.0 adjusted points	0.5 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	3.3	1.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	1.4		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.0		2.1		0.0			0.0			0.7			
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	0.7													
SMART SCALE Cost	$2,203,993													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**3.3**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT · DRPT · Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

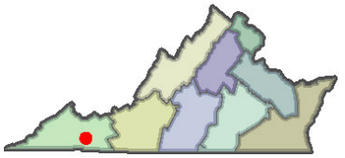
For more information on how to read a scorecard, click here.

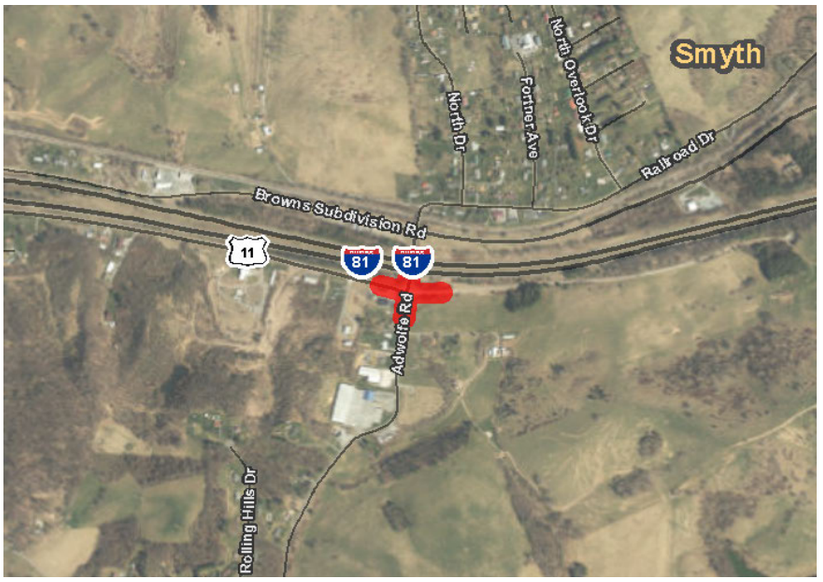
US Route 11 / SR 660 Roundabout South

Project Id: 3802

The proposed project involves constructing a single lane roundabout with an inscribed diameter of 100 feet at the intersection of U.S. Route 11 and State Route 660 (south side). Traffic congestion and safety will be improved with this project.

Submitting Entity: Smyth County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: CoSS
(click here for details)





10.0
SMART SCALE SCORE

#37 OF 433 STATEWIDE

#2 OF 44 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$3,607,316**
Total Project Cost.....	**$3,607,316**
Project Benefit.....	**3.6**
Project Benefit / Total Cost.....	**10.0**

SMART SCALE Area Type D

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	0.7 person hrs.	12.8 EPDO	8,453.9 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	52,233.3 thousand adj sq. ft.	0.0 thousand adj daily tons	19,986.1 adj. buffer time index	0.0 adjusted points	2.6 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	3.7	17.4	0.0	0.0	0.0	0.3	0.0	0.0	0.0	7.8		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.0		10.6		0.0			0.2			3.9			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%		N/A	
Weighted Factor Value	0.0		3.2		0.0			0.1			0.4			
Project Benefit	3.6													
SMART SCALE Cost	$3,607,316													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**10.0**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT · DRPT · Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

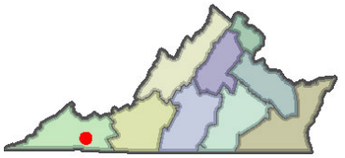
For more information on how to read a scorecard, click here.

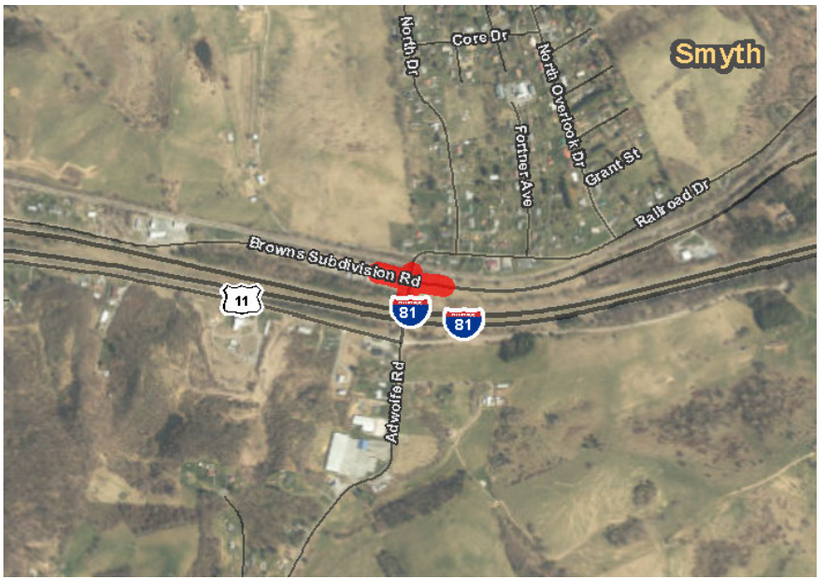
US Route 11 / SR 660 Roundabout North

Project Id: 3804

The proposed project involves constructing a single lane roundabout with an inscribed diameter of 100 feet at the intersection of U.S. Route 11 and State Route 660 (north side). Traffic congestion and safety will be improved with this project.

Submitting Entity: Smyth County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: CoSS
(click here for details)





2.7
SMART SCALE SCORE

#165 OF 433 STATEWIDE

#14 OF 44 DISTRICTWIDE

SMART SCALE Requested Funds..... **$3,572,022**
Total Project Cost..... **$3,572,022**
Project Benefit..... **1.0**
Project Benefit / Total Cost..... **2.7**

SMART SCALE Area Type D														
Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	1.2 persons	2.1 person hrs.	3.2 EPDO	2,280.6 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	0.0 thousand adj sq. ft.	0.0 thousand adj daily tons	6,173.7 adj. buffer time index	0.0 adjusted points	0.7 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	0.9	4.7	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	N/A
Factor Value	0.0		2.8		0.0			0.0			1.0			
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	1.0													
SMART SCALE Cost	$3,572,022													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**2.7**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT · DRPT · Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

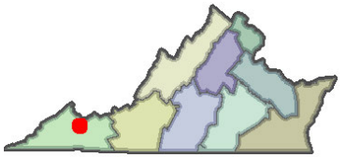
For more information on how to read a scorecard, click here.

Route 460 Corridor Improvements

Project Id: 4086

This project seeks to remedy many of the congestion and safety issues in the US-460 and US-460/US-19 corridors through intersection improvements and access management improvements. It is one project in this corridor recommended by a STARS Study.

Submitting Entity: Tazewell County
Preliminary Engineering: Not Started
Right of Way: Not Needed
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: CoSS
(click here for details)



10.5
SMART SCALE SCORE

#31 OF 433 STATEWIDE

#1 OF 44 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$3,597,000**
Total Project Cost.....	**$3,597,000**
Project Benefit.....	**3.8**
Project Benefit / Total Cost.....	**10.5**

SMART SCALE Area Type D

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	0.0 person hrs.	69.8 EPDO	786.3 EPDO / 100M VMT	0.8 jobs per resident	0.8 jobs per resident	0.0 adjusted users	105,800.5 thousand adj sq. ft.	0.0 thousand adj daily tons	23,315,050.5 adj. buffer time index	0.0 adjusted points	2.5 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	20.0	1.6	0.0	0.0	0.0	0.5	0.0	0.5	0.0	7.5		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.0		10.8		0.0			0.4			3.8			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%		N/A	
Weighted Factor Value	0.0		3.2		0.0			0.2			0.4			
Project Benefit	3.8													
SMART SCALE Cost	$3,597,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**10.5**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

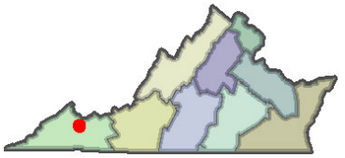
For more information on how to read a scorecard, click here.

US 460 and US 19 Intersection Improvements

Project Id: 4760

This project consists of improvements made to the US-460/US-19 intersection and the adjacent intersection with Route 610. This area is affected by congestion and safety issues. These improvements were recommended by a STARS study of the corridor.

Submitting Entity: Tazewell County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: CoSS
(click here for details)



1.6
SMART SCALE SCORE

#238 OF 433 STATEWIDE

#22 OF 44 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$7,810,439**
Total Project Cost.....	**$7,810,439**
Project Benefit.....	**1.2**
Project Benefit / Total Cost.....	**1.6**

SMART SCALE Area Type D

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	0.6 person hrs.	15.8 EPDO	741.1 EPDO / 100M VMT	0.1 jobs per resident	0.1 jobs per resident	0.0 adjusted users	104,823.3 thousand adj sq. ft.	41,604.2 thousand adj daily tons	8,964,181.3 adj. buffer time index	0.0 adjusted points	0.8 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	4.5	1.5	0.0	0.0	0.0	0.5	0.9	0.2	0.0	2.4		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.0		3.0		0.0			0.5			1.2			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%		N/A	
Weighted Factor Value	0.0		0.9		0.0			0.2			0.1			
Project Benefit	1.2													
SMART SCALE Cost	$7,810,439													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.6**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

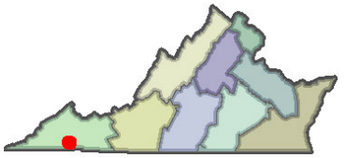
For more information on how to read a scorecard, click here.

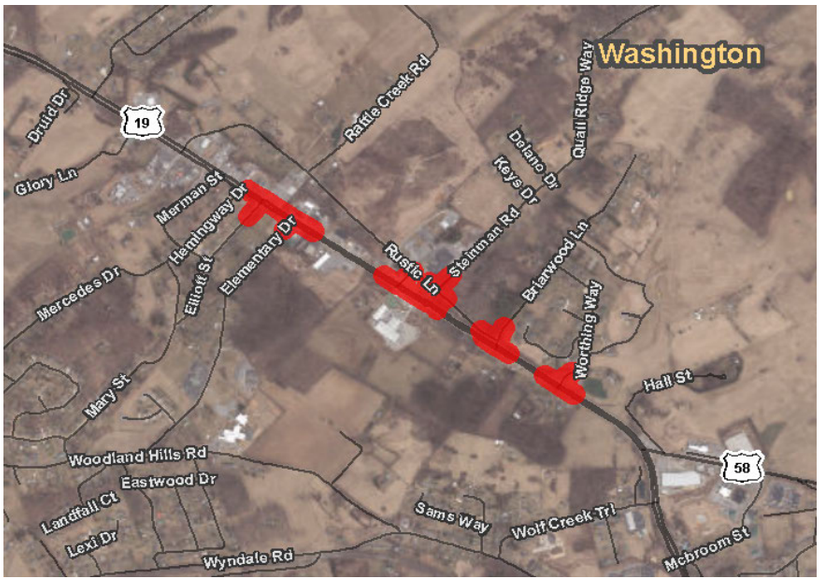
US Route 19 Corridor Improvements

Project Id: 4187

This project consists of implementing access management strategies and intersection improvements along US Route 19 (Porterfield Highway) between Worthing Way and the median opening immediately west of Stone Mountain Drive in Washington County, VA.

Submitting Entity: Washington County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: Regional Network
(click here for details)





2.0
SMART SCALE SCORE

#203 OF 433 STATEWIDE

#19 OF 44 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$15,592,000**
Total Project Cost.....	**$15,592,000**
Project Benefit.....	**3.1**
Project Benefit / Total Cost.....	**2.0**

SMART SCALE Area Type D

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	0.2 person hrs.	52.9 EPDO	1,509.4 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	0.0 thousand adj sq. ft.	0.0 thousand adj daily tons	7,013,502.0 adj. buffer time index	0.0 adjusted points	2.6 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	15.2	3.1	0.0	0.0	0.0	0.0	0.0	0.2	0.0	7.9		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.0		9.1		0.0			0.0			3.9			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%		N/A	
Weighted Factor Value	0.0		2.7		0.0			0.0			0.4			
Project Benefit	3.1													
SMART SCALE Cost	$15,592,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**2.0**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

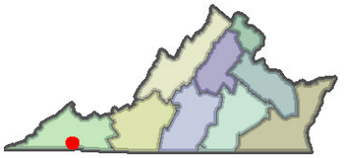
For more information on how to read a scorecard, click here.

U.S. Route 58/U.S. Route 11 a Maringo Rd

Project Id: 4307

The proposed project includes removing the existing Maringo Road at U.S. Route 11/58 intersection and realigning the approach to tie into existing Falcon Place Blvd.

Submitting Entity: Washington County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: CoSS
(click here for details)



1.1
SMART SCALE SCORE

#278 OF 433 STATEWIDE

#25 OF 44 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$5,316,342**
Total Project Cost.....	**$5,316,342**
Project Benefit.....	**0.6**
Project Benefit / Total Cost.....	**1.1**

SMART SCALE Area Type D

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	0.0 person hrs.	11.9 EPDO	0.0 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	9,776.1 thousand adj sq. ft.	0.0 thousand adj daily tons	0.0 adj. buffer time index	0.0 adjusted points	0.5 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.0		1.7		0.0			0.0			0.7			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%		N/A	
Weighted Factor Value	0.0		0.5		0.0			0.0			0.1			
Project Benefit	0.6													
SMART SCALE Cost	$5,316,342													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.1**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT · DRPT · Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

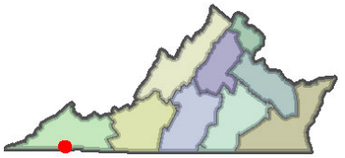
For more information on how to read a scorecard, click here.

U.S. Route 11 Widening

Project Id: 4334

This project proposes to widen approximately 0.6 miles of U.S. 11 from the existing four-lane section currently completing construction in front of the Highlands Shopping Center (W. Highlands Blvd) to approximately 300 feet east of Old Dominion Road.

Submitting Entity: Washington County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: CoSS
(click here for details)



0.7
SMART SCALE SCORE

#320 OF 433 STATEWIDE

#28 OF 44 DISTRICTWIDE

SMART SCALE Requested Funds..... **$20,281,165**
Total Project Cost..... **$22,010,719**
Project Benefit..... **1.5**
Project Benefit / Total Cost..... **0.7**

SMART SCALE Area Type D

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	8.2 persons	2.0 person hrs.	20.7 EPDO	862.0 EPDO / 100M VMT	42.6 jobs per resident	38.1 jobs per resident	24.6 adjusted users	6,810.0 thousand adj sq. ft.	5,021.8 thousand adj daily tons	7,564,603.4 adj. buffer time index	32.8 adjusted points	1.2 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	5.9	1.8	0.8	0.7	0.1	0.0	0.1	0.2	0.2	3.5		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.0		3.9		0.6			0.1			1.9			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%		N/A	
Weighted Factor Value	0.0		1.2		0.1			0.0			0.2			
Project Benefit	1.5													
SMART SCALE Cost	$20,281,165													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.7**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

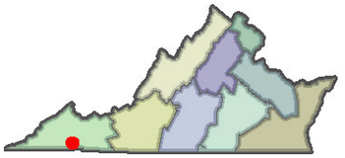
For more information on how to read a scorecard, click here.

U.S. Route 58 at U.S. Route 11 Roundabout

Project Id: 4345

The proposed project will result in converting the existing signalized intersection if U.S. Route 11 and U.S. Route 58 in Washington County to a roundabout.

Submitting Entity: Washington County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: Regional Network
(click here for details)



3.7
SMART SCALE SCORE

#129 OF 433 STATEWIDE

#8 OF 44 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$7,840,608**
Total Project Cost.....	**$7,840,608**
Project Benefit.....	**2.9**
Project Benefit / Total Cost.....	**3.7**

SMART SCALE Area Type D

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	0.7 person hrs.	32.4 EPDO	3,626.1 EPDO / 100M VMT	0.2 jobs per resident	0.2 jobs per resident	0.0 adjusted users	8,960.4 thousand adj sq. ft.	9,728.6 thousand adj daily tons	2,055,081.3 adj. buffer time index	0.0 adjusted points	2.4 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	9.3	7.5	0.0	0.0	0.0	0.0	0.2	0.0	0.0	7.3		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.0		8.4		0.0			0.1			3.6			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%		N/A	
Weighted Factor Value	0.0		2.5		0.0			0.0			0.4			
Project Benefit	2.9													
SMART SCALE Cost	$7,840,608													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**3.7**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

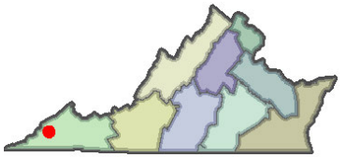
For more information on how to read a scorecard, click here.

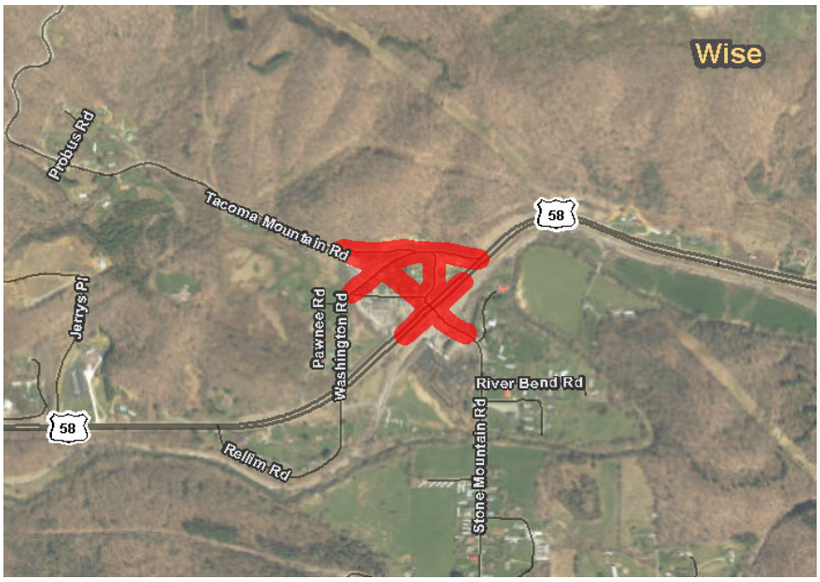
US58 at Tacoma Mountain Realignment

Project Id: 4778

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.

Submitting Entity: Wise County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Safety
(click here for details)





0.8
SMART SCALE SCORE

#312 OF 433 STATEWIDE

#27 OF 44 DISTRICTWIDE

SMART SCALE Requested Funds..... **$5,420,000**
Total Project Cost..... **$5,420,000**
Project Benefit..... **0.4**
Project Benefit / Total Cost..... **0.8**

SMART SCALE Area Type D														
Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	0.0 person hrs.	3.8 EPDO	684.3 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	0.0 thousand adj sq. ft.	143.1 thousand adj daily tons	613,775.0 adj. buffer time index	0.0 adjusted points	0.3 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	1.1	1.4	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	N/A
Factor Value	0.0		1.2		0.0			0.0			0.5			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%		N/A	
Weighted Factor Value	0.0		0.4		0.0			0.0			0.1			
Project Benefit	0.4													
SMART SCALE Cost	$5,420,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.8**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

Progress Park Connector

Project Id: 3736

The proposed Progress Park Extension project includes the construction of an approximately 2.3 mile, 2-lane roadway from E Lee Tinkle Drive to Nye Road to provide a direct connection to Progress Park in Wythe County.

Submitting Entity: Wythe County
Preliminary Engineering: Underway
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: CoSS
(click here for details)

9.1
SMART SCALE SCORE

#44 OF 433 STATEWIDE

#3 OF 44 DISTRICTWIDE

SMART SCALE Requested Funds..... **$12,857,000**
Total Project Cost..... **$23,684,000**
Project Benefit..... **11.6**
Project Benefit / Total Cost..... **4.9**

SMART SCALE Area Type D														
Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	235.5 persons	98.0 person hrs.	0.0 EPDO	0.0 EPDO / 100M VMT	0.8 jobs per resident	1.4 jobs per resident	0.0 adjusted users	9,328,452.5 thousand adj sq. ft.	40,078.1 thousand adj daily tons	0.0 adj. buffer time index	148.0 adjusted points	9.5 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.8	1.5	0.0	0.0	0.0	0.0	0.0	47.5	0.8	0.0	1.0	28.9		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	1.2		0.0		0.0			28.7			15.0			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%		N/A	
Weighted Factor Value	0.1		0.0		0.0			10.0			1.5			
Project Benefit	11.6													
SMART SCALE Cost	$12,857,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**9.1**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

I-77 Exit 41 Ramp Modifications

Project Id: 3743

The proposed project will realign the existing I-77 northbound on and off ramps to the intersection of Peppers Ferry Road at Nye Road.

Submitting Entity: Wytheville Town
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: CoSS
(click here for details)

0.9
SMART SCALE SCORE

#304 OF 433 STATEWIDE

#26 OF 44 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$10,997,552**
Total Project Cost.....	**$10,997,552**
Project Benefit.....	**1.0**
Project Benefit / Total Cost.....	**0.9**

SMART SCALE Area Type D

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	0.0 person hrs.	1.2 EPDO	855.5 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	497,018.1 thousand adj sq. ft.	0.0 thousand adj daily tons	15,428.7 adj. buffer time index	0.0 adjusted points	0.8 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	0.3	1.8	0.0	0.0	0.0	2.5	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	N/A
Factor Value	0.0		1.1		0.0			1.5			1.2			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%		N/A	
Weighted Factor Value	0.0		0.3		0.0			0.5			0.1			
Project Benefit	1.0													
SMART SCALE Cost	$10,997,552													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.9**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

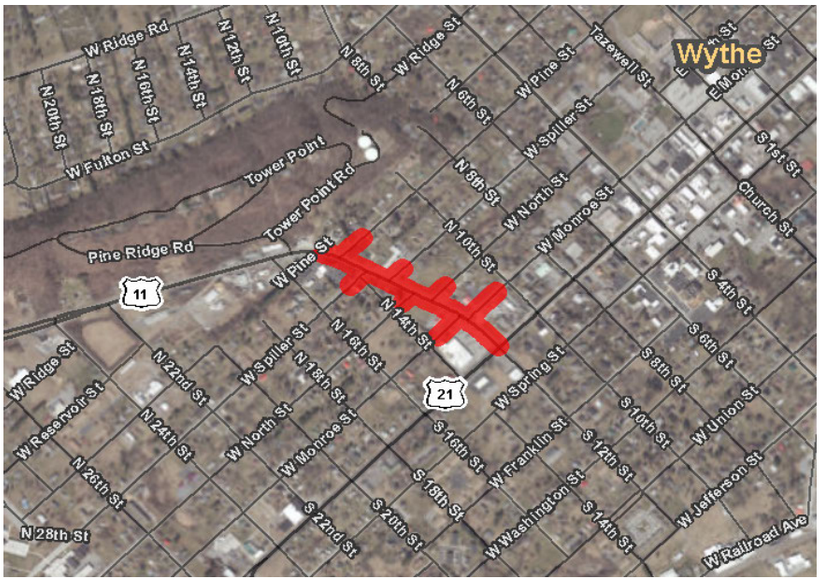
For more information on how to read a scorecard, click here.

12th Street Road Diet

Project Id: 3750

The proposed project reduced the number of existing lanes on N 12th Street from 4 lanes to 2 lanes by constructing a 24 foot wide raised median between W. Pine Street and W. Monroe Street.

Submitting Entity: Wytheville Town
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Safety
(click here for details)



3.3 SMART SCALE SCORE			
	#143	OF 433 STATEWIDE	SMART SCALE Requested Funds..... **$3,248,775**
	#12	OF 44 DISTRICTWIDE	Total Project Cost..... **$3,248,775**
			Project Benefit..... **1.1**
			Project Benefit / Total Cost..... **3.3**

SMART SCALE Area Type D

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	0.0 person hrs.	11.7 EPDO	1,424.0 EPDO / 100M VMT	0.1 jobs per resident	0.1 jobs per resident	0.0 adjusted users	9,618.8 thousand adj sq. ft.	0.0 thousand adj daily tons	1,643,311.2 adj. buffer time index	0.0 adjusted points	0.7 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	3.4	2.9	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	N/A
Factor Value	0.0		3.1		0.0			0.0			1.0			
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	1.1													
SMART SCALE Cost	$3,248,775													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**3.3**													

CULPEPER DISTRICT

SMART SCALE | *Funding the Right Transportation Projects in Virginia*

VDOT · DRPT · Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

Project Id	Project Name	Organization	District Rank	State Rank	Page #
3756	Roundabout - Route 3 and McDevitt Dr. Intersection	Culpeper Town	1	22	02-14
3584	West Main Streetscape	Charlottesville City	2	23	02-05
3444	Route 29/Freemans Ford Road Alternative Intersection	Fauquier County	3	47	02-16
4104	US 33 / Route 20 east roundabout	Orange County	4	64	02-35
4107	Route 29 & Route 662 (Shelby Rd.) Intersection Improvements	Madison County	5	65	02-30
3655	Preston Ave. & Grady Ave Intersection Improvements	Charlottesville City	6	67	02-08
3653	5th Street SW Corridor Improvements	Charlottesville City	7	87	02-06
3600	US 250/Route 20 Intersection Improvement	Albemarle County	8	90	02-01
4992	3 Notch Rd (Rte 250) & Courthouse Rd (Rte 208)	Louisa County	9	97	02-29
4115	Route 230 & Route 687 Intersection Improvements	Madison County	10	108	02-31
3959	US 522 / Route 20 roundabout	Orange County	11	110	02-32
4163	Berkmar Drive Extension to Airport Road	Albemarle County	12	125	02-02
4848	Troy Road (631) and Route 250 Roundabout	Fluvanna County	13	128	02-22
3977	Gordonsville Route 231 / High St roundabout	Orange County	14	131	02-34
4243	Route 20 / Route 611 roundabout	Orange County	15	138	02-36
4116	Barracks Road Turn Lane and Sidewalk	Thomas Jefferson Planning District Commission	16	148	02-41
3654	250 BP & Hydraulic Rd Intersection improvements	Charlottesville City	17	153	02-07
4327	Rt 20/Rt 53 Intersection Improvements	Albemarle County	18	156	02-03
3458	I-66, Exit 28 Reconstruction	Fauquier County	19	168	02-17
4707	Troy Road (631) and Route 15 Intersection	Fluvanna County	20	181	02-21
4049	US 29 and Fontaine Avenue Interchange Improvements	Charlottesville-Albemarle Metropolitan Planning Organization	21	183	02-09
4496	Turkeysag Trail (Route 1015) & Route 53 Roundabout	Fluvanna County	22	189	02-19
4302	Route 29 Safety Improvements, from Buck Drive to Route 600	Greene County	23	191	02-25
4095	Exit 107 Park and Ride Lot	Thomas Jefferson Planning District Commission	24	195	02-39
4054	Route 29 Safety Improvements, from Buck Drive to Route 616	Greene County	25	197	02-23
3572	Route 29/Telephone Road Signalized Alternative Intersection	Rappahannock - Rapidan Regional Commission	26	204	02-37
4312	US29 and Frays Mill RCUT	Thomas Jefferson Planning District Commission	27	215	02-42
4136	Rt. 29/Rt. 663 Intersection Improvement, R-Cut Design	Culpeper County	28	230	02-13

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

Project Id	Project Name	Organization	District Rank	State Rank	Page #
4110	Route 29 Shared Use Path	Thomas Jefferson Planning District Commission	29	234	02-40
4280	Route 29 Safety Improvements, from Route 600 to Route 616	Greene County	30	245	02-24
3461	Roundabout at Route 55 and Route 709	Fauquier County	31	265	02-18
4416	Rio Road East/Pen Park Road Roundabout	Albemarle County	32	266	02-04
4084	Opal Interchange	Rappahannock - Rapidan Regional Commission	33	272	02-38
4548	Bybees Church Road (613) and Route 15 Intersection	Fluvanna County	34	279	02-20
3423	Rt 28 & Schoolhouse Road (Rt 661) Intersection Improvements	Fauquier County	35	288	02-15
3973	Gordonsville US 15/33 / High St roundabout	Orange County	36	319	02-33
4375	Package 2 - Hydraulic Road and US 29 Intersection	Charlottesville-Albemarle Metropolitan Planning Organization	37	328	02-11
4961	New Bridge Road (Rte 208) & Kentucky Springs Road (Rte 652)	Louisa County	38	334	02-27
4102	Package 1 - US 29 and Hydraulic Road Improvements	Charlottesville-Albemarle Metropolitan Planning Organization	39	360	02-10
4987	Davis Hwy (Rte 22) & Industrial Drive (Rte 780)	Louisa County	40	366	02-28
4386	Package 3 - US 29 and Hydraulic Road area improvements	Charlottesville-Albemarle Metropolitan Planning Organization	41	368	02-12
4309	Route 15-33 Intersection Improvements	Louisa County	42	369	02-26

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

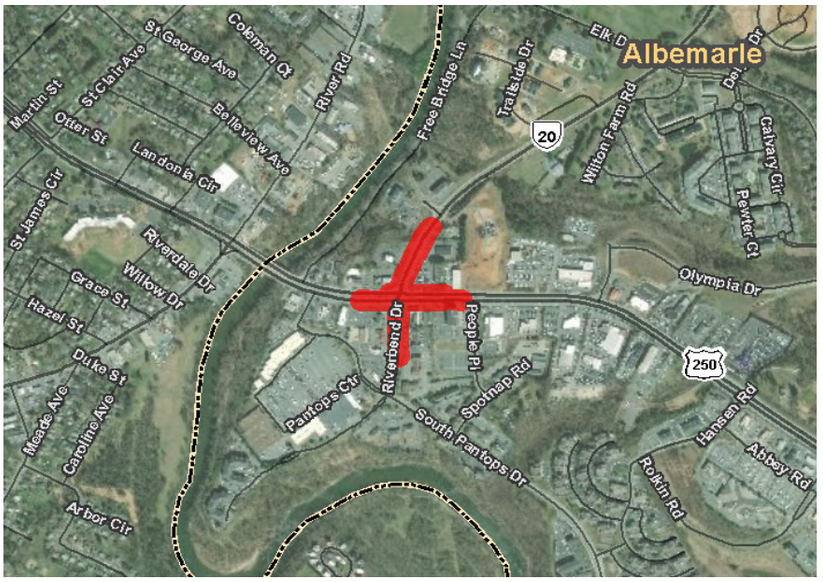
For more information on how to read a scorecard, click here.

US 250/Route 20 Intersection Improvement

Project Id: 3600

Reconstruct the US 250 (Richmond Road) and Route 20 (Stony Point Road) intersection to improve safety and operations. Project includes additional turn lanes, right-of-way, medians, and new signals.

Submitting Entity: Albemarle County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: Regional Network
(click here for details)



5.2
SMART SCALE SCORE

#90 OF 433 STATEWIDE

#8 OF 42 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$8,800,000**
Total Project Cost.....	**$8,800,000**
Project Benefit.....	**4.6**
Project Benefit / Total Cost.....	**5.2**

SMART SCALE Area Type B

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	1,112.5 persons	1,112.0 person hrs.	15.6 EPDO	529.9 EPDO / 100M VMT	189.9 jobs per resident	129.8 jobs per resident	202.5 adjusted users	1,343,781.7 thousand adj sq. ft.	12,747.6 thousand adj daily tons	15,327,441.7 adj. buffer time index	337.5 adjusted points	3.7 scaled points	37,934.9 access * pop/emp density.h	8,775.3 access * pop/emp density change.
Normalized Measure Value (0-100)	3.9	17.3	4.5	1.1	3.3	2.2	0.7	6.8	0.3	0.4	2.4	11.2	2.9	2.5
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	10.6		2.8		2.6			4.2			6.8		2.7	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%		10%	
Weighted Factor Value	1.6		0.6		0.7			0.8			0.7		0.3	
Project Benefit	4.6													
SMART SCALE Cost	$8,800,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**5.2**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT · DRPT · Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

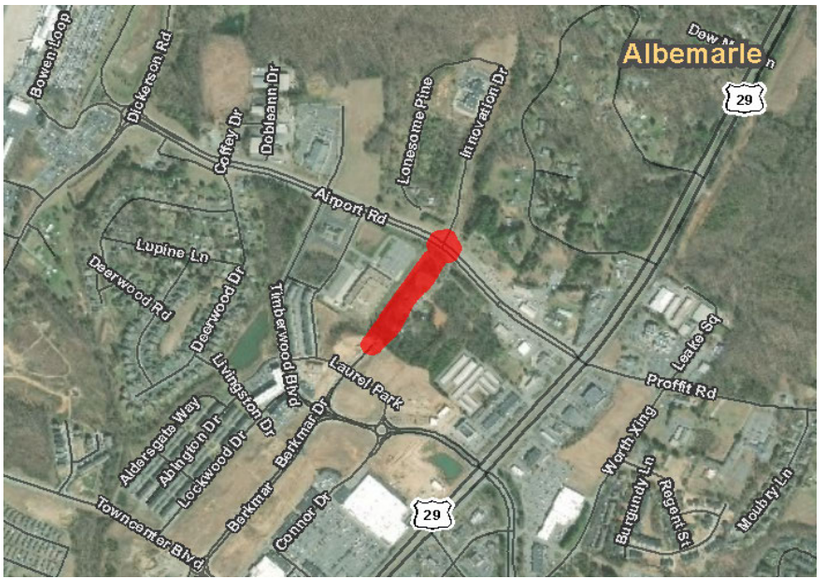
For more information on how to read a scorecard, click here.

Berkmar Drive Extension to Airport Road

Project Id: 4163

Project would construct an extension of the existing Berkmar Drive from Timberwood Blvd to Airport Rd and a roundabout at Airport Rd.

Submitting Entity: Albemarle County
Preliminary Engineering: Underway
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: Regional Network
(click here for details)



3.8
SMART SCALE SCORE

#125 OF 433 STATEWIDE

#12 OF 42 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$13,648,403**
Total Project Cost.....	**$15,700,000**
Project Benefit.....	**5.1**
Project Benefit / Total Cost.....	**3.3**

SMART SCALE Area Type B

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	297.2 persons	44.9 person hrs.	32.2 EPDO	71.5 EPDO / 100M VMT	2.6 jobs per resident	0.2 jobs per resident	30.0 adjusted users	5,483,313.9 thousand adj sq. ft.	2,731.0 thousand adj daily tons	2,611,179.5 adj. buffer time index	97.0 adjusted points	4.3 scaled points	2,007.7 access * pop/emp density.h	551.4 access * pop/emp density change.
Normalized Measure Value (0-100)	1.1	0.7	9.2	0.1	0.0	0.0	0.1	27.9	0.1	0.1	0.7	12.9	0.2	0.2
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.9		4.7		0.1			16.8			6.8		0.2	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%		10%	
Weighted Factor Value	0.1		0.9		0.0			3.4			0.7		0.0	
Project Benefit	5.1													
SMART SCALE Cost	$13,648,403													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**3.8**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

Rt 20/Rt 53 Intersection Improvements

Project Id: 4327

Convert the Route 20 South (Scottsville Road)/Route 53 (Thomas Jefferson Parkway) Intersection to a roundabout to improve safety and operations.

Submitting Entity: Albemarle County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: Regional Network
(click here for details)

2.8
SMART SCALE SCORE

#156 OF 433 STATEWIDE

#18 OF 42 DISTRICTWIDE

SMART SCALE Requested Funds..... **$6,600,000**
Total Project Cost..... **$6,600,000**
Project Benefit..... **1.9**
Project Benefit / Total Cost..... **2.8**

SMART SCALE Area Type B														
Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	38.2 persons	1.9 person hrs.	21.0 EPDO	1,582.2 EPDO / 100M VMT	8.1 jobs per resident	11.4 jobs per resident	114.5 adjusted users	639,843.0 thousand adj sq. ft.	11,466.3 thousand adj daily tons	1,401,599.2 adj. buffer time index	152.6 adjusted points	1.4 scaled points	29,777.9 access * pop/emp density.h	6,759.1 access * pop/emp density change.
Normalized Measure Value (0-100)	0.1	0.0	6.0	3.3	0.1	0.2	0.4	3.3	0.2	0.0	1.1	4.2	2.2	1.9
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.1		4.6		0.2			2.0			2.6		2.1	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%		10%	
Weighted Factor Value	0.0		0.9		0.1			0.4			0.3		0.2	
Project Benefit	1.9													
SMART SCALE Cost	$6,600,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**2.8**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

Rio Road East/Pen Park Road Roundabout

Project Id: 4416

Reconstruct the Rio Road East/Pen Park Road Intersection to a Roundabout.

Submitting Entity: Albemarle County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Urban Development Area
(click here for details)

1.2
SMART SCALE SCORE

#266 OF 433 STATEWIDE

#32 OF 42 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$8,000,000**
Total Project Cost.....	**$8,000,000**
Project Benefit.....	**1.0**
Project Benefit / Total Cost.....	**1.2**

SMART SCALE Area Type B

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	10.3 persons	0.0 person hrs.	4.8 EPDO	571.8 EPDO / 100M VMT	4.8 jobs per resident	3.9 jobs per resident	51.5 adjusted users	100,939.2 thousand adj sq. ft.	0.0 thousand adj daily tons	638,001.2 adj. buffer time index	0.0 adjusted points	0.8 scaled points	74,390.5 access * pop/emp density.h	15,197.3 access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	1.4	1.2	0.1	0.1	0.2	0.5	0.0	0.0	0.0	2.4	5.6	4.3
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.0		1.3		0.1			0.3			1.2		5.2	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%		10%	
Weighted Factor Value	0.0		0.3		0.0			0.1			0.1		0.5	
Project Benefit	1.0													
SMART SCALE Cost	$8,000,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.2**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

West Main Streetscape

Project Id: 3584

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 aesthetics of the street.

Submitting Entity: Charlottesville City
Preliminary Engineering: Underway
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: CoSS
(click here for details)

15.4 SMART SCALE SCORE			
	#23	OF 433 STATEWIDE	
	#2	OF 42 DISTRICTWIDE	

SMART SCALE Requested Funds.....	**$2,009,265**
Total Project Cost.....	**$12,689,020**
Project Benefit.....	**3.1**
Project Benefit / Total Cost.....	**2.4**

SMART SCALE Area Type B

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	8.8 persons	0.0 person hrs.	1.5 EPDO	54.8 EPDO / 100M VMT	12.3 jobs per resident	13.8 jobs per resident	44.0 adjusted users	3,936,762.4 thousand adj sq. ft.	0.0 thousand adj daily tons	3,286,088.9 adj. buffer time index	0.0 adjusted points	2.2 scaled points	36,682.5 access * pop/emp density.h	7,612.7 access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	0.4	0.1	0.2	0.2	0.2	20.0	0.0	0.1	0.0	6.6	2.8	2.2
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.0		0.3		0.2			12.0			3.3		2.6	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%		10%	
Weighted Factor Value	0.0		0.1		0.1			2.4			0.3		0.3	
Project Benefit	3.1													
SMART SCALE Cost	$2,009,265													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**15.4**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

5th Street SW Corridor Improvements

Project Id: 3653

To reduce congestion, improve safety, and accommodate bicyclists, pedestrians, and transit at the intersection of Ridge Street, Cherry Avenue, Elliot Aveune.

Submitting Entity: Charlottesville City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Urban Development Area
(click here for details)

5.3
SMART SCALE SCORE

#87 OF 433 STATEWIDE

#7 OF 42 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$6,093,034**
Total Project Cost.....	**$6,103,034**
Project Benefit.....	**3.2**
Project Benefit / Total Cost.....	**5.3**

SMART SCALE Area Type B

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	21.0 persons	3.5 person hrs.	5.3 EPDO	399.1 EPDO / 100M VMT	2.3 jobs per resident	2.6 jobs per resident	63.1 adjusted users	3,800,809.6 thousand adj sq. ft.	7,397.4 thousand adj daily tons	3,372,645.9 adj. buffer time index	84.2 adjusted points	2.4 scaled points	35,350.9 access * pop/emp density.h	7,434.5 access * pop/emp density change.
Normalized Measure Value (0-100)	0.1	0.1	1.5	0.8	0.0	0.0	0.2	19.3	0.2	0.1	0.6	7.3	2.7	2.1
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.1		1.2		0.1			11.7			3.9		2.5	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%		10%	
Weighted Factor Value	0.0		0.2		0.0			2.3			0.4		0.2	
Project Benefit	3.2													
SMART SCALE Cost	$6,093,034													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**5.3**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

250 BP & Hydraulic Rd Intersection improvements

Project Id: 3654

Extending 250 BP east bound left turn lane , traffic signal replacement, multi-use trail extension, pedestrian bridge replacement, side street access improvements, box culvert extension, capacity improvements.

Submitting Entity: Charlottesville City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: CoSS
(click here for details)

2.9
SMART SCALE SCORE

#153 OF 433 STATEWIDE

#17 OF 42 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$6,405,603**
Total Project Cost.....	**$6,405,603**
Project Benefit.....	**1.9**
Project Benefit / Total Cost.....	**2.9**

SMART SCALE Area Type B

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	101.5 persons	0.0 person hrs.	12.6 EPDO	240.0 EPDO / 100M VMT	2.3 jobs per resident	2.6 jobs per resident	304.5 adjusted users	762,382.7 thousand adj sq. ft.	0.0 thousand adj daily tons	35,951,493.9 adj. buffer time index	0.0 adjusted points	1.5 scaled points	88,502.7 access * pop/emp density.h	18,815.5 access * pop/emp density change.
Normalized Measure Value (0-100)	0.4	0.0	3.6	0.5	0.0	0.0	1.1	3.9	0.0	0.8	0.0	4.6	6.7	5.3
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.2		2.0		0.3			2.5			2.3		6.3	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%		10%	
Weighted Factor Value	0.0		0.4		0.1			0.5			0.2		0.6	
Project Benefit	1.9													
SMART SCALE Cost	$6,405,603													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**2.9**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

Preston Ave. & Grady Ave Intersection Improvements

Project Id: 3655

Multimodal, community-focused, improvements to increase safety and enhance operations for all users at the Intersection of Preston Avenue, Grady Avenue, and 10th Street.

Submitting Entity: Charlottesville City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Urban Development Area
(click here for details)

6.7 SMART SCALE SCORE	#67 OF 433 STATEWIDE	SMART SCALE Requested Funds..... **$5,929,466**
	#6 OF 42 DISTRICTWIDE	Total Project Cost..... **$6,220,466**
		Project Benefit..... **4.0**
		Project Benefit / Total Cost..... **6.4**

SMART SCALE Area Type B

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	106.5 persons	0.0 person hrs.	29.3 EPDO	972.5 EPDO / 100M VMT	3.5 jobs per resident	5.1 jobs per resident	532.7 adjusted users	3,498,988.1 thousand adj sq. ft.	0.0 thousand adj daily tons	5,747,701.3 adj. buffer time index	0.0 adjusted points	2.8 scaled points	35,267.2 access * pop/emp density.h	7,202.5 access * pop/emp density change.
Normalized Measure Value (0-100)	0.4	0.0	8.4	2.0	0.1	0.1	1.9	17.8	0.0	0.1	0.0	8.3	2.7	2.0
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.2		5.2		0.4			10.7			4.2		2.5	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%		10%	
Weighted Factor Value	0.0		1.0		0.1			2.1			0.4		0.2	
Project Benefit	4.0													
SMART SCALE Cost	$5,929,466													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**6.7**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

US 29 and Fontaine Avenue Interchange Improvements

Project Id: 4049

Project would replace the existing stop-controlled diamond interchange at Route 29 / Fontaine Avenue with a diverging diamond interchange. A new 10-foot wide shared use path is provided in the median of the interchange.

Submitting Entity: Charlottesville-Albemarle Metropolitan Planning Organization
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Statewide High Priority
VTRANS Need: Regional Network
(click here for details)

2.3
SMART SCALE SCORE

#183 OF 433 STATEWIDE

#21 OF 42 DISTRICTWIDE

SMART SCALE Requested Funds..... **$21,900,000**
Total Project Cost..... **$21,900,000**
Project Benefit..... **5.1**
Project Benefit / Total Cost..... **2.3**

SMART SCALE Area Type B														
Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	28.7 persons	71.8 person hrs.	56.2 EPDO	3,641.7 EPDO / 100M VMT	1.3 jobs per resident	0.5 jobs per resident	86.0 adjusted users	2,414,716.4 thousand adj sq. ft.	496.8 thousand adj daily tons	5,277,821.3 adj. buffer time index	1,166.7 adjusted points	4.0 scaled points	18,635.6 access * pop/emp density.h	3,790.9 access * pop/emp density change.
Normalized Measure Value (0-100)	0.1	1.1	16.1	7.5	0.0	0.0	0.3	12.3	0.0	0.1	8.2	12.0	1.4	1.1
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.6		11.8		0.1			7.4			10.1		1.3	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%		10%	
Weighted Factor Value	0.1		2.4		0.0			1.5			1.0		0.1	
Project Benefit	5.1													
SMART SCALE Cost	$21,900,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**2.3**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

Package 1 - US 29 and Hydraulic Road Improvements

Project Id: 4102

Project includes multiple elements to improve safety and mobility at the US 29 and Hydraulic Road intersection and nearby intersections and interchanges.

Submitting Entity: Charlottesville-Albemarle Metropolitan Planning Organization
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Statewide High Priority
VTRANS Need: CoSS
(click here for details)

0.5
SMART SCALE SCORE

#360 OF 433 STATEWIDE

#39 OF 42 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$187,593,288**
Total Project Cost.....	**$206,093,288**
Project Benefit.....	**8.6**
Project Benefit / Total Cost.....	**0.4**

SMART SCALE Area Type B

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	438.5 persons	63.7 person hrs.	152.2 EPDO	693.7 EPDO / 100M VMT	24.0 jobs per resident	34.2 jobs per resident	703.8 adjusted users	3,107,921.7 thousand adj sq. ft.	9,612.3 thousand adj daily tons	0.0 adj. buffer time index	864.8 adjusted points	7.1 scaled points	57,167.3 access * pop/emp density.h	12,290.3 access * pop/emp density change.
Normalized Measure Value (0-100)	1.6	1.0	43.7	1.4	0.4	0.6	2.5	15.8	0.2	0.0	6.1	21.4	4.3	3.5
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	1.3		22.5		0.9			9.5			13.8		4.1	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%		10%	
Weighted Factor Value	0.2		4.5		0.2			1.9			1.4		0.4	
Project Benefit	8.6													
SMART SCALE Cost	$187,593,288													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.5**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT · DRPT · Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

Package 2 - Hydraulic Road and US 29 Intersection

Project Id: 4375

Project includes construction of a grade-separated interchange at the US 29 and Hydraulic Road intersection, and construction of roundabouts at two adjacent intersections on Hydraulic Road.

Submitting Entity:	Charlottesville-Albemarle Metropolitan Planning Organization
Preliminary Engineering:	Not Started
Right of Way:	Not Started
Construction:	Not Started
Eligible Fund Program:	Statewide High Priority
VTRANS Need:	CoSS

(click here for details)

0.7
SMART SCALE SCORE

#328 OF 433 STATEWIDE

#37 OF 42 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$100,863,456**
Total Project Cost.....	**$109,363,456**
Project Benefit.....	**7.1**
Project Benefit / Total Cost.....	**0.6**

SMART SCALE Area Type B

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	131.9 persons	16.9 person hrs.	114.2 EPDO	1,103.0 EPDO / 100M VMT	9.8 jobs per resident	14.3 jobs per resident	659.6 adjusted users	2,950,783.9 thousand adj sq. ft.	6,706.6 thousand adj daily tons	42,243,882.6 adj. buffer time index	659.6 adjusted points	5.8 scaled points	57,429.9 access * pop/emp density.h	12,112.8 access * pop/emp density change.
Normalized Measure Value (0-100)	0.5	0.3	32.7	2.3	0.2	0.2	2.4	15.0	0.1	1.0	4.7	17.7	4.3	3.4
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.4		17.5		0.6			9.2			11.2		4.1	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%		10%	
Weighted Factor Value	0.1		3.5		0.2			1.8			1.1		0.4	
Project Benefit	7.1													
SMART SCALE Cost	$100,863,456													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.7**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

Package 3 - US 29 and Hydraulic Road area improvements

Project Id: 4386

Project includes two grade separated crossings/interchanges at Zan Rd and Angus Rd. and construction of a new connector road Hillsdale Extend. Project will improve safety and traffic flow in the area around the US 29 and Hydraulic Road intersection.

Submitting Entity: Charlottesville-Albemarle Metropolitan Planning Organization
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Statewide High Priority
VTRANS Need: CoSS
(click here for details)

0.4 SMART SCALE SCORE

#368 OF 433 STATEWIDE

#41 OF 42 DISTRICTWIDE

SMART SCALE Requested Funds..... **$86,729,832**
Total Project Cost..... **$96,729,832**
Project Benefit..... **3.6**
Project Benefit / Total Cost..... **0.4**

SMART SCALE Area Type B

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	306.6 persons	46.5 person hrs.	15.8 EPDO	75.7 EPDO / 100M VMT	17.7 jobs per resident	19.4 jobs per resident	44.2 adjusted users	3,235,072.3 thousand adj sq. ft.	0.0 thousand adj daily tons	11,128,080.7 adj. buffer time index	205.2 adjusted points	3.0 scaled points	63,320.7 access * pop/emp density.h	13,629.9 access * pop/emp density change.
Normalized Measure Value (0-100)	1.1	0.7	4.5	0.2	0.3	0.3	0.2	16.5	0.0	0.3	1.4	9.0	4.8	3.9
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.9		2.3		0.3			9.9			5.2		4.5	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%		10%	
Weighted Factor Value	0.1		0.5		0.1			2.0			0.5		0.5	
Project Benefit	3.6													
SMART SCALE Cost	$86,729,832													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.4**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

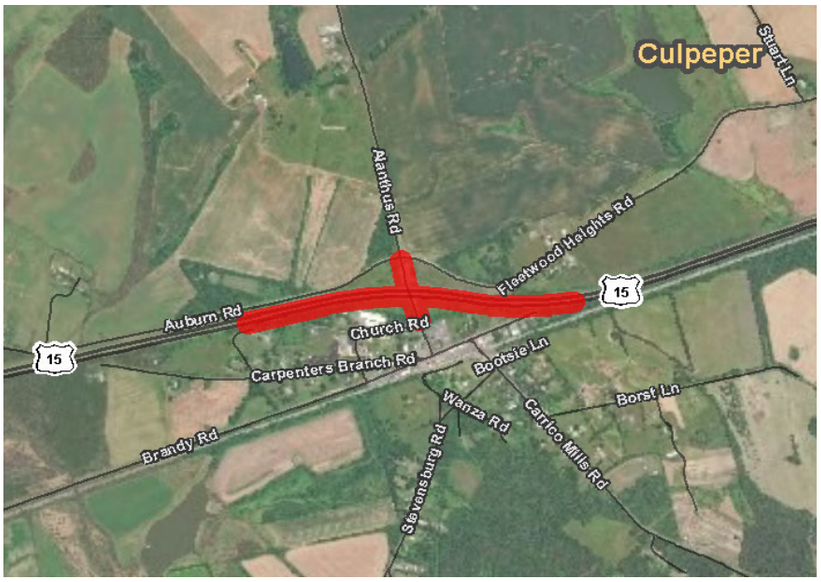
For more information on how to read a scorecard, click here.

Rt. 29/Rt. 663 Intersection Improvement, R-Cut Design

Project Id: 4136

Improve Intersection Functionality and Safety at Rt. 29/Rt. 663. Remove signalization to develop and R-Cut alternative design.

Submitting Entity: Culpeper County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Safety
(click here for details)



1.7
SMART SCALE SCORE

#230 OF 433 STATEWIDE

#28 OF 42 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$11,600,000**
Total Project Cost.....	**$11,600,000**
Project Benefit.....	**2.0**
Project Benefit / Total Cost.....	**1.7**

SMART SCALE Area Type D

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	0.4 person hrs.	30.6 EPDO	403.7 EPDO / 100M VMT	0.7 jobs per resident	0.7 jobs per resident	0.0 adjusted users	11,580.6 thousand adj sq. ft.	248,179.6 thousand adj daily tons	9,854,003.1 adj. buffer time index	0.0 adjusted points	1.2 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	8.8	0.8	0.0	0.0	0.0	0.1	5.3	0.2	0.0	3.7		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.0		4.8		0.0			1.1			1.8			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%		N/A	
Weighted Factor Value	0.0		1.4		0.0			0.4			0.2			
Project Benefit	2.0													
SMART SCALE Cost	$11,600,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.7**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

Roundabout - Route 3 and McDevitt Dr. Intersection

Project Id: 3756

Construct a roundabout at the McDevitt Drive and VA State Route 3 (Germanna Highway) intersection.

Submitting Entity: Culpeper Town
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Safety
(click here for details)

15.9
SMART SCALE SCORE

#22 OF 433 STATEWIDE

#1 OF 42 DISTRICTWIDE

SMART SCALE Requested Funds..... **$6,200,000**
Total Project Cost..... **$6,200,000**
Project Benefit..... **9.9**
Project Benefit / Total Cost..... **15.9**

SMART SCALE Area Type D

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	11.7 persons	5.1 person hrs.	34.5 EPDO	13,762.4 EPDO / 100M VMT	0.5 jobs per resident	0.5 jobs per resident	17.6 adjusted users	2,684,251.2 thousand adj sq. ft.	0.0 thousand adj daily tons	576,572.7 adj. buffer time index	23.4 adjusted points	8.1 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.1	9.9	28.4	0.0	0.0	0.1	13.7	0.0	0.0	0.2	24.7		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.1		19.1		0.0			8.2			12.4			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%		N/A	
Weighted Factor Value	0.0		5.7		0.0			2.9			1.2			
Project Benefit	9.9													
SMART SCALE Cost	$6,200,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**15.9**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

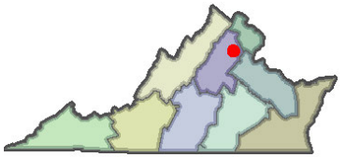
For more information on how to read a scorecard, click here.

Rt 28 & Schoolhouse Road (Rt 661) Intersection Improvements

Project Id: 3423

Realign the intersection of Schoolhouse Road (Rt 661) with Rt 28 to the north to improve the sight distance for safety and operational improvements. Add right and left turn lanes onto Rt 661 from Rt 28. Paved shoulders are added on Rt 28 and Rt 661.

Submitting Entity: Fauquier County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: CoSS
(click here for details)



1.1
SMART SCALE SCORE

#288 OF 433 STATEWIDE

#35 OF 42 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$5,000,000**
Total Project Cost.....	**$5,000,000**
Project Benefit.....	**0.5**
Project Benefit / Total Cost.....	**1.1**

SMART SCALE Area Type D

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	3.0 persons	0.1 person hrs.	2.8 EPDO	265.5 EPDO / 100M VMT	0.2 jobs per resident	0.2 jobs per resident	4.5 adjusted users	236,202.3 thousand adj sq. ft.	0.0 thousand adj daily tons	1,544,084.0 adj. buffer time index	6.0 adjusted points	0.4 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	0.8	0.5	0.0	0.0	0.0	1.2	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	N/A
Factor Value	0.0		0.7		0.0			0.7			0.7			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%		N/A	
Weighted Factor Value	0.0		0.2		0.0			0.3			0.1			
Project Benefit	0.5													
SMART SCALE Cost	$5,000,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.1**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

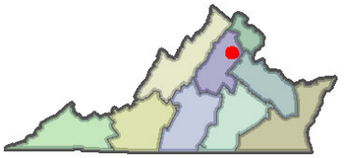
For more information on how to read a scorecard, click here.

Route 29/Freemans Ford Road Alternative Intersection

Project Id: 3444

Remove the existing signal at US 15/29 & Rt 651 and construct an RCUT intersection. Expand the Remington park and ride lot to accommodate more spaces since it's nearing capacity.

Submitting Entity: Fauquier County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Urban Development Area
(click here for details)



8.2
SMART SCALE SCORE

#47 OF 433 STATEWIDE

#3 OF 42 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$7,100,000**
Total Project Cost.....	**$7,100,000**
Project Benefit.....	**5.8**
Project Benefit / Total Cost.....	**8.2**

SMART SCALE Area Type D

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	16.8 persons	14.8 person hrs.	57.6 EPDO	6.6 EPDO / 100M VMT	45.9 jobs per resident	61.5 jobs per resident	67.2 adjusted users	1,536,044.2 thousand adj sq. ft.	113,398.8 thousand adj daily tons	1,853,677.7 adj. buffer time index	2,395.6 adjusted points	3.5 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.1	0.2	16.5	0.0	0.8	1.1	0.2	7.8	2.4	0.0	16.9	10.5		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.1		8.3		0.7			5.2			13.7			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%		N/A	
Weighted Factor Value	0.0		2.5		0.1			1.8			1.4			
Project Benefit	5.8													
SMART SCALE Cost	$7,100,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**8.2**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT · DRPT · Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

I-66, Exit 28 Reconstruction

Project Id: 3458

This project redesigns/reconfigures the Interstate 66 ramps at US 17 (Exit 28) to address safety and operational issues.

Submitting Entity: Fauquier County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Urban Development Area
(click here for details)

2.6
SMART SCALE SCORE

#168 OF 433 STATEWIDE

#19 OF 42 DISTRICTWIDE

SMART SCALE Requested Funds..... **$20,400,000**
Total Project Cost..... **$20,400,000**
Project Benefit..... **5.3**
Project Benefit / Total Cost..... **2.6**

SMART SCALE Area Type D

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	5.3 person hrs.	68.0 EPDO	3,230.3 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	671,270.5 thousand adj sq. ft.	0.0 thousand adj daily tons	3,288,124.3 adj. buffer time index	0.0 adjusted points	4.2 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.1	19.5	6.7	0.0	0.0	0.0	3.4	0.0	0.1	0.0	12.8		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.0		13.1		0.0			2.1			6.4			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%		N/A	
Weighted Factor Value	0.0		3.9		0.0			0.7			0.6			
Project Benefit	5.3													
SMART SCALE Cost	$20,400,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**2.6**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

Roundabout at Route 55 and Route 709

Project Id: 3461

Construct a ±130' diameter roundabout at Route 55 and Route 709 for safety and operational improvements.

Submitting Entity: Fauquier County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Urban Development Area
(click here for details)

1.2
SMART SCALE SCORE

#265 OF 433 STATEWIDE

#31 OF 42 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$6,700,000**
Total Project Cost.....	**$6,700,000**
Project Benefit.....	**0.8**
Project Benefit / Total Cost.....	**1.2**

SMART SCALE Area Type D

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	1.7 person hrs.	5.6 EPDO	1,449.3 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	36,980.1 thousand adj sq. ft.	0.0 thousand adj daily tons	169,514.0 adj. buffer time index	0.0 adjusted points	0.7 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	1.6	3.0	0.0	0.0	0.0	0.2	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	N/A
Factor Value	0.0		2.3		0.0			0.1			1.0			
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	$6,700,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.2**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

Turkeysag Trail (Route 1015) & Route 53 Roundabout

Project Id: 4496

This project constructs a single lane roundabout at the existing 3-leg intersection of Route 53 (Thomas Jefferson Parkway) and Route 1015 (Turkeysag Trail) in Fluvanna County.

Submitting Entity: Fluvanna County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Urban Development Area
(click here for details)

2.3
SMART SCALE SCORE

#189 OF 433 STATEWIDE

#22 OF 42 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$7,300,000**
Total Project Cost.....	**$7,300,000**
Project Benefit.....	**1.6**
Project Benefit / Total Cost.....	**2.3**

SMART SCALE Area Type C

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	18.3 persons	9.9 person hrs.	20.0 EPDO	2,599.8 EPDO / 100M VMT	0.2 jobs per resident	0.0 jobs per resident	54.9 adjusted users	0.0 thousand adj sq. ft.	0.0 thousand adj daily tons	0.0 adj. buffer time index	73.2 adjusted points	1.4 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.1	0.2	5.7	5.4	0.0	0.0	0.2	0.0	0.0	0.0	0.5	4.1		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.1		5.6		0.0			0.0			2.3			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%		N/A	
Weighted Factor Value	0.0		1.4		0.0			0.0			0.2			
Project Benefit	1.6													
SMART SCALE Cost	$7,300,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**2.3**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

Bybees Church Road (613) and Route 15 Intersection

Project Id: 4548

Intersection improvements at 15/613 in Fluvanna County consisting of a left turn lane addition on southbound Route 15 onto 613 (Bybees Church Road).

Submitting Entity: Fluvanna County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Safety
(click here for details)

1.1
SMART SCALE SCORE

#279 OF 433 STATEWIDE

#34 OF 42 DISTRICTWIDE

SMART SCALE Requested Funds..... **$4,900,000**
Total Project Cost..... **$4,900,000**
Project Benefit..... **0.5**
Project Benefit / Total Cost..... **1.1**

SMART SCALE Area Type C

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	0.0 person hrs.	6.7 EPDO	710.0 EPDO / 100M VMT	0.1 jobs per resident	0.1 jobs per resident	0.0 adjusted users	0.0 thousand adj sq. ft.	0.0 thousand adj daily tons	618,203.3 adj. buffer time index	161.0 adjusted points	0.5 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	1.9	1.5	0.0	0.0	0.0	0.0	0.0	0.0	1.1	1.4		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.0		1.7		0.0			0.0			1.3			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%		N/A	
Weighted Factor Value	0.0		0.4		0.0			0.0			0.1			
Project Benefit	0.5													
SMART SCALE Cost	$4,900,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.1**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

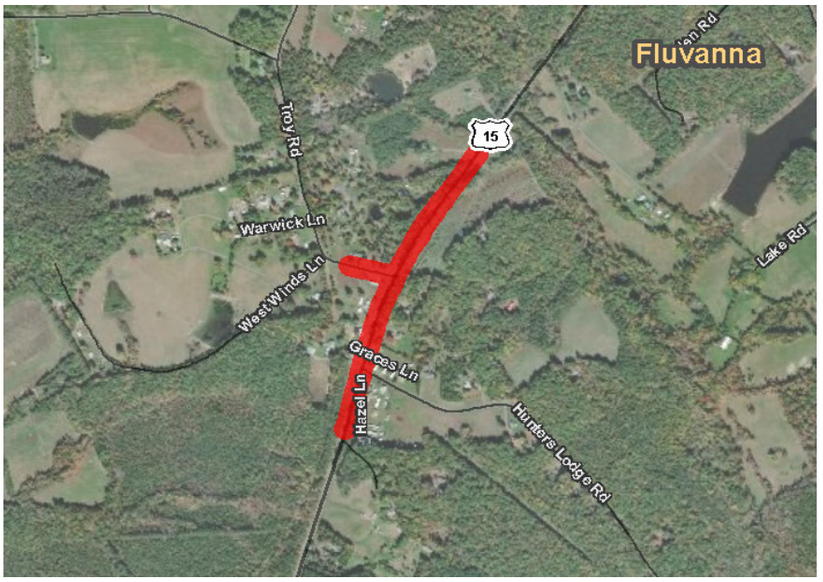
For more information on how to read a scorecard, click here.

Troy Road (631) and Route 15 Intersection

Project Id: 4707

Intersection improvements at 15/631 in Fluvanna County consisting of a left turn lane addition on northbound Route 15 onto 631 as well as resolving the sight distance issues of the crest curve north of the intersection.

Submitting Entity: Fluvanna County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Safety
(click here for details)



2.3
SMART SCALE SCORE

#181 OF 433 STATEWIDE

#20 OF 42 DISTRICTWIDE

SMART SCALE Requested Funds..... **$7,100,000**
Total Project Cost..... **$7,100,000**
Project Benefit..... **1.7**
Project Benefit / Total Cost..... **2.3**

SMART SCALE Area Type C															
Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	0.0 person hrs.	26.6 EPDO	1,918.4 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	0.0 thousand adj sq. ft.	0.0 thousand adj daily tons	1,996,706.6 adj. buffer time index	0.0 adjusted points	1.3 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	7.6	4.0	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	N/A
Factor Value	0.0		5.8		0.0			0.0			2.0			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%		N/A	
Weighted Factor Value	0.0		1.4		0.0			0.0			0.2			
Project Benefit	1.7													
SMART SCALE Cost	$7,100,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**2.3**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

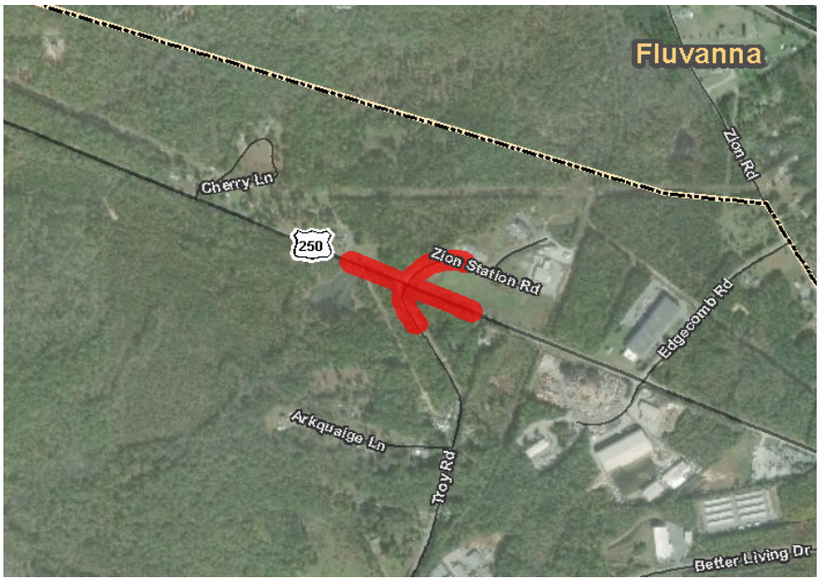
For more information on how to read a scorecard, click here.

Troy Road (631) and Route 250 Roundabout

Project Id: 4848

Constructs a roundabout at the existing four-leg intersection of Route 250 and 631 (Troy Road).

Submitting Entity: Fluvanna County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Safety
(click here for details)



3.7
SMART SCALE SCORE

#128 OF 433 STATEWIDE

#13 OF 42 DISTRICTWIDE

SMART SCALE Requested Funds..... **$6,650,000**
Total Project Cost..... **$6,650,000**
Project Benefit..... **2.5**
Project Benefit / Total Cost..... **3.7**

SMART SCALE Area Type C														
Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	0.2 person hrs.	13.6 EPDO	6,409.5 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	22,577.6 thousand adj sq. ft.	0.0 thousand adj daily tons	165,504.9 adj. buffer time index	0.0 adjusted points	2.0 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	3.9	13.2	0.0	0.0	0.0	0.1	0.0	0.0	0.0	6.1		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.0		8.6		0.0			0.1			3.1			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%		N/A	
Weighted Factor Value	0.0		2.1		0.0			0.0			0.3			
Project Benefit	2.5													
SMART SCALE Cost	$6,650,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**3.7**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

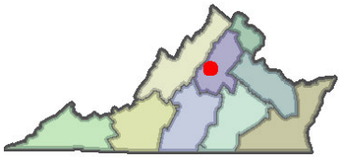
For more information on how to read a scorecard, click here.

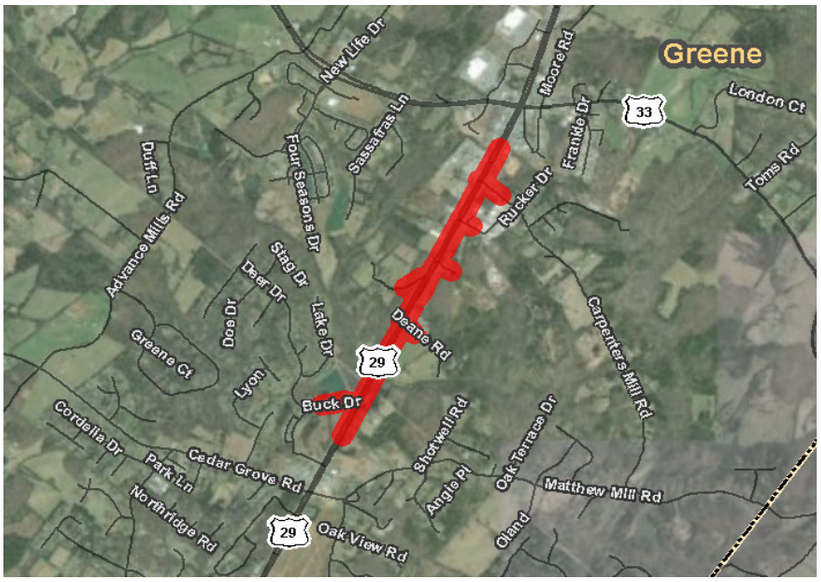
Route 29 Safety Improvements, from Buck Drive to Route 616

Project Id: 4054

Conversion of intersections along Route 29 from Buck Drive to Route 616 from full median openings to J-Turns / RCUTs at all intersections.

Submitting Entity: Greene County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Urban Development Area
(click here for details)





2.2
SMART SCALE SCORE

#197 OF 433 STATEWIDE

#25 OF 42 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$18,650,000**
Total Project Cost.....	**$18,650,000**
Project Benefit.....	**4.1**
Project Benefit / Total Cost.....	**2.2**

SMART SCALE Area Type C

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	0.4 person hrs.	51.2 EPDO	328.5 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	2,059,055.2 thousand adj sq. ft.	0.0 thousand adj daily tons	72,881,563.2 adj. buffer time index	0.0 adjusted points	3.2 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	14.7	0.7	0.0	0.0	0.0	10.5	0.0	1.7	0.0	9.7		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.0		7.7		0.0			6.6			4.9			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%		N/A	
Weighted Factor Value	0.0		1.9		0.0			1.7			0.5			
Project Benefit	4.1													
SMART SCALE Cost	$18,650,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**2.2**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

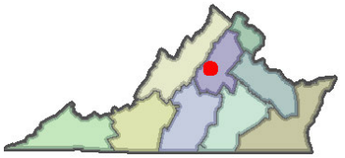
For more information on how to read a scorecard, click here.

Route 29 Safety Improvements, from Route 600 to Route 616

Project Id: 4280

Conversion of intersections along Route 29 from Route 600 to Route 616 from full median openings to J-Turns / RCUTs at all intersections.

Submitting Entity: Greene County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Urban Development Area
(click here for details)



1.5
SMART SCALE SCORE

#245 OF 433 STATEWIDE

#30 OF 42 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$9,900,000**
Total Project Cost.....	**$9,900,000**
Project Benefit.....	**1.4**
Project Benefit / Total Cost.....	**1.5**

SMART SCALE Area Type C

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	0.3 person hrs.	19.6 EPDO	199.2 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	603,890.2 thousand adj sq. ft.	0.0 thousand adj daily tons	38,365,572.2 adj. buffer time index	0.0 adjusted points	1.2 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	5.6	0.4	0.0	0.0	0.0	3.1	0.0	0.9	0.0	3.6		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.0		3.0		0.0			2.0			1.8			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%		N/A	
Weighted Factor Value	0.0		0.8		0.0			0.5			0.2			
Project Benefit	1.4													
SMART SCALE Cost	$9,900,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.5**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT · DRPT · Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

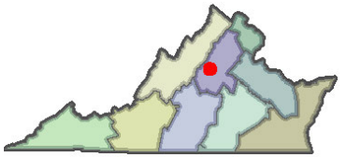
For more information on how to read a scorecard, click here.

Route 29 Safety Improvements, from Buck Drive to Route 600

Project Id: 4302

Conversion of intersections along Route 29 at Buck Drive and Route 600 from unsignalized median openings to J-Turns at both locations.

Submitting Entity: Greene County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Urban Development Area
(click here for details)



2.2
SMART SCALE SCORE

#191 OF 433 STATEWIDE

#23 OF 42 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$10,350,000**
Total Project Cost.....	**$10,350,000**
Project Benefit.....	**2.3**
Project Benefit / Total Cost.....	**2.2**

SMART SCALE Area Type C

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	0.1 person hrs.	19.3 EPDO	326.6 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	1,618,313.7 thousand adj sq. ft.	0.0 thousand adj daily tons	22,396,960.6 adj. buffer time index	0.0 adjusted points	1.8 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	5.5	0.7	0.0	0.0	0.0	8.2	0.0	0.5	0.0	5.4		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.0		3.1		0.0			5.0			2.7			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%		N/A	
Weighted Factor Value	0.0		0.8		0.0			1.3			0.3			
Project Benefit	2.3													
SMART SCALE Cost	$10,350,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**2.2**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT · DRPT · Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

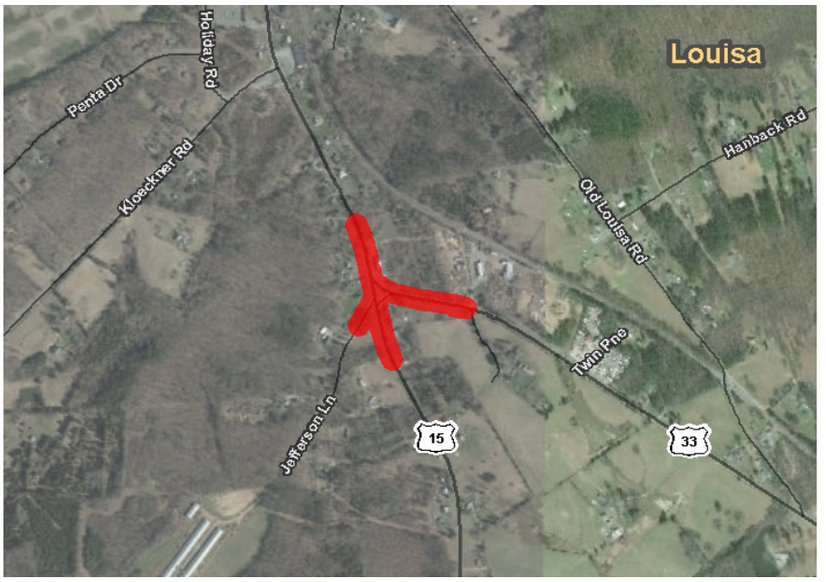
For more information on how to read a scorecard, click here.

Route 15-33 Intersection Improvements

Project Id: 4309

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

Submitting Entity: Louisa County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Safety
(click here for details)



0.4
SMART SCALE SCORE

#369 OF 433 STATEWIDE

#42 OF 42 DISTRICTWIDE

SMART SCALE Requested Funds..... **$6,575,000**
Total Project Cost..... **$6,575,000**
Project Benefit..... **0.3**
Project Benefit / Total Cost..... **0.4**

SMART SCALE Area Type C

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	6.0 persons	1.1 person hrs.	1.6 EPDO	220.5 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	9.0 adjusted users	0.0 thousand adj sq. ft.	0.0 thousand adj daily tons	0.0 adj. buffer time index	329.0 adjusted points	0.2 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	0.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	2.3	0.7		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.0		0.5		0.0			0.0			1.5			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%		N/A	
Weighted Factor Value	0.0		0.1		0.0			0.0			0.1			
Project Benefit	0.3													
SMART SCALE Cost	$6,575,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.4**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT · DRPT · Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

New Bridge Road (Rte 208) & Kentucky Springs Road (Rte 652)

Project Id: 4961

Improvements to the intersection of New Bridge Road (Rte 208) & Kentucky Springs Road (Rte 652).

Submitting Entity: Louisa County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Safety
(click here for details)

0.7
SMART SCALE SCORE

#334 OF 433 STATEWIDE

#38 OF 42 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$9,500,000**
Total Project Cost.....	**$9,500,000**
Project Benefit.....	**0.6**
Project Benefit / Total Cost.....	**0.7**

SMART SCALE Area Type C

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	7.0 persons	1.1 person hrs.	4.8 EPDO	726.1 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	10.5 adjusted users	257,902.5 thousand adj sq. ft.	0.0 thousand adj daily tons	185,096.9 adj. buffer time index	14.1 adjusted points	0.5 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	1.4	1.5	0.0	0.0	0.0	1.3	0.0	0.0	0.1	1.6		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.0		1.4		0.0			0.8			0.9			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%		N/A	
Weighted Factor Value	0.0		0.4		0.0			0.2			0.1			
Project Benefit	0.6													
SMART SCALE Cost	$9,500,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.7**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

Davis Hwy (Rte 22) & Industrial Drive (Rte 780)

Project Id: 4987

Intersection improvements at Route 22 and Industrial Drive (Route 780) in Louisa County involving the addition of a left turn lane on westbound 22 onto Route 780.

Submitting Entity: Louisa County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Safety
(click here for details)

0.4
SMART SCALE SCORE

#366 OF 433 STATEWIDE

#40 OF 42 DISTRICTWIDE

SMART SCALE Requested Funds..... **$4,550,000**
Total Project Cost..... **$4,550,000**
Project Benefit..... **0.2**
Project Benefit / Total Cost..... **0.4**

SMART SCALE Area Type C															
Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	0.0 person hrs.	0.3 EPDO	53.8 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	192,070.7 thousand adj sq. ft.	0.0 thousand adj daily tons	122,669.2 adj. buffer time index	0.0 adjusted points	0.2 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	0.1	0.1	0.0	0.0	0.0	1.0	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	N/A
Factor Value	0.0		0.1		0.0			0.6			0.2			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%		N/A	
Weighted Factor Value	0.0		0.0		0.0			0.1			0.0			
Project Benefit	0.2													
SMART SCALE Cost	$4,550,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.4**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

3 Notch Rd (Rte 250) & Courthouse Rd (Rte 208)

Project Id: 4992

Intersection improvements at 3 Notch Rd (Rte 250) & Courthouse Rd (Rte 208) - Conversion to a Roundabout

Submitting Entity: Louisa County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Safety
(click here for details)

4.8
SMART SCALE SCORE

#97 OF 433 STATEWIDE

#9 OF 42 DISTRICTWIDE

SMART SCALE Requested Funds..... **$8,750,000**
Total Project Cost..... **$8,750,000**
Project Benefit..... **4.2**
Project Benefit / Total Cost..... **4.8**

SMART SCALE Area Type C

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	2.8 persons	1.0 person hrs.	18.4 EPDO	10,957.3 EPDO / 100M VMT	0.1 jobs per resident	0.1 jobs per resident	4.2 adjusted users	274,851.3 thousand adj sq. ft.	0.0 thousand adj daily tons	282,112.3 adj. buffer time index	5.6 adjusted points	3.5 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	5.3	22.6	0.0	0.0	0.0	1.4	0.0	0.0	0.0	10.6		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.0		13.9		0.0			0.8			5.3			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%		N/A	
Weighted Factor Value	0.0		3.5		0.0			0.2			0.5			
Project Benefit	4.2													
SMART SCALE Cost	$8,750,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**4.8**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

Route 29 & Route 662 (Shelby Rd.) Intersection Improvements

Project Id: 4107

Installation of a Restricted Crossing U-Turn (RCUT) at the intersection of U.S. 29 and Route 662 (Shelby Road). The project has an existing UPC #109587 and will provide additional funding required to complete the project.

Submitting Entity: Madison County
Preliminary Engineering: Underway
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Safety
(click here for details)

6.8
SMART SCALE SCORE

#65 OF 433 STATEWIDE

#5 OF 42 DISTRICTWIDE

SMART SCALE Requested Funds..... **$2,980,000**
Total Project Cost..... **$4,750,000**
Project Benefit..... **2.0**
Project Benefit / Total Cost..... **4.2**

SMART SCALE Area Type D

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	0.0 person hrs.	24.2 EPDO	2,290.0 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	8,113.3 thousand adj sq. ft.	0.0 thousand adj daily tons	1,479,463.4 adj. buffer time index	0.0 adjusted points	1.7 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	6.9	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.1		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.0		5.8		0.0			0.0			2.5			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%		N/A	
Weighted Factor Value	0.0		1.7		0.0			0.0			0.3			
Project Benefit	2.0													
SMART SCALE Cost	$2,980,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**6.8**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

Route 230 & Route 687 Intersection Improvements

Project Id: 4115

This project will install an approximately 130' roundabout at the intersection of Route 230 (Orange Road), Route 231, and Route 687 (Fairgrounds Road) in the Pratts area of Madison County.

Submitting Entity: Madison County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Safety
(click here for details)

4.3
SMART SCALE SCORE

#108 OF 433 STATEWIDE

#10 OF 42 DISTRICTWIDE

SMART SCALE Requested Funds..... **$7,000,000**
Total Project Cost..... **$7,000,000**
Project Benefit..... **3.0**
Project Benefit / Total Cost..... **4.3**

SMART SCALE Area Type D

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	0.9 person hrs.	18.4 EPDO	5,865.3 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	40,310.3 thousand adj sq. ft.	0.0 thousand adj daily tons	186,344.3 adj. buffer time index	0.0 adjusted points	2.5 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	5.3	12.1	0.0	0.0	0.0	0.2	0.0	0.0	0.0	7.6		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.0		8.7		0.0			0.1			3.8			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%		N/A	
Weighted Factor Value	0.0		2.6		0.0			0.0			0.4			
Project Benefit	3.0													
SMART SCALE Cost	$7,000,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**4.3**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

US 522 / Route 20 roundabout

Project Id: 3959

This project converts an existing 4-way signalized intersection between two rural primary highways in Orange County (US 522 and Route 20) into a roundabout.

Submitting Entity: Orange County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Safety
(click here for details)

4.3
SMART SCALE SCORE

#110 OF 433 STATEWIDE

#11 OF 42 DISTRICTWIDE

SMART SCALE Requested Funds..... **$7,650,000**
Total Project Cost..... **$7,650,000**
Project Benefit..... **3.3**
Project Benefit / Total Cost..... **4.3**

SMART SCALE Area Type D

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	8.8 persons	0.0 person hrs.	35.4 EPDO	4,038.5 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	13.2 adjusted users	100,499.7 thousand adj sq. ft.	0.0 thousand adj daily tons	964,210.5 adj. buffer time index	0.0 adjusted points	2.7 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	10.2	8.3	0.0	0.0	0.0	0.5	0.0	0.0	0.0	8.2		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.0		9.2		0.0			0.3			4.1			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%		N/A	
Weighted Factor Value	0.0		2.8		0.0			0.1			0.4			
Project Benefit	3.3													
SMART SCALE Cost	$7,650,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**4.3**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT · DRPT · Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

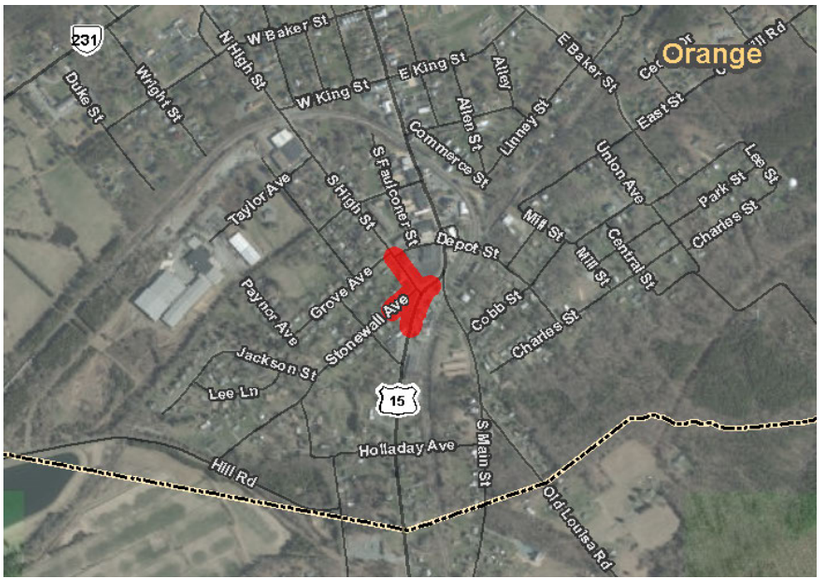
For more information on how to read a scorecard, click here.

Gordonsville US 15/33 / High St roundabout

Project Id: 3973

This project would convert the unsignalized intersection of US 15/33 / High St (Route 1006) / Stonewall Ave (Route 1017) in the Town of Gordonsville into a 4-leg roundabout.

Submitting Entity: Orange County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Urban Development Area
(click here for details)



0.7
SMART SCALE SCORE

#319 OF 433 STATEWIDE

#36 OF 42 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$6,300,000**
Total Project Cost.....	**$6,300,000**
Project Benefit.....	**0.5**
Project Benefit / Total Cost.....	**0.7**

SMART SCALE Area Type D

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	7.1 persons	0.7 person hrs.	2.4 EPDO	733.0 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	10.6 adjusted users	0.0 thousand adj sq. ft.	0.0 thousand adj daily tons	150,623.0 adj. buffer time index	230.2 adjusted points	0.4 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	0.7	1.5	0.0	0.0	0.0	0.0	0.0	0.0	1.6	1.1		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.0		1.1		0.0			0.0			1.4			
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	$6,300,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.7**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT · DRPT · Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

Gordonsville Route 231 / High St roundabout

Project Id: 3977

This project would convert the T-intersection of Route 231 and High St (Route 1006) in the Town of Gordonsville into a 3-leg roundabout.

Submitting Entity: Orange County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Urban Development Area
(click here for details)

3.7
SMART SCALE SCORE

#131 OF 433 STATEWIDE

#14 OF 42 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$6,350,000**
Total Project Cost.....	**$6,350,000**
Project Benefit.....	**2.3**
Project Benefit / Total Cost.....	**3.7**

SMART SCALE Area Type D

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	6.7 persons	0.7 person hrs.	17.4 EPDO	3,981.0 EPDO / 100M VMT	0.5 jobs per resident	0.7 jobs per resident	10.1 adjusted users	0.0 thousand adj sq. ft.	0.0 thousand adj daily tons	804,211.7 adj. buffer time index	217.4 adjusted points	1.8 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	5.0	8.2	0.0	0.0	0.0	0.0	0.0	0.0	1.5	5.3		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.0		6.6		0.0			0.0			3.4			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%		N/A	
Weighted Factor Value	0.0		2.0		0.0			0.0			0.3			
Project Benefit	2.3													
SMART SCALE Cost	$6,350,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**3.7**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT · DRPT · Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

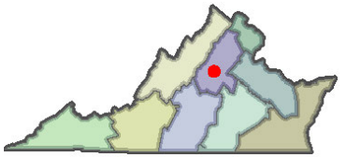
For more information on how to read a scorecard, click here.

US 33 / Route 20 east roundabout

Project Id: 4104

This project would convert the existing eastern T-intersection of US 33 and Route 20 in Barboursville into a 3-leg roundabout, and add access management to the adjacent US 33 / Route 738 intersection.

Submitting Entity: Orange County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Safety
(click here for details)



6.8
SMART SCALE SCORE

#64 OF 433 STATEWIDE

#4 OF 42 DISTRICTWIDE

SMART SCALE Requested Funds..... **$5,500,000**
Total Project Cost..... **$5,500,000**
Project Benefit..... **3.8**
Project Benefit / Total Cost..... **6.8**

SMART SCALE Area Type D														
Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	6.8 persons	0.7 person hrs.	32.6 EPDO	6,304.1 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	10.2 adjusted users	24,971.1 thousand adj sq. ft.	0.0 thousand adj daily tons	517,124.8 adj. buffer time index	13.6 adjusted points	2.4 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	9.3	13.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1	7.4		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.0		11.2		0.0			0.1			3.8			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%		N/A	
Weighted Factor Value	0.0		3.4		0.0			0.0			0.4			
Project Benefit	3.8													
SMART SCALE Cost	$5,500,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**6.8**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

Route 20 / Route 611 roundabout

Project Id: 4243

This project would convert the existing 4-way signalized intersection of Route 20 and Route 611 in Locust Grove into a 4-leg roundabout.

Submitting Entity: Orange County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Safety
(click here for details)

3.5
SMART SCALE SCORE

#138 OF 433 STATEWIDE

#15 OF 42 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$6,850,000**
Total Project Cost.....	**$6,850,000**
Project Benefit.....	**2.4**
Project Benefit / Total Cost.....	**3.5**

SMART SCALE Area Type D

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	1.5 persons	0.0 person hrs.	25.2 EPDO	3,076.9 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	2.2 adjusted users	93,197.0 thousand adj sq. ft.	0.0 thousand adj daily tons	1,064,701.3 adj. buffer time index	0.0 adjusted points	1.6 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	7.2	6.4	0.0	0.0	0.0	0.5	0.0	0.0	0.0	4.7		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.0		6.8		0.0			0.3			2.3			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%		N/A	
Weighted Factor Value	0.0		2.0		0.0			0.1			0.2			
Project Benefit	2.4													
SMART SCALE Cost	$6,850,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**3.5**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT · DRPT · Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

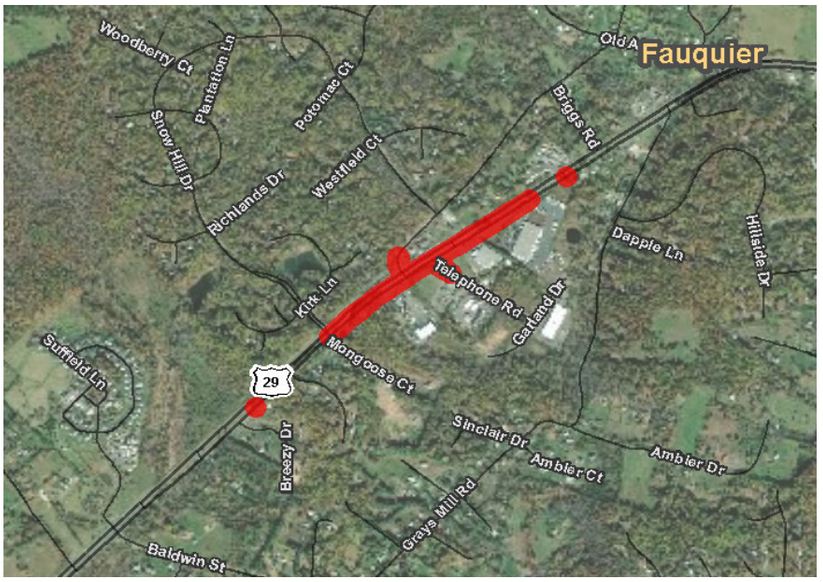
For more information on how to read a scorecard, click here.

Route 29/Telephone Road Signalized Alternative Intersection

Project Id: 3572

Construct a signalized RCUT on US 15/29 with the intersections of Old Alexandria Turnpike (Route 693) and Telephone Road (Route 838) for safety and operational improvements.

Submitting Entity: Rappahannock - Rapidan Regional Commission
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Statewide High Priority
VTRANS Need: CoSS
(click here for details)



2.0
SMART SCALE SCORE

#204 OF 433 STATEWIDE

#26 OF 42 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$6,650,000**
Total Project Cost.....	**$6,650,000**
Project Benefit.....	**1.3**
Project Benefit / Total Cost.....	**2.0**

SMART SCALE Area Type D

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	0.7 person hrs.	22.8 EPDO	298.6 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	82,709.9 thousand adj sq. ft.	0.0 thousand adj daily tons	20,114,389.7 adj. buffer time index	0.0 adjusted points	1.0 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	6.5	0.6	0.0	0.0	0.0	0.4	0.0	0.5	0.0	3.0		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.0		3.6		0.0			0.3			1.5			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%		N/A	
Weighted Factor Value	0.0		1.1		0.0			0.1			0.1			
Project Benefit	1.3													
SMART SCALE Cost	$6,650,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**2.0**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT · DRPT · Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

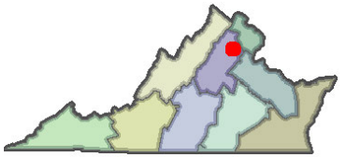
For more information on how to read a scorecard, click here.

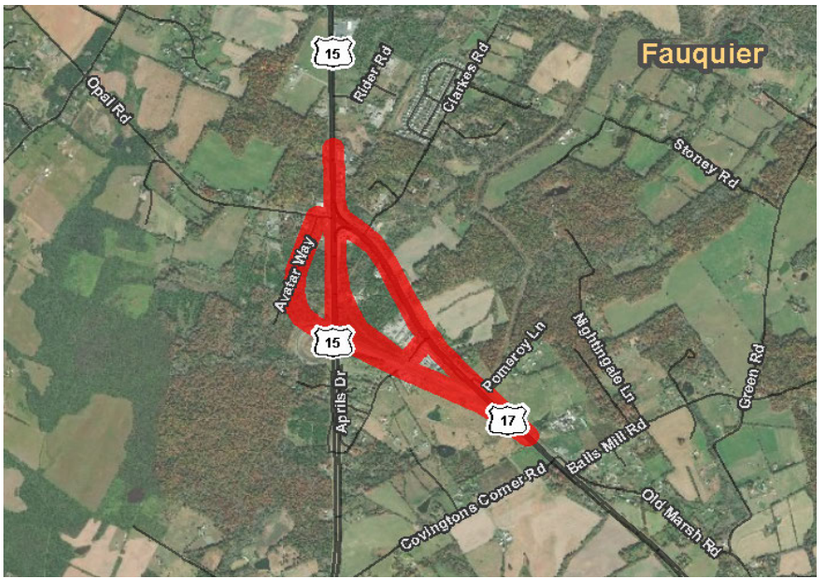
Opal Interchange

Project Id: 4084

Construct the northern half of the Opal interchange at US 17 and US 15/29. Remove the signal at US 15/29 and Opal Road. Construct an overpass at Rt 687 and US 17 and construct essential road network to maintain access.

Submitting Entity: Rappahannock - Rapidan Regional Commission
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Statewide High Priority
VTRANS Need: CoSS
(click here for details)





1.2
SMART SCALE SCORE

#272 OF 433 STATEWIDE

#33 OF 42 DISTRICTWIDE

SMART SCALE Requested Funds..... **$42,000,000**
Total Project Cost..... **$42,000,000**
Project Benefit..... **4.9**
Project Benefit / Total Cost..... **1.2**

SMART SCALE Area Type D														
Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	0.0 person hrs.	81.6 EPDO	1,232.8 EPDO / 100M VMT	0.1 jobs per resident	0.1 jobs per resident	0.0 adjusted users	416,216.8 thousand adj sq. ft.	0.0 thousand adj daily tons	19,063,259.7 adj. buffer time index	0.0 adjusted points	3.8 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	23.4	2.5	0.0	0.0	0.0	2.1	0.0	0.4	0.0	11.5		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.0		13.0		0.0			1.4			5.7			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%		N/A	
Weighted Factor Value	0.0		3.9		0.0			0.5			0.6			
Project Benefit	4.9													
SMART SCALE Cost	$42,000,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.2**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

Exit 107 Park and Ride Lot

Project Id: 4095

Construct a park and Ride lot on US 250 just west of I-64 Exit 107 in Crozet VA.

Submitting Entity: Thomas Jefferson Planning District Commission
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Statewide High Priority
VTRANS Need: CoSS
(click here for details)

2.2
SMART SCALE SCORE

#195 OF 433 STATEWIDE

#24 OF 42 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$2,400,000**
Total Project Cost.....	**$2,400,000**
Project Benefit.....	**0.5**
Project Benefit / Total Cost.....	**2.2**

SMART SCALE Area Type C

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	4.8 persons	1.0 person hrs.	0.8 EPDO	0.2 EPDO / 100M VMT	1.8 jobs per resident	2.4 jobs per resident	24.0 adjusted users	0.0 thousand adj sq. ft.	0.0 thousand adj daily tons	333,529.9 adj. buffer time index	1,138.2 adjusted points	0.4 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	0.2	0.0	0.0	0.0	0.1	0.0	0.0	0.0	8.0	1.1		
Measure Weight (% of Factor)	50%	50%	100%	0%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.0		0.2		0.0			0.0			4.6			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%		N/A	
Weighted Factor Value	0.0		0.1		0.0			0.0			0.5			
Project Benefit	0.5													
SMART SCALE Cost	$2,400,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**2.2**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT · DRPT · Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

Route 29 Shared Use Path

Project Id: 4110

Construct a new shared use path along the east side of US-29 in Albemarle County

Submitting Entity: Thomas Jefferson Planning District Commission
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Statewide High Priority
VTRANS Need: CoSS
(click here for details)

1.7
SMART SCALE SCORE

#234 OF 433 STATEWIDE

#29 OF 42 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$3,750,000**
Total Project Cost.....	**$3,750,000**
Project Benefit.....	**0.6**
Project Benefit / Total Cost.....	**1.7**

SMART SCALE Area Type B

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	13.6 persons	0.0 person hrs.	9.8 EPDO	228.8 EPDO / 100M VMT	16.3 jobs per resident	20.5 jobs per resident	40.7 adjusted users	97,442.8 thousand adj sq. ft.	0.0 thousand adj daily tons	5,310,755.8 adj. buffer time index	0.0 adjusted points	0.5 scaled points	12,093.4 access * pop/emp density.h	2,838.7 access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	2.8	0.5	0.3	0.4	0.1	0.5	0.0	0.1	0.0	1.6	0.9	0.8
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.0		1.6		0.3			0.3			0.8		0.9	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%		10%	
Weighted Factor Value	0.0		0.3		0.1			0.1			0.1		0.1	
Project Benefit	0.6													
SMART SCALE Cost	$3,750,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.7**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

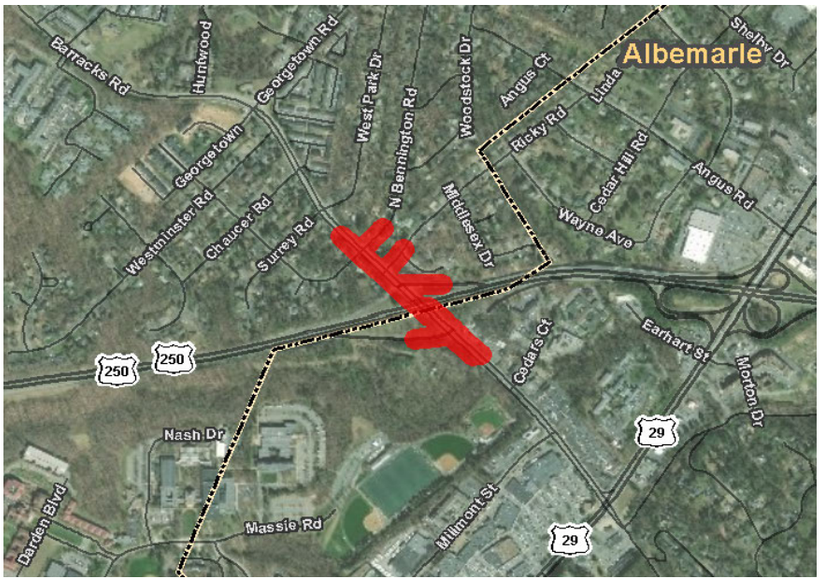
For more information on how to read a scorecard, click here.

Barracks Road Turn Lane and Sidewalk

Project Id: 4116

Add a right turn lane on eastbound Barracks road onto the existing US 250/29 south bound bypass on-ramp, and sidewalk along the eastbound side of Barracks Road.

Submitting Entity: Thomas Jefferson Planning District Commission
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Statewide High Priority
VTRANS Need: Regional Network
(click here for details)



3.1
SMART SCALE SCORE

#148 OF 433 STATEWIDE

#16 OF 42 DISTRICTWIDE

SMART SCALE Requested Funds..... **$4,600,000**
Total Project Cost..... **$4,600,000**
Project Benefit..... **1.4**
Project Benefit / Total Cost..... **3.1**

SMART SCALE Area Type B

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	26.3 persons	0.0 person hrs.	13.4 EPDO	722.2 EPDO / 100M VMT	12.7 jobs per resident	20.0 jobs per resident	131.4 adjusted users	32,436.8 thousand adj sq. ft.	0.0 thousand adj daily tons	961,204.8 adj. buffer time index	0.0 adjusted points	1.2 scaled points	86,369.3 access * pop/emp density.h	18,482.7 access * pop/emp density change.
Normalized Measure Value (0-100)	0.1	0.0	3.8	1.5	0.2	0.3	0.5	0.2	0.0	0.0	0.0	3.5	6.5	5.2
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.0		2.7		0.3			0.1			1.8		6.1	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%		10%	
Weighted Factor Value	0.0		0.5		0.1			0.0			0.2		0.6	
Project Benefit	1.4													
SMART SCALE Cost	$4,600,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**3.1**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

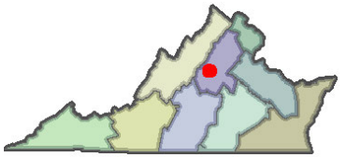
For more information on how to read a scorecard, click here.

US29 and Frays Mill RCUT

Project Id: 4312

Reconfigure the existing signalized intersection at US29 and Frays Mill Road to a RCUT intersection.

Submitting Entity: Thomas Jefferson Planning District Commission
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Statewide High Priority
VTRANS Need: Regional Network
(click here for details)



1.9
SMART SCALE SCORE

#215 OF 433 STATEWIDE

#27 OF 42 DISTRICTWIDE

SMART SCALE Requested Funds..... **$7,600,000**
Total Project Cost..... **$7,600,000**
Project Benefit..... **1.5**
Project Benefit / Total Cost..... **1.9**

SMART SCALE Area Type B														
Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	0.0 person hrs.	31.2 EPDO	384.7 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	454,022.6 thousand adj sq. ft.	0.0 thousand adj daily tons	21,086,147.7 adj. buffer time index	0.0 adjusted points	1.2 scaled points	349.9 access * pop/emp density.h	57.0 access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	8.9	0.8	0.0	0.0	0.0	2.3	0.0	0.5	0.0	3.7	0.0	0.0
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.0		4.9		0.0			1.5			1.8		0.0	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%		10%	
Weighted Factor Value	0.0		1.0		0.0			0.3			0.2		0.0	
Project Benefit	1.5													
SMART SCALE Cost	$7,600,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.9**													

FREDERICKSBURG DISTRICT

SMART SCALE | *Funding the Right Transportation Projects in Virginia*

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

Project Id	Project Name	Organization	District Rank	State Rank	Page #
3488	Route 301 University Drive/Market Ctr Double RCUT	King George County	1	32	03-18
3685	FRED Transit-Shelters and Benches	Fredericksburg Regional Transit	2	42	03-10
3620	Lafayette Blvd/Kenmore Ave/Charles St Roundabouts	Fredericksburg City	3	78	03-07
3486	Route 301 and Route 3 Median U-Turn Intersection	King George County	4	86	03-17
4555	New Commuter Parking Lot on Route 3	Fredericksburg Regional Transit	5	91	03-11
3580	Bicycle/Pedestrian Improvements on Rte 17B -Main St	Gloucester County	6	118	03-16
3622	Dixon Street/Lansdowne Road Intersection Improvements	Fredericksburg City	7	119	03-09
3878	Route 3 STARS Study Improvements	George Washington Regional Commission	8	163	03-12
3880	Rt 3 STARS Study and I-95 off-ramp imp.	George Washington Regional Commission	9	167	03-13
3881	US 17 Bus. STARS Study Improvements and New PNR Lot	George Washington Regional Commission	10	174	03-14
3621	U.S. Route 1/Fall Hill Avenue Intersection Improvements	Fredericksburg City	11	185	03-08
3651	Stefaniga and Mountain View Road Intersection Improvement	Stafford County	12	200	03-30
3489	Route 206 and Route 218 Right Turn Lane	King George County	13	227	03-19
3816	Harrison Rd & Salem Church	Spotsylvania County	14	232	03-24
4630	Kilmarnock Right Turn Lane	Lancaster County	15	247	03-21
3824	Rt 2 & 17 from Lansdowne Rd past Shannon Airport	Spotsylvania County	16	260	03-26
3494	Expanded Turn Lane for Flat Iron Road	Westmoreland County	17	274	03-32
3819	Rt 1 and Rt 208/Lafayette Blvd	Spotsylvania County	18	284	03-25
3851	I-95 Exit 126 STARS Study Improvements	Fredericksburg Area Metropolitan Planning Organization	19	293	03-04
3709	Route 301 and Route 206 Median U-Turn Intersection	King George County	20	295	03-20
3648	1. Stafford - Route 1/Enon Road Intersection and Roadway IMP	Stafford County	21	303	03-27
3852	I-95 NB Widening & Exit 126 STARS Improvements	Fredericksburg Area Metropolitan Planning Organization	22	316	03-05
3927	SMART SCALE: Route 360/619 - Richmond County	Richmond County	23	329	03-22
3612	I-95 SB Widening: Exit 130 to Exit 126	Fredericksburg Area Metropolitan Planning Organization	24	331	03-03
5013	I-95 SB Widening with Exit 126 SB Aux. Deceleration Lane	Fredericksburg Area Metropolitan Planning Organization	25	333	03-06

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

Project Id	Project Name	Organization	District Rank	State Rank	Page #
4267	I-95 Exit 136, Centreport Pkwy, US 1 & Enon Rd Improvements	George Washington Regional Commission	26	370	03-15
3492	Passing Lanes on Route 3 near Lerty	Westmoreland County	27	378	03-31
3649	Winding Creek Road Widening	Stafford County	28	396	03-28
3813	Germanna Point Dr & Spotsylvania Avenue	Spotsylvania County	29	397	03-23
4080	I-95/207Safety Improvements	Caroline County	30	410	03-01
4081	Bowling Green Route 301 Corridor Safety Improvements	Caroline County	31	411	03-02
3650	Eskimo Hill Roadway Improvement	Stafford County	32	418	03-29

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

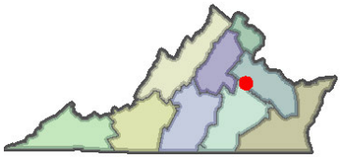
For more information on how to read a scorecard, click here.

I-95/207Safety Improvements

Project Id: 4080

Reconstruction and signalization of southbound on/off ramps at the I-95/Route 207 interchange to eliminate rollover hazard on the southbound on ramps, and reduce tractor trailer congestion and conflicting turn movements on Route 207.

Submitting Entity: Caroline County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: CoSS
(click here for details)



0.2
SMART SCALE SCORE

#410 OF 433 STATEWIDE

#30 OF 32 DISTRICTWIDE

SMART SCALE Requested Funds..... **$9,900,000**
Total Project Cost..... **$9,900,000**
Project Benefit..... **0.2**
Project Benefit / Total Cost..... **0.2**

SMART SCALE Area Type D														
Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	0.0 person hrs.	2.1 EPDO	141.8 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	0.0 thousand adj sq. ft.	0.0 thousand adj daily tons	1,798,761.8 adj. buffer time index	0.0 adjusted points	0.1 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	0.6	0.3	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	N/A
Factor Value	0.0		0.4		0.0			0.0			0.2			
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	0.2													
SMART SCALE Cost	$9,900,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.2**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

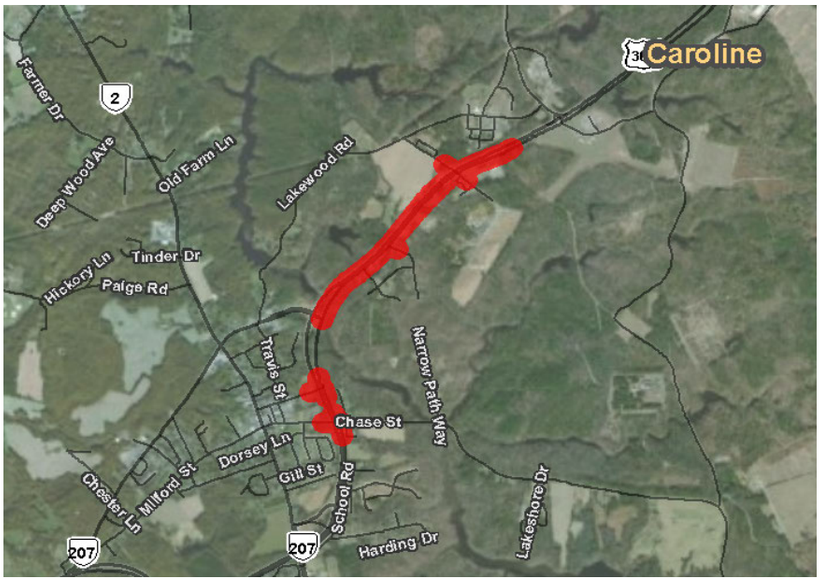
For more information on how to read a scorecard, click here.

Bowling Green Route 301 Corridor Safety Improvements

Project Id: 4081

To improve crossovers #15- #19 of the US 301/Route 207 Arterial Preservation Plan.

Submitting Entity: Caroline County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Safety
(click here for details)



0.1
SMART SCALE SCORE

#411 OF 433 STATEWIDE

#31 OF 32 DISTRICTWIDE

SMART SCALE Requested Funds..... **$9,900,000**
Total Project Cost..... **$9,900,000**
Project Benefit..... **0.1**
Project Benefit / Total Cost..... **0.1**

SMART SCALE Area Type D														
Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	0.0 person hrs.	2.0 EPDO	57.9 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	15,689.3 thousand adj sq. ft.	0.0 thousand adj daily tons	3,145,385.5 adj. buffer time index	0.0 adjusted points	0.1 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	0.6	0.1	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.3		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.0		0.4		0.0			0.1			0.2			
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	$9,900,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.1**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

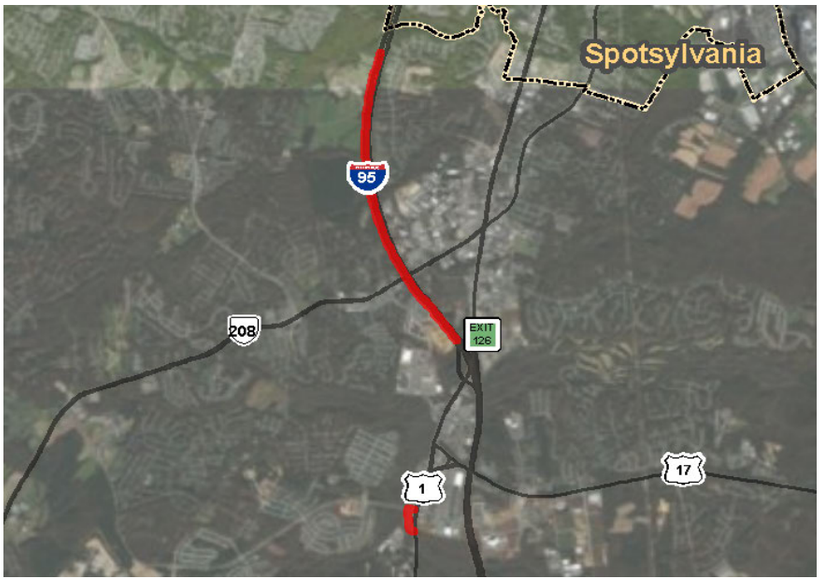
For more information on how to read a scorecard, click here.

I-95 SB Widening: Exit 130 to Exit 126

Project Id: 3612

Widen southbound I-95 from 3 to 4 lanes between future terminus of I-95 SB Rappahannock River Crossing and Exit 126, construct bike/ped improvement near future Commonwealth Drive commuter parking lot, and implement parking demand management system.

Submitting Entity: Fredericksburg Area Metropolitan Planning Organization
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Statewide High Priority
VTRANS Need: CoSS
(click here for details)



0.7
SMART SCALE SCORE

#331 OF 433 STATEWIDE

#24 OF 32 DISTRICTWIDE

SMART SCALE Requested Funds..... **$34,320,000**
Total Project Cost..... **$34,320,000**
Project Benefit..... **2.4**
Project Benefit / Total Cost..... **0.7**

SMART SCALE Area Type A														
Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	54.4 persons	12.2 person hrs.	39.2 EPDO	70.8 EPDO / 100M VMT	25.8 jobs per resident	34.6 jobs per resident	62.0 adjusted users	558,039.0 thousand adj sq. ft.	845,864.2 thousand adj daily tons	387,841,015.8 adj. buffer time index	2,468.9 adjusted points	1.9 scaled points	26,376.6 access * pop/emp density.h	9,639.4 access * pop/emp density change.
Normalized Measure Value (0-100)	0.2	0.2	11.2	0.1	0.5	0.6	0.2	2.8	17.9	8.9	17.4	5.7	2.0	2.7
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.2		5.7		0.4			7.1			11.5		2.2	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%		20%	
Weighted Factor Value	0.1		0.3		0.1			0.4			1.2		0.4	
Project Benefit	2.4													
SMART SCALE Cost	$34,320,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.7**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT · DRPT · Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

I-95 Exit 126 STARS Study Improvements

Project Id: 3851

Operational and safety improvements including widening US 1 to 6 lanes between the I-95 ramps, a second NB US 1 left turn lane onto I-95, I-95 NB on-ramp widening, and bike/ped improvements.

Submitting Entity: Fredericksburg Area Metropolitan Planning Organization
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Statewide High Priority
VTRANS Need: CoSS
(click here for details)

1.0
SMART SCALE SCORE

#293 OF 433 STATEWIDE

#19 OF 32 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$28,320,000**
Total Project Cost.....	**$28,320,000**
Project Benefit.....	**2.9**
Project Benefit / Total Cost.....	**1.0**

SMART SCALE Area Type A

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	54.0 persons	46.1 person hrs.	95.0 EPDO	366.9 EPDO / 100M VMT	6.3 jobs per resident	6.9 jobs per resident	270.0 adjusted users	423,254.6 thousand adj sq. ft.	390,229.7 thousand adj daily tons	381,388,608.7 adj. buffer time index	2,747.0 adjusted points	2.4 scaled points	22,514.1 access * pop/emp density.h	8,752.4 access * pop/emp density change.
Normalized Measure Value (0-100)	0.2	0.7	27.2	0.8	0.1	0.1	1.0	2.2	8.3	8.7	19.4	7.2	1.7	2.5
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.5		14.0		0.3			4.7			13.3		1.9	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%		20%	
Weighted Factor Value	0.2		0.7		0.0			0.2			1.3		0.4	
Project Benefit	2.9													
SMART SCALE Cost	$28,320,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.0**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

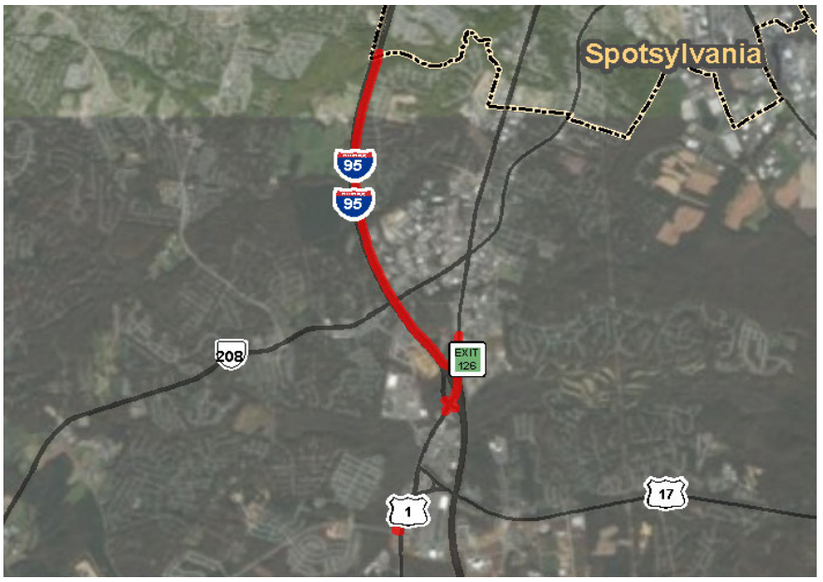
For more information on how to read a scorecard, click here.

I-95 NB Widening & Exit 126 STARS Improvements

Project Id: 3852

Widen NB I-95 between Exit 126 and the NB Rappahannock River Crossing project, and construct Exit 126 interchange improvements.

Submitting Entity: Fredericksburg Area Metropolitan Planning Organization
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Statewide High Priority
VTRANS Need: CoSS
(click here for details)



0.8
SMART SCALE SCORE

#316 OF 433 STATEWIDE

#22 OF 32 DISTRICTWIDE

SMART SCALE Requested Funds..... **$61,000,000**
Total Project Cost..... **$61,000,000**
Project Benefit..... **4.6**
Project Benefit / Total Cost..... **0.8**

SMART SCALE Area Type A														
Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	162.8 persons	82.0 person hrs.	181.1 EPDO	239.2 EPDO / 100M VMT	64.1 jobs per resident	71.0 jobs per resident	270.0 adjusted users	192,779.1 thousand adj sq. ft.	2,128,027.7 thousand adj daily tons	1,097,614,819.4 adj. buffer time index	2,628.0 adjusted points	3.6 scaled points	32,414.1 access * pop/emp density.h	11,695.5 access * pop/emp density change.
Normalized Measure Value (0-100)	0.6	1.3	51.9	0.5	1.1	1.2	1.0	1.0	45.1	25.2	18.6	11.1	2.4	3.3
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.9		26.2		1.1			14.6			14.8		2.7	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%		20%	
Weighted Factor Value	0.4		1.3		0.2			0.7			1.5		0.5	
Project Benefit	4.6													
SMART SCALE Cost	$61,000,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.8**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

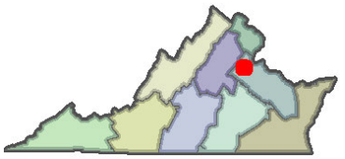
For more information on how to read a scorecard, click here.

I-95 SB Widening with Exit 126 SB Aux. Deceleration Lane

Project Id: 5013

Widen southbound I-95 to 4 lanes between future terminus of I-95 SB Rappahannock River Crossing and Exit 126. Construct a 5th SB auxiliary deceleration lane at Exit 126. Construct bike/ped improvements near future Commonwealth Dr PNR lot.

Submitting Entity: Fredericksburg Area Metropolitan Planning Organization
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Statewide High Priority
VTRANS Need: CoSS
(click here for details)



0.7
SMART SCALE SCORE

#333 OF 433 STATEWIDE

#25 OF 32 DISTRICTWIDE

SMART SCALE Requested Funds..... **$35,820,000**
Total Project Cost..... **$35,820,000**
Project Benefit..... **2.5**
Project Benefit / Total Cost..... **0.7**

SMART SCALE Area Type A														
Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	54.4 persons	12.4 person hrs.	24.5 EPDO	43.4 EPDO / 100M VMT	25.8 jobs per resident	34.6 jobs per resident	82.6 adjusted users	381,000.7 thousand adj sq. ft.	1,001,056.0 thousand adj daily tons	402,494,691.4 adj. buffer time index	2,468.9 adjusted points	1.9 scaled points	35,912.3 access * pop/emp density.h	12,807.4 access * pop/emp density change.
Normalized Measure Value (0-100)	0.2	0.2	7.0	0.1	0.5	0.6	0.3	1.9	21.2	9.2	17.4	5.8	2.7	3.6
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.2		3.6		0.5			7.3			11.6		3.0	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%		20%	
Weighted Factor Value	0.1		0.2		0.1			0.4			1.2		0.6	
Project Benefit	2.5													
SMART SCALE Cost	$35,820,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.7**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

Lafayette Blvd/Kenmore Ave/Charles St Roundabouts

Project Id: 3620

Related intersection improvements at Lafayette Blvd and Kenmore Ave and at Lafayette Blvd and Charles St. will include removal of the existing traffic signals and installation of a roundabout at Kenmore Avenue and mini roundabout at Charles St.

Submitting Entity: Fredericksburg City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Urban Development Area
(click here for details)

5.9 SMART SCALE SCORE	**#78**	OF 433 STATEWIDE	SMART SCALE Requested Funds..... **$1,978,826**
	#3	OF 32 DISTRICTWIDE	Total Project Cost..... **$5,800,000**
			Project Benefit..... **1.2**
			Project Benefit / Total Cost..... **2.0**

SMART SCALE Area Type A

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	31.7 persons	0.2 person hrs.	8.9 EPDO	802.7 EPDO / 100M VMT	3.0 jobs per resident	4.3 jobs per resident	158.6 adjusted users	405,083.9 thousand adj sq. ft.	1,880.2 thousand adj daily tons	0.0 adj. buffer time index	158.6 adjusted points	0.7 scaled points	46,389.8 access * pop/emp density.h	15,928.3 access * pop/emp density change.
Normalized Measure Value (0-100)	0.1	0.0	2.5	1.7	0.1	0.1	0.6	2.1	0.0	0.0	1.1	2.2	3.5	4.5
Measure Weight (% of Factor)	50%	50%	100%	0%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.1		2.5		0.2			1.2			1.7		3.8	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%		20%	
Weighted Factor Value	0.0		0.1		0.0			0.1			0.2		0.8	
Project Benefit	1.2													
SMART SCALE Cost	$1,978,826													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**5.9**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

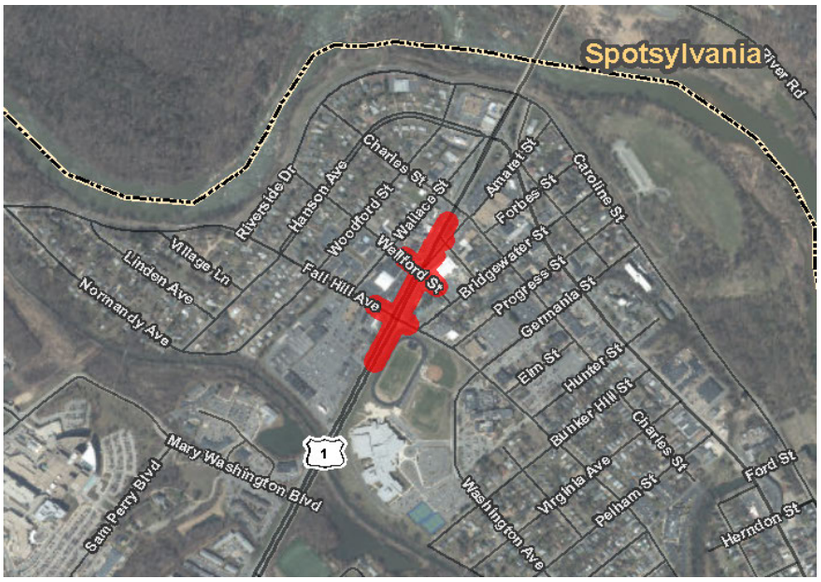
For more information on how to read a scorecard, click here.

U.S. Route 1/Fall Hill Avenue Intersection Improvements

Project Id: 3621

Improve the U.S. Route 1/Fall Hill Avenue intersection by adding a southbound right turn lane, extending the northbound right turn lane, providing three lanes on both the eastern and western approaches, and expanding the median on Route 1.

Submitting Entity: Fredericksburg City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: CoSS
(click here for details)



2.3
SMART SCALE SCORE

#185 OF 433 STATEWIDE

#11 OF 32 DISTRICTWIDE

SMART SCALE Requested Funds..... **$7,200,000**
Total Project Cost..... **$7,200,000**
Project Benefit..... **1.6**
Project Benefit / Total Cost..... **2.3**

SMART SCALE Area Type A														
Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	15.4 persons	75.6 person hrs.	26.0 EPDO	1,036.6 EPDO / 100M VMT	19.6 jobs per resident	23.5 jobs per resident	77.2 adjusted users	0.0 thousand adj sq. ft.	16,927.8 thousand adj daily tons	30,229,632.1 adj. buffer time index	46.3 adjusted points	1.1 scaled points	44,364.4 access * pop/emp density.h	16,536.6 access * pop/emp density change.
Normalized Measure Value (0-100)	0.1	1.2	7.4	2.1	0.3	0.4	0.3	0.0	0.4	0.7	0.3	3.2	3.3	4.7
Measure Weight (% of Factor)	50%	50%	100%	0%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.6		7.4		0.3			0.2			1.8		3.7	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%		20%	
Weighted Factor Value	0.3		0.4		0.1			0.0			0.2		0.7	
Project Benefit	1.6													
SMART SCALE Cost	$7,200,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**2.3**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

Dixon Street/Lansdowne Road Intersection Improvements

Project Id: 3622

The Dixon Street/Lansdowne Road intersection requires a right turn lane from east-bound Dixon Street on to south-bound Lansdowne Road, and a right turn lane from north-bound Lansdowne Road on to east-bound Dixon Street.

Submitting Entity: Fredericksburg City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Urban Development Area
(click here for details)

3.9
SMART SCALE SCORE

#119 OF 433 STATEWIDE

#7 OF 32 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$2,200,000**
Total Project Cost.....	**$2,200,000**
Project Benefit.....	**0.9**
Project Benefit / Total Cost.....	**3.9**

SMART SCALE Area Type A

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	37.2 person hrs.	5.1 EPDO	498.2 EPDO / 100M VMT	23.5 jobs per resident	33.3 jobs per resident	0.0 adjusted users	0.0 thousand adj sq. ft.	23,302.3 thousand adj daily tons	1,612,420.1 adj. buffer time index	0.0 adjusted points	0.6 scaled points	33,118.0 access * pop/emp density.h	10,553.3 access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.6	1.5	1.0	0.4	0.6	0.0	0.0	0.5	0.0	0.0	1.7	2.5	3.0
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.3		1.2		0.4			0.1			0.8		2.6	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%		20%	
Weighted Factor Value	0.1		0.1		0.1			0.0			0.1		0.5	
Project Benefit	0.9													
SMART SCALE Cost	$2,200,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**3.9**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

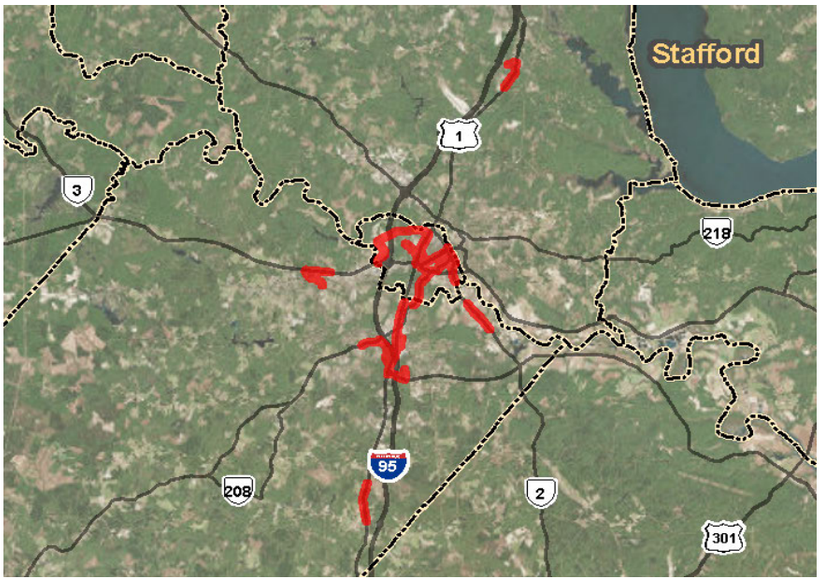
For more information on how to read a scorecard, click here.

FRED Transit-Shelters and Benches

Project Id: 3685

Purchase and installation of benches and shelters throughout the FRED Transit system.

Submitting Entity: Fredericksburg Regional Transit
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Statewide High Priority
VTRANS Need: Regional Network
(click here for details)



9.2
SMART SCALE SCORE

#42 OF 433 STATEWIDE

#2 OF 32 DISTRICTWIDE

SMART SCALE Requested Funds..... **$218,500**
Total Project Cost..... **$256,000**
Project Benefit..... **0.2**
Project Benefit / Total Cost..... **7.8**

SMART SCALE Area Type A

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	54.0 persons	1.9 person hrs.	4.1 EPDO	2.1 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	270.0 adjusted users	0.0 thousand adj sq. ft.	0.0 thousand adj daily tons	116,657.4 adj. buffer time index	54.0 adjusted points	0.2 scaled points	1,003.2 access * pop/emp density.h	385.7 access * pop/emp density change.
Normalized Measure Value (0-100)	0.2	0.0	1.2	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.4	0.5	0.1	0.1
Measure Weight (% of Factor)	50%	50%	100%	0%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.1		1.2		0.2			0.0			0.5		0.1	
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	$218,500													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**9.2**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

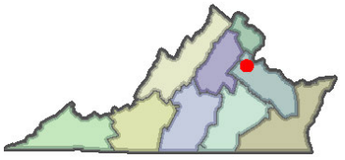
For more information on how to read a scorecard, click here.

New Commuter Parking Lot on Route 3

Project Id: 4555

Construct a new 156-space commuter parking lot with bicycle, pedestrian and transit improvements in the Washington Square Shopping Center on Route 3.

Submitting Entity: Fredericksburg Regional Transit
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Statewide High Priority
VTRANS Need: CoSS
(click here for details)



5.1
SMART SCALE SCORE

#91 OF 433 STATEWIDE

#5 OF 32 DISTRICTWIDE

SMART SCALE Requested Funds..... **$5,055,000**
Total Project Cost..... **$7,455,000**
Project Benefit..... **2.6**
Project Benefit / Total Cost..... **3.5**

SMART SCALE Area Type A														
Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	64.0 persons	50.4 person hrs.	12.8 EPDO	0.7 EPDO / 100M VMT	44.4 jobs per resident	70.7 jobs per resident	320.1 adjusted users	0.0 thousand adj sq. ft.	0.0 thousand adj daily tons	0.0 adj. buffer time index	4,031.2 adjusted points	1.7 scaled points	22,179.0 access * pop/emp density.h	6,905.2 access * pop/emp density change.
Normalized Measure Value (0-100)	0.2	0.8	3.7	0.0	0.8	1.2	1.1	0.0	0.0	0.0	28.5	5.1	1.7	2.0
Measure Weight (% of Factor)	50%	50%	100%	0%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.5		3.7		0.9			0.0			16.8		1.8	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%		20%	
Weighted Factor Value	0.2		0.2		0.1			0.0			1.7		0.4	
Project Benefit	2.6													
SMART SCALE Cost	$5,055,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**5.1**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT · DRPT · Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

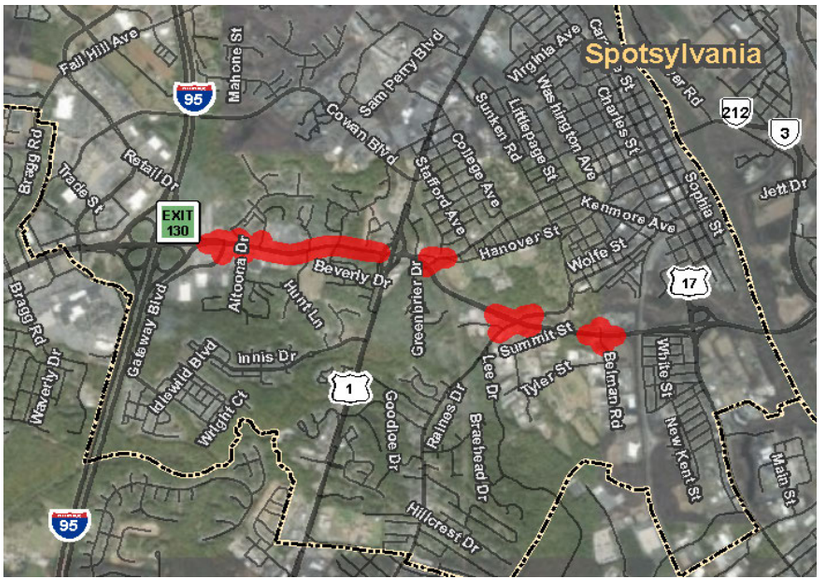
For more information on how to read a scorecard, click here.

Route 3 STARS Study Improvements

Project Id: 3878

Provide safety and operational improvements to Route 3 from Gateway Blvd to Dixon Street.

Submitting Entity: George Washington Regional Commission
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Statewide High Priority
VTRANS Need: CoSS
(click here for details)



2.7 SMART SCALE SCORE		
	#163 OF 433 STATEWIDE	SMART SCALE Requested Funds..... **$6,374,139**
	#8 OF 32 DISTRICTWIDE	Total Project Cost..... **$7,420,000**
		Project Benefit..... **1.7**
		Project Benefit / Total Cost..... **2.3**

SMART SCALE Area Type A														
Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	4.3 person hrs.	103.6 EPDO	958.1 EPDO / 100M VMT	8.1 jobs per resident	9.9 jobs per resident	0.0 adjusted users	256,126.0 thousand adj sq. ft.	80,208.1 thousand adj daily tons	26,104,227.2 adj. buffer time index	0.0 adjusted points	1.1 scaled points	40,726.1 access * pop/emp density.h	13,977.4 access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.1	29.7	2.0	0.1	0.2	0.0	1.3	1.7	0.6	0.0	3.4	3.1	4.0
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.0		15.8		0.1			1.2			1.7		3.3	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%		20%	
Weighted Factor Value	0.0		0.8		0.0			0.1			0.2		0.7	
Project Benefit	1.7													
SMART SCALE Cost	$6,374,139													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**2.7**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

Rt 3 STARS Study and I-95 off-ramp imp.

Project Id: 3880

Provide safety and operational improvements to the NB I-95 to EB Route 3 off-ramp and Route 3 from Gateway Blvd to Dixon Street.

Submitting Entity: George Washington Regional Commission
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Statewide High Priority
VTRANS Need: CoSS
(click here for details)

2.6
SMART SCALE SCORE

#167 OF 433 STATEWIDE

#9 OF 32 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$9,454,139**
Total Project Cost.....	**$11,500,000**
Project Benefit.....	**2.5**
Project Benefit / Total Cost.....	**2.2**

SMART SCALE Area Type A

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	11.7 persons	8.8 person hrs.	44.9 EPDO	3.1 EPDO / 100M VMT	8.5 jobs per resident	8.8 jobs per resident	58.3 adjusted users	256,687.2 thousand adj sq. ft.	87,021.3 thousand adj daily tons	155,612,555.5 adj. buffer time index	3,559.8 adjusted points	0.6 scaled points	39,661.0 access * pop/emp density.h	13,468.7 access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.1	12.9	0.0	0.1	0.2	0.2	1.3	1.8	3.6	25.1	1.8	3.0	3.8
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.1		6.4		0.2			1.9			13.5		3.2	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%		20%	
Weighted Factor Value	0.0		0.3		0.0			0.1			1.3		0.6	
Project Benefit	2.5													
SMART SCALE Cost	$9,454,139													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**2.6**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

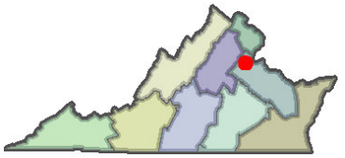
For more information on how to read a scorecard, click here.

US 17 Bus. STARS Study Improvements and New PNR Lot

Project Id: 3881

Safety and operational improvements for US 17 Business from Short Street to Washington Street. Construct a new 525-space commuter parking at US 17 Business and Olde Forge Drive.

Submitting Entity: George Washington Regional Commission
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Statewide High Priority
VTRANS Need: CoSS
(click here for details)



2.4
SMART SCALE SCORE

#174 OF 433 STATEWIDE

#10 OF 32 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$21,835,000**
Total Project Cost.....	**$21,835,000**
Project Benefit.....	**5.3**
Project Benefit / Total Cost.....	**2.4**

SMART SCALE Area Type A

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	154.9 persons	175.7 person hrs.	168.4 EPDO	7.5 EPDO / 100M VMT	133.6 jobs per resident	173.0 jobs per resident	774.5 adjusted users	1,539.3 thousand adj sq. ft.	27,624.6 thousand adj daily tons	0.0 adj. buffer time index	4,758.2 adjusted points	3.9 scaled points	38,454.9 access * pop/emp density.h	15,675.9 access * pop/emp density change.
Normalized Measure Value (0-100)	0.5	2.7	48.3	0.0	2.4	3.0	2.8	0.0	0.6	0.0	33.6	11.7	2.9	4.4
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	1.6		24.1		2.6			0.1			22.7		3.4	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%		20%	
Weighted Factor Value	0.7		1.2		0.4			0.0			2.3		0.7	
Project Benefit	5.3													
SMART SCALE Cost	$21,835,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**2.4**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT · DRPT · Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

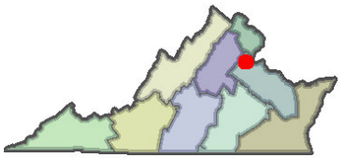
For more information on how to read a scorecard, click here.

I-95 Exit 136, Centreport Pkwy, US 1 & Enon Rd Improvements

Project Id: 4267

Improve SB I-95 Exit 136 off-ramp to EB Centreport Pkwy, re-stripe Centreport Pkwy for 2 EB lanes, construct ramp from Centreport Pkwy to SB US 1, improve US 1 and Enon Rd intersection, and construct turn lane and ped. improvements on Enon Rd.

Submitting Entity: George Washington Regional Commission
Preliminary Engineering: Underway
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Statewide High Priority
VTRANS Need: CoSS
(click here for details)



0.4
SMART SCALE SCORE

#370 OF 433 STATEWIDE

#26 OF 32 DISTRICTWIDE

SMART SCALE Requested Funds..... **$17,417,461**
Total Project Cost..... **$22,015,000**
Project Benefit..... **0.7**
Project Benefit / Total Cost..... **0.3**

SMART SCALE Area Type A

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	12.5 persons	1.5 person hrs.	28.6 EPDO	723.9 EPDO / 100M VMT	20.3 jobs per resident	27.8 jobs per resident	62.7 adjusted users	782,713.2 thousand adj sq. ft.	19,386.0 thousand adj daily tons	45,901,784.0 adj. buffer time index	43.9 adjusted points	0.5 scaled points	6,235.1 access * pop/emp density.h	3,126.5 access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	8.2	1.5	0.4	0.5	0.2	4.0	0.4	1.1	0.3	1.6	0.5	0.9
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.0		4.8		0.4			2.7			1.0		0.6	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%		20%	
Weighted Factor Value	0.0		0.2		0.1			0.1			0.1		0.1	
Project Benefit	0.7													
SMART SCALE Cost	$17,417,461													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.4**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

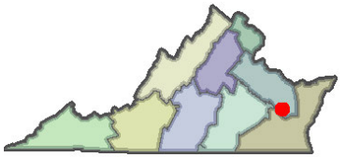
For more information on how to read a scorecard, click here.

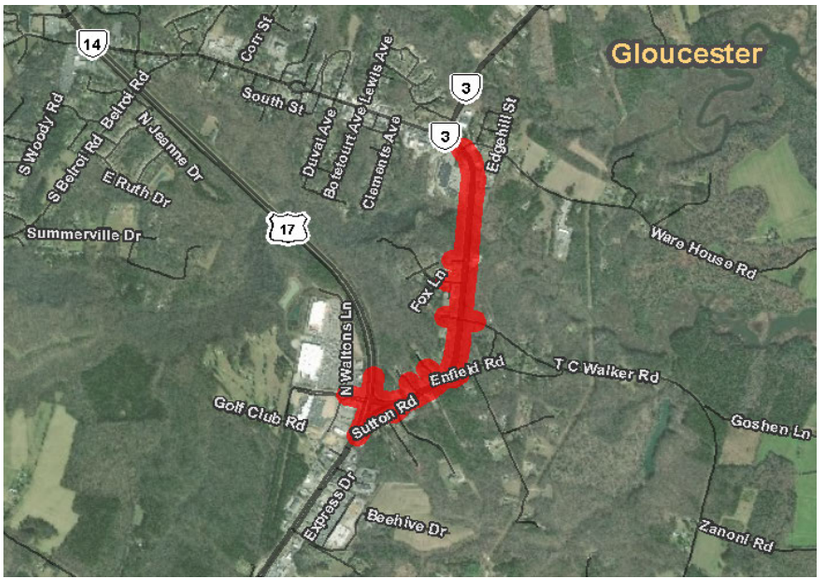
Bicycle/Pedestrian Improvements on Rte 17B -Main St

Project Id: 3580

This project will improve bicycle and pedestrian infrastructure along 17 Business (Main Street) generally aligned with the recommendations described in the Gloucester County Business 17 Corridor Planning Study dated 5/10/13 prepared for VDOT by HNTB.

Submitting Entity: Gloucester County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: Regional Network
(click here for details)





4.0
SMART SCALE SCORE

#118 OF 433 STATEWIDE

#6 OF 32 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$7,300,000**
Total Project Cost.....	**$7,300,000**
Project Benefit.....	**2.9**
Project Benefit / Total Cost.....	**4.0**

SMART SCALE Area Type D

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	17.7 persons	0.0 person hrs.	33.1 EPDO	294.3 EPDO / 100M VMT	53.1 jobs per resident	4.3 jobs per resident	53.1 adjusted users	749,276.6 thousand adj sq. ft.	0.0 thousand adj daily tons	92,101,261.8 adj. buffer time index	0.0 adjusted points	2.3 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.1	0.0	9.5	0.6	0.9	0.1	0.2	3.8	0.0	2.1	0.0	7.0		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.0		5.0		0.6			2.7			3.5			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%		N/A	
Weighted Factor Value	0.0		1.5		0.1			0.9			0.3			
Project Benefit	2.9													
SMART SCALE Cost	$7,300,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**4.0**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

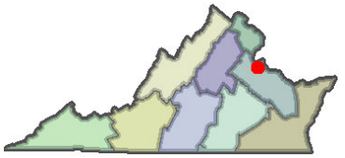
For more information on how to read a scorecard, click here.

Route 301 and Route 3 Median U-Turn Intersection

Project Id: 3486

The intersection at Route 3 with US 301 will be reconfigured to disallow left turns. Single lane U-turn areas will be constructed on US 301 north and south of the main intersection. Pedestrian marked crossings and signals will be installed.

Submitting Entity: King George County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: CoSS
(click here for details)



5.3
SMART SCALE SCORE

#86 OF 433 STATEWIDE

#4 OF 32 DISTRICTWIDE

SMART SCALE Requested Funds..... **$3,300,000**
Total Project Cost..... **$3,300,000**
Project Benefit..... **1.8**
Project Benefit / Total Cost..... **5.3**

SMART SCALE Area Type D														
Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	12.7 persons	0.1 person hrs.	18.6 EPDO	1,864.8 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	19.0 adjusted users	5,863.6 thousand adj sq. ft.	92,359.5 thousand adj daily tons	2,493,615.0 adj. buffer time index	25.3 adjusted points	1.5 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	5.3	3.8	0.0	0.0	0.1	0.0	2.0	0.1	0.2	4.4		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.0		4.6		0.0			0.4			2.3			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%		N/A	
Weighted Factor Value	0.0		1.4		0.0			0.1			0.2			
Project Benefit	1.8													
SMART SCALE Cost	$3,300,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**5.3**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

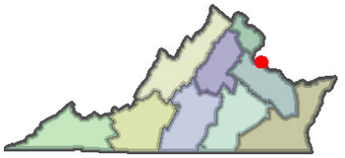
For more information on how to read a scorecard, click here.

Route 301 University Drive/Market Ctr Double RCUT

Project Id: 3488

Reconfigure intersections of University Drive at US 301 and Market Center at US 301 respectively to Restricted Crossing U-Turn intersections & install marked pedestrian crossings.

Submitting Entity: King George County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Urban Development Area
(click here for details)



10.5
SMART SCALE SCORE

#32 OF 433 STATEWIDE

#1 OF 32 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$3,500,000**
Total Project Cost.....	**$3,500,000**
Project Benefit.....	**3.7**
Project Benefit / Total Cost.....	**10.5**

SMART SCALE Area Type D

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	6.8 persons	6.0 person hrs.	38.5 EPDO	1,108.1 EPDO / 100M VMT	10.5 jobs per resident	17.2 jobs per resident	10.2 adjusted users	1,025,264.3 thousand adj sq. ft.	43,777.2 thousand adj daily tons	17,372,692.0 adj. buffer time index	13.6 adjusted points	2.9 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.1	11.0	2.3	0.2	0.3	0.0	5.2	0.9	0.4	0.1	8.8		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.1		6.7		0.2			3.4			4.5			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%		N/A	
Weighted Factor Value	0.0		2.0		0.0			1.2			0.4			
Project Benefit	3.7													
SMART SCALE Cost	$3,500,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**10.5**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

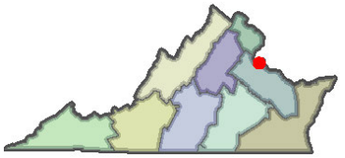
For more information on how to read a scorecard, click here.

Route 206 and Route 218 Right Turn Lane

Project Id: 3489

Installation of dedicated Right Turn Lane at Rte. 206 West to Rte. 218 Westbound.

Submitting Entity: King George County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Safety
(click here for details)



1.8
SMART SCALE SCORE

#227 OF 433 STATEWIDE

#13 OF 32 DISTRICTWIDE

SMART SCALE Requested Funds..... **$2,000,000**
Total Project Cost..... **$2,000,000**
Project Benefit..... **0.4**
Project Benefit / Total Cost..... **1.8**

SMART SCALE Area Type D

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	0.0 person hrs.	2.9 EPDO	599.0 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	0.0 thousand adj sq. ft.	0.0 thousand adj daily tons	261,782.2 adj. buffer time index	0.0 adjusted points	0.3 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	0.8	1.2	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	N/A
Factor Value	0.0		1.0		0.0			0.0			0.4			
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	$2,000,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.8**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

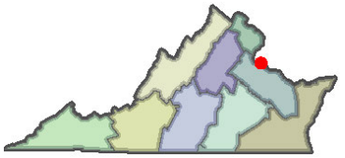
For more information on how to read a scorecard, click here.

Route 301 and Route 206 Median U-Turn Intersection

Project Id: 3709

The intersection of US 301 and Dahlgren Road (Rte. 206) will be reconfigured to prohibit left turns. Median U-Turn areas will be constructed north and south of the intersection on US 301.

Submitting Entity: King George County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Urban Development Area
(click here for details)



1.0
SMART SCALE SCORE

#295 OF 433 STATEWIDE

#20 OF 32 DISTRICTWIDE

SMART SCALE Requested Funds..... **$6,800,000**
Total Project Cost..... **$6,800,000**
Project Benefit..... **0.7**
Project Benefit / Total Cost..... **1.0**

SMART SCALE Area Type D														
Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	25.2 persons	0.0 person hrs.	10.7 EPDO	301.7 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	37.8 adjusted users	0.0 thousand adj sq. ft.	0.0 thousand adj daily tons	13,475,642.5 adj. buffer time index	0.0 adjusted points	0.5 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.1	0.0	3.1	0.6	0.0	0.0	0.1	0.0	0.0	0.3	0.0	1.6		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.0		1.8		0.0			0.1			0.8			
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	0.7													
SMART SCALE Cost	$6,800,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.0**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

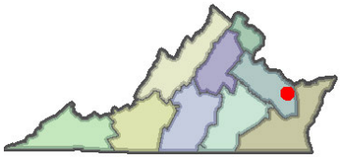
For more information on how to read a scorecard, click here.

Kilmarnock Right Turn Lane

Project Id: 4630

Create a dedicated right-turn lane off of VSH 3 onto VSH 688 to alleviate traffic back-ups at that intersection and facilitate truck traffic as non-thru trucks must use VSH 688 since it is the truck by-pass around the Town of Kilmarnock.

Submitting Entity: Lancaster County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Safety
(click here for details)



1.4
SMART SCALE SCORE

#247 OF 433 STATEWIDE

#15 OF 32 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$1,100,000**
Total Project Cost.....	**$1,100,000**
Project Benefit.....	**0.2**
Project Benefit / Total Cost.....	**1.4**

SMART SCALE Area Type D

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	0.1 person hrs.	1.4 EPDO	256.7 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	0.0 thousand adj sq. ft.	1,065.6 thousand adj daily tons	210,381.4 adj. buffer time index	0.0 adjusted points	0.1 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	0.4	0.5	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	N/A
Factor Value	0.0		0.5		0.0			0.0			0.2			
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	0.2													
SMART SCALE Cost	$1,100,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.4**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT · DRPT · Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

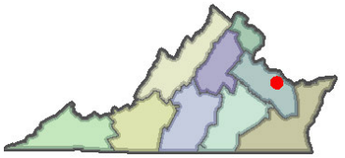
For more information on how to read a scorecard, click here.

SMART SCALE: Route 360/619 - Richmond County

Project Id: 3927

Extend turn lanes - left and right / Route 360/619, Richmond County

Submitting Entity: Richmond County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Safety
(click here for details)



0.7
SMART SCALE SCORE

#329 OF 433 STATEWIDE

#23 OF 32 DISTRICTWIDE

SMART SCALE Requested Funds..... **$1,300,000**
Total Project Cost..... **$1,300,000**
Project Benefit..... **0.1**
Project Benefit / Total Cost..... **0.7**

SMART SCALE Area Type D															
Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	0.0 person hrs.	0.8 EPDO	151.9 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	0.0 thousand adj sq. ft.	0.0 thousand adj daily tons	236,969.1 adj. buffer time index	0.0 adjusted points	0.1 scaled points	access * pop/emp density.h	access * pop/emp density change.
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	0.2		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.0		0.3		0.0			0.0			0.1			
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	$1,300,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.7**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

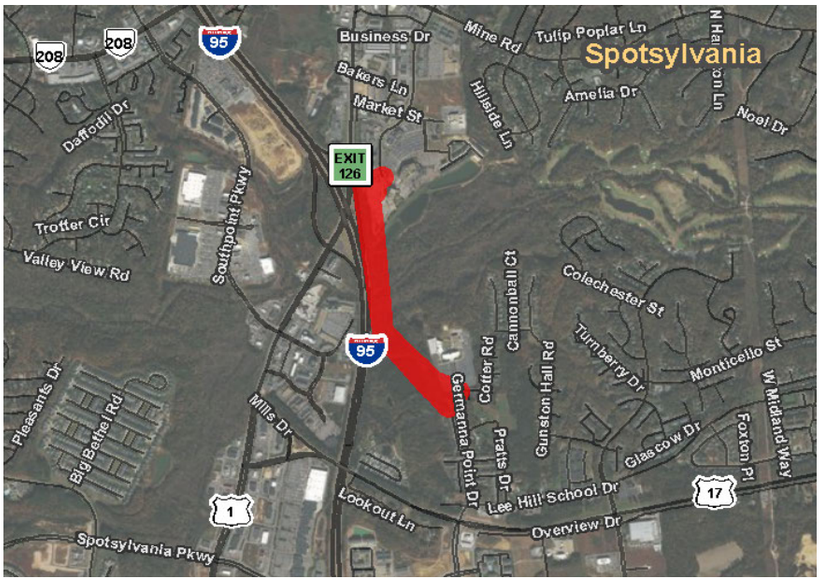
For more information on how to read a scorecard, click here.

Germanna Point Dr & Spotsylvania Avenue

Project Id: 3813

The purpose of this project is to support the existing projects previously approved by SmartScale project (Rt 17 Widening and bridge over I95) to support the relief of Route 1 traffic.

Submitting Entity: Spotsylvania County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: Regional Network
(click here for details)



0.2 SMART SCALE SCORE	#397	OF 433 STATEWIDE	SMART SCALE Requested Funds..... **$33,100,000**
	#29	OF 32 DISTRICTWIDE	Total Project Cost..... **$33,100,000**
			Project Benefit..... **0.7**
			Project Benefit / Total Cost..... **0.2**

SMART SCALE Area Type A

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	37.4 persons	11.9 person hrs.	6.1 EPDO	8.2 EPDO / 100M VMT	64.3 jobs per resident	49.5 jobs per resident	21.3 adjusted users	0.0 thousand adj sq. ft.	4,022.2 thousand adj daily tons	0.0 adj. buffer time index	21.3 adjusted points	0.5 scaled points	19,391.2 access * pop/emp density.h	7,829.1 access * pop/emp density change.
Normalized Measure Value (0-100)	0.1	0.2	1.8	0.0	1.1	0.9	0.1	0.0	0.1	0.0	0.2	1.6	1.5	2.2
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.2		0.9		0.9			0.0			0.9		1.7	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%		20%	
Weighted Factor Value	0.1		0.0		0.1			0.0			0.1		0.3	
Project Benefit	0.7													
SMART SCALE Cost	$33,100,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.2**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

Harrison Rd & Salem Church

Project Id: 3816

Intersection improvements to receive the dual straights on Harrison Road and correct the alignment for future road widening.

Submitting Entity: Spotsylvania County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: Regional Network
(click here for details)

1.7
SMART SCALE SCORE

#232 OF 433 STATEWIDE

#14 OF 32 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$6,100,000**
Total Project Cost.....	**$6,100,000**
Project Benefit.....	**1.0**
Project Benefit / Total Cost.....	**1.7**

SMART SCALE Area Type A

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	61.6 persons	4.5 person hrs.	27.9 EPDO	593.7 EPDO / 100M VMT	44.8 jobs per resident	44.5 jobs per resident	184.7 adjusted users	0.0 thousand adj sq. ft.	1,477.8 thousand adj daily tons	17,856,003.3 adj. buffer time index	246.3 adjusted points	0.7 scaled points	27,523.3 access * pop/emp density.h	8,299.5 access * pop/emp density change.
Normalized Measure Value (0-100)	0.2	0.1	8.0	1.2	0.8	0.8	0.7	0.0	0.0	0.4	1.7	2.2	2.1	2.4
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.1		4.6		0.8			0.1			2.0		2.2	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%		20%	
Weighted Factor Value	0.1		0.2		0.1			0.0			0.2		0.4	
Project Benefit	1.0													
SMART SCALE Cost	$6,100,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.7**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

Rt 1 and Rt 208/Lafayette Blvd

Project Id: 3819

Intersection improvements at Route 1 and 208/Lafayette Blvd

Submitting Entity: Spotsylvania County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: CoSS
(click here for details)

1.1
SMART SCALE SCORE

#284 OF 433 STATEWIDE

#18 OF 32 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$10,300,000**
Total Project Cost.....	**$10,300,000**
Project Benefit.....	**1.1**
Project Benefit / Total Cost.....	**1.1**

SMART SCALE Area Type A

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	90.8 persons	3.3 person hrs.	16.6 EPDO	428.8 EPDO / 100M VMT	8.2 jobs per resident	7.1 jobs per resident	136.2 adjusted users	0.0 thousand adj sq. ft.	3,270.7 thousand adj daily tons	46,665,836.3 adj. buffer time index	181.6 adjusted points	0.8 scaled points	38,325.6 access * pop/emp density.h	14,144.8 access * pop/emp density change.
Normalized Measure Value (0-100)	0.3	0.1	4.8	0.9	0.1	0.1	0.5	0.0	0.1	1.1	1.3	2.4	2.9	4.0
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.2		2.8		0.2			0.2			1.8		3.2	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%		20%	
Weighted Factor Value	0.1		0.1		0.0			0.0			0.2		0.6	
Project Benefit	1.1													
SMART SCALE Cost	$10,300,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.1**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

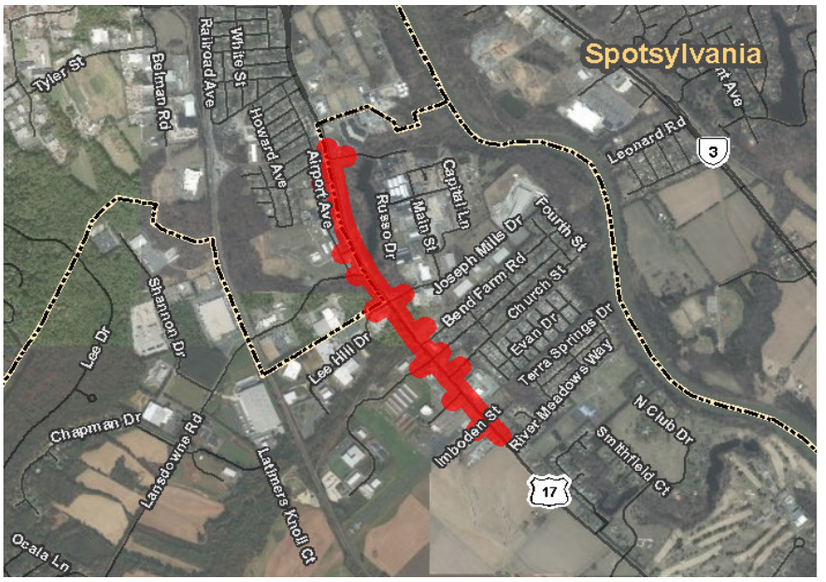
For more information on how to read a scorecard, click here.

Rt 2 & 17 from Lansdowne Rd past Shannon Airport

Project Id: 3824

Widening, intersection improvements and bike and pedestrian connectivity.

Submitting Entity: Spotsylvania County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: Regional Network
(click here for details)



1.3
SMART SCALE SCORE

#260 OF 433 STATEWIDE

#16 OF 32 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$19,500,000**
Total Project Cost.....	**$19,500,000**
Project Benefit.....	**2.6**
Project Benefit / Total Cost.....	**1.3**

SMART SCALE Area Type A

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	220.9 persons	70.7 person hrs.	127.1 EPDO	1,541.0 EPDO / 100M VMT	120.6 jobs per resident	171.8 jobs per resident	180.0 adjusted users	0.0 thousand adj sq. ft.	106,749.6 thousand adj daily tons	27,217,661.5 adj. buffer time index	180.0 adjusted points	1.6 scaled points	31,351.5 access * pop/emp density.h	9,873.5 access * pop/emp density change.
Normalized Measure Value (0-100)	0.8	1.1	36.4	3.2	2.1	3.0	0.6	0.0	2.3	0.6	1.3	4.9	2.4	2.8
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.9		19.8		2.0			0.6			3.1		2.5	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%		20%	
Weighted Factor Value	0.4		1.0		0.3			0.0			0.3		0.5	
Project Benefit	2.6													
SMART SCALE Cost	$19,500,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.3**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT · DRPT · Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

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

Project Id: 3648

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.

Submitting Entity: Stafford County
Preliminary Engineering: Underway
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: CoSS
(click here for details)

0.9
SMART SCALE SCORE

#303 OF 433 STATEWIDE

#21 OF 32 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$4,452,461**
Total Project Cost.....	**$10,600,000**
Project Benefit.....	**0.4**
Project Benefit / Total Cost.....	**0.4**

SMART SCALE Area Type A

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	54.3 persons	5.2 person hrs.	1.5 EPDO	57.1 EPDO / 100M VMT	19.7 jobs per resident	30.4 jobs per resident	62.7 adjusted users	643,212.9 thousand adj sq. ft.	4,728.8 thousand adj daily tons	9,262,292.8 adj. buffer time index	43.9 adjusted points	0.3 scaled points	5,240.1 access * pop/emp density.h	2,579.3 access * pop/emp density change.
Normalized Measure Value (0-100)	0.2	0.1	0.4	0.1	0.3	0.5	0.2	3.3	0.1	0.2	0.3	1.0	0.4	0.7
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.1		0.3		0.4			2.0			0.6		0.5	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%		20%	
Weighted Factor Value	0.1		0.0		0.1			0.1			0.1		0.1	
Project Benefit	0.4													
SMART SCALE Cost	$4,452,461													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.9**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT · DRPT · Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

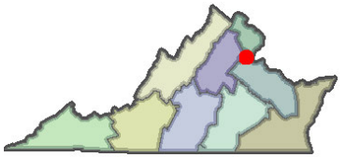
For more information on how to read a scorecard, click here.

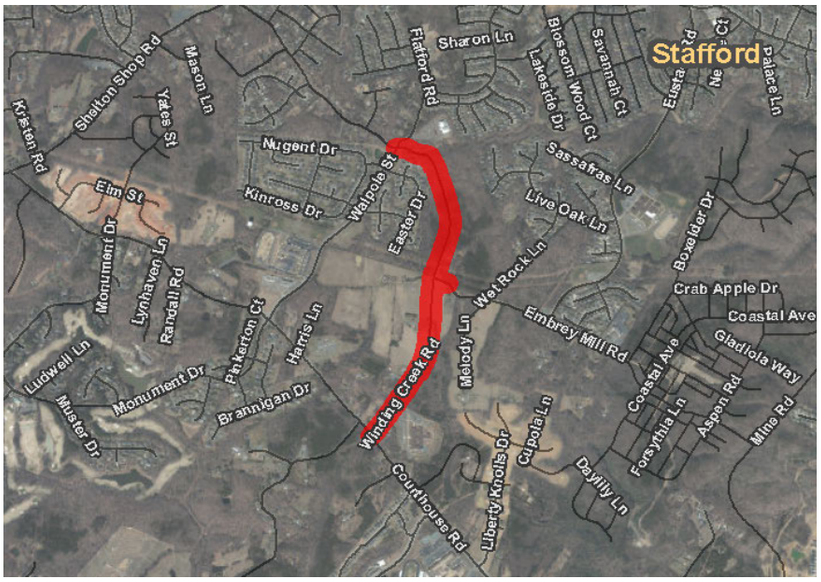
Winding Creek Road Widening

Project Id: 3649

Project will realign/rehabilitate Winding Creek Rd from the int. with Walpole St/Flatford Rd to the entrance at Winding Creek ES utilizing trench widening to provide wider travel lanes & shoulder and will realign sharp curves to meet VDOT standards.

Submitting Entity: Stafford County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Safety
(click here for details)





0.2
SMART SCALE SCORE

#396 OF 433 STATEWIDE

#28 OF 32 DISTRICTWIDE

SMART SCALE Requested Funds..... **$12,230,500**
Total Project Cost..... **$15,700,000**
Project Benefit..... **0.3**
Project Benefit / Total Cost..... **0.2**

SMART SCALE Area Type A														
Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	4.5 persons	0.0 person hrs.	1.3 EPDO	106.7 EPDO / 100M VMT	2.9 jobs per resident	2.9 jobs per resident	6.7 adjusted users	36,557.0 thousand adj sq. ft.	0.0 thousand adj daily tons	297,601.0 adj. buffer time index	9.0 adjusted points	0.2 scaled points	12,057.0 access * pop/emp density.h	3,864.0 access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	0.4	0.2	0.1	0.1	0.0	0.2	0.0	0.0	0.1	0.6	0.9	1.1
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.0		0.3		0.0			0.1			0.4		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	0.3													
SMART SCALE Cost	$12,230,500													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.2**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT · DRPT · Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

Eskimo Hill Roadway Improvement

Project Id: 3650

The project will provide capacity and safety improvements for approximately 2 miles from US Route 1 to Potomac Run Road (SR-626) where the County's landfill site is located.

Submitting Entity: Stafford County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Urban Development Area
(click here for details)

0.1
SMART SCALE SCORE

#418 OF 433 STATEWIDE

#32 OF 32 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$16,500,000**
Total Project Cost.....	**$17,500,000**
Project Benefit.....	**0.2**
Project Benefit / Total Cost.....	**0.1**

SMART SCALE Area Type A

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	0.0 person hrs.	1.9 EPDO	70.9 EPDO / 100M VMT	0.6 jobs per resident	0.5 jobs per resident	0.0 adjusted users	282,183.2 thousand adj sq. ft.	13,070.9 thousand adj daily tons	411,185.4 adj. buffer time index	109.0 adjusted points	0.1 scaled points	2,037.2 access * pop/emp density.h	1,044.2 access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	0.5	0.1	0.0	0.0	0.0	1.4	0.3	0.0	0.8	0.4	0.2	0.3
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.0		0.3		0.0			0.9			0.6		0.2	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%		20%	
Weighted Factor Value	0.0		0.0		0.0			0.0			0.1		0.0	
Project Benefit	0.2													
SMART SCALE Cost	$16,500,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.1**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

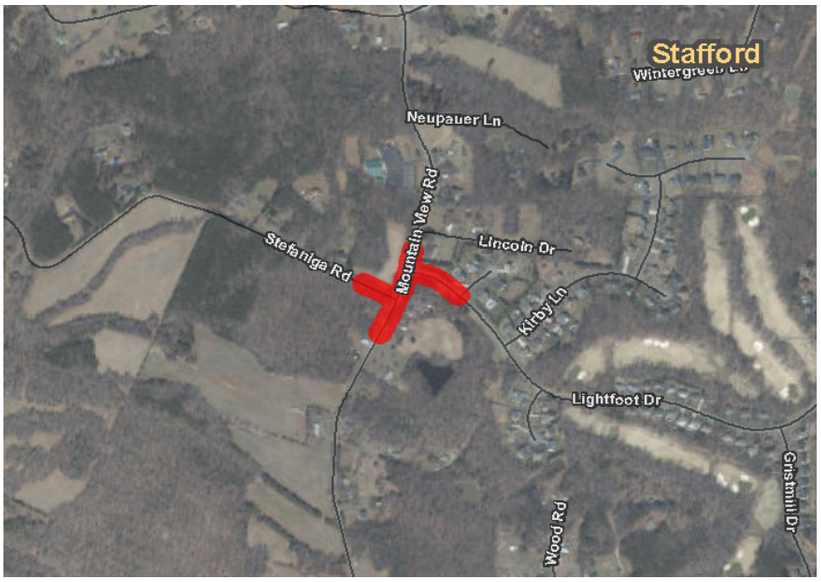
For more information on how to read a scorecard, click here.

Stefaniga and Mountain View Road Intersection Improvement

Project Id: 3651

Project will realign Stefaniga Road (SR-648) at the intersection with Mountain View Road (SR-627) and shift this intersection north to line up with the existing intersection at Lightfoot Drive (SR-2055) and convert the intersection into a roundabout.

Submitting Entity: Stafford County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Safety
(click here for details)



2.1
SMART SCALE SCORE

#200 OF 433 STATEWIDE

#12 OF 32 DISTRICTWIDE

SMART SCALE Requested Funds..... **$2,700,000**
Total Project Cost..... **$3,700,000**
Project Benefit..... **0.6**
Project Benefit / Total Cost..... **1.5**

SMART SCALE Area Type A

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	9.1 persons	4.8 person hrs.	20.0 EPDO	5,232.5 EPDO / 100M VMT	2.1 jobs per resident	0.6 jobs per resident	13.6 adjusted users	0.0 thousand adj sq. ft.	0.0 thousand adj daily tons	178,882.5 adj. buffer time index	18.1 adjusted points	0.5 scaled points	2,574.2 access * pop/emp density.h	845.5 access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.1	5.7	10.8	0.0	0.0	0.0	0.0	0.0	0.0	0.1	1.4	0.2	0.2
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.1		8.3		0.0			0.0			0.8		0.2	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%		20%	
Weighted Factor Value	0.0		0.4		0.0			0.0			0.1		0.0	
Project Benefit	0.6													
SMART SCALE Cost	$2,700,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**2.1**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

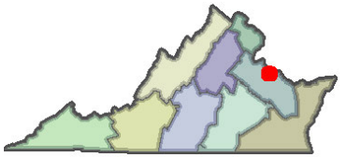
For more information on how to read a scorecard, click here.

Passing Lanes on Route 3 near Lerty

Project Id: 3492

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.

Submitting Entity: Westmoreland County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Safety
(click here for details)



0.3
SMART SCALE SCORE

#378 OF 433 STATEWIDE

#27 OF 32 DISTRICTWIDE

SMART SCALE Requested Funds..... **$15,300,000**
Total Project Cost..... **$15,300,000**
Project Benefit..... **0.5**
Project Benefit / Total Cost..... **0.3**

SMART SCALE Area Type D														
Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	0.0 person hrs.	8.0 EPDO	259.7 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	0.0 thousand adj sq. ft.	0.0 thousand adj daily tons	1,848,007.6 adj. buffer time index	0.0 adjusted points	0.4 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	2.3	0.5	0.0	0.0	0.0	0.0	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	N/A
Factor Value	0.0		1.4		0.0			0.0			0.6			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%		N/A	
Weighted Factor Value	0.0		0.4		0.0			0.0			0.1			
Project Benefit	0.5													
SMART SCALE Cost	$15,300,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.3**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

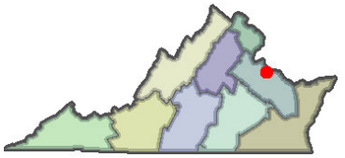
For more information on how to read a scorecard, click here.

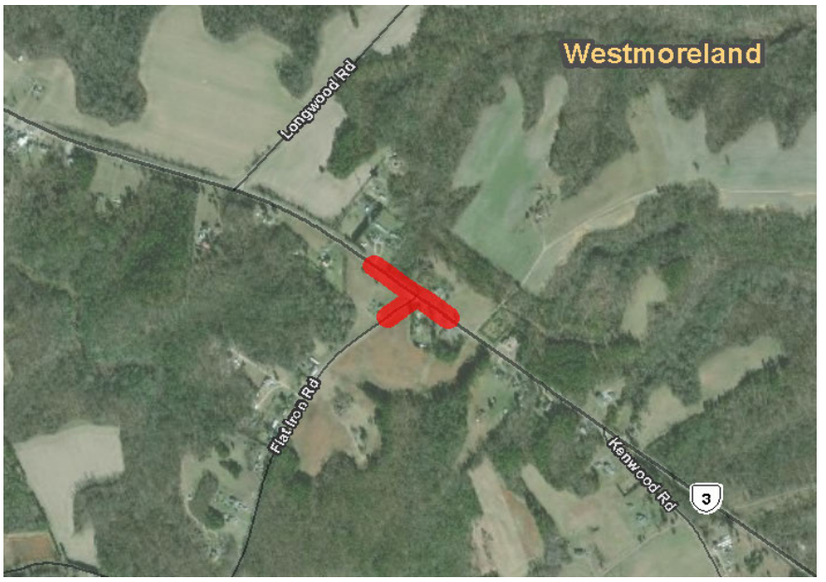
Expanded Turn Lane for Flat Iron Road

Project Id: 3494

Lengthen the right-hand turn lane for Flat Iron Road (State Route 624) on eastbound Kings Highway (State Route 3) between Oak Grove and Montross.

Submitting Entity: Westmoreland County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Safety
(click here for details)





1.2
SMART SCALE SCORE

#274 OF 433 STATEWIDE

#17 OF 32 DISTRICTWIDE

SMART SCALE Requested Funds..... **$1,000,000**
Total Project Cost..... **$1,000,000**
Project Benefit..... **0.1**
Project Benefit / Total Cost..... **1.2**

SMART SCALE Area Type D

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	0.0 person hrs.	0.7 EPDO	235.0 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	0.0 thousand adj sq. ft.	0.0 thousand adj daily tons	123,320.7 adj. buffer time index	0.0 adjusted points	0.1 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	0.2	0.5	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	N/A
Factor Value	0.0		0.3		0.0			0.0			0.1			
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	$1,000,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.2**													

HAMPTON ROADS DISTRICT

SMART SCALE | *Funding the Right Transportation Projects in Virginia*

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

Project Id	Project Name	Organization	District Rank	State Rank	Page #
3668	Lafayette Street Signal & Pedestrian Improvements	Williamsburg City	1	1	04-50
3548	Battlefield Blvd/Volvo Pkwy Intersection Improvements	Chesapeake City	2	2	04-04
3666	Richmond Road Signal Coordination & Pedestrian Improvements	Williamsburg City	3	3	04-49
3966	Ballentine Blvd Lane Improvements	Norfolk City	4	4	04-25
4392	Portsmouth Railroad Crossing Message Signs	Portsmouth City	5	6	04-35
3692	WATA Bus Stop Pull Offs	Williamsburg Area Transit Authority (WATA)	6	17	04-46
4057	Terminal Blvd/Diven St Intersection Improvements	Norfolk City	7	19	04-26
4175	Shoulder Widening Rte 13	Northampton County	8	33	04-31
3884	HWY 301S Sidewalk Greensville Project	Greensville County	9	40	04-06
3583	J. Clyde Morris Blvd Intersection Improvements	Newport News City	10	54	04-24
4947	Newport News Shipyard - Gloucester MAX Service	Hampton Roads Transit	11	57	04-12
3581	Jefferson Ave & Oyster Point Rd Intersection Improvements	Newport News City	12	68	04-23
3672	Hampton Roads Center Pkwy Bike & Pedestrian Access	Hampton City	13	71	04-11
3632	Wakefield 460 Eastbound Turnlane	Sussex County	14	75	04-41
3670	N Armistead Ave Reconstruction, Ped, & Drainage Improvements	Hampton City	15	121	04-10
4971	Carrollton Boulevard (Route 17) Crosswalks	Isle of Wight County	16	123	04-15
3470	Hampton Roads Bridge-Tunnel Widening/I-64 Expansion	Hampton Roads Transportation Planning Organization	17	130	04-13
4105	Route 171 capacity enhancements between Routes 134 and 1740	York County	18	149	04-52
3463	Warwick Blvd & Oyster Point Rd Intersection Improvements	Newport News City	19	150	04-22
4179	Bicycle Lane on US Business 13	Northampton County	20	179	04-32
4642	Virginia Beach Blvd Widening – George St to Newtown Rd	Norfolk City	21	180	04-29
3582	General Booth Blvd/Oceana Blvd Intersection Improvements	Virginia Beach City	22	194	04-44
3468	Lafayette Street Widening	Williamsburg City	23	212	04-47
3469	Monticello Ave-Richmond Rd-Lafayette St Roundabout	Williamsburg City	24	218	04-48
4125	Longhill Road Shared Use Path	James City County	25	224	04-19
4967	Route 31 Bicycle Accommodations	Surry County	26	225	04-40
3630	Victory Blvd Enhancement App 2: Poquoson Segment	Poquoson City	27	229	04-33
3635	Seaboard Coastline Trail Segment 1	Suffolk City	28	233	04-38

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

Project Id	Project Name	Organization	District Rank	State Rank	Page #
4022	Median crossover to Rte 13	Northampton County	29	243	04-30
3546	Mt Pleasant Road/Great Bridge Bypass Interchange Improvement	Chesapeake City	30	252	04-02
3451	Coliseum Drive Extension Phase B	Hampton City	31	264	04-08
5080	U.S. Route 460 at U.S. Route 258 Turn Lane Improvements	Isle of Wight County	32	269	04-16
3646	Little Back River Peak Directional & Two Way Left Turn Lane	Hampton City	33	280	04-09
3636	Route 58 Arterial Preservation Plan Study Recommendations	Suffolk City	34	299	04-39
3545	George Washington Highway Widening	Chesapeake City	35	307	04-01
3631	Victory Blvd Enhancement App 1: Poquoson & York Segments	Poquoson City	36	311	04-34
4637	Virginia Beach Blvd Improvements: Glenrock Rd to Clarence St	Norfolk City	37	323	04-28
3569	Laskin Road Phase III	Virginia Beach City	38	332	04-42
4633	Virginia Beach Blvd Improvements: Glenrock Rd to Newtown Rd	Norfolk City	39	335	04-27
3623	North Suffolk Connector	Suffolk City	40	336	04-36
3957	Route 171 capacity enhancements between Routes 134 and 782	York County	41	343	04-51
4108	Route 171 capacity enhancements between Routes 1740 and 782	York County	42	348	04-53
3708	Mt. Pleasant Road Improvements Phase 1	Chesapeake City	43	352	04-05
3547	Freeman Avenue/Norfolk Portsmouth Beltline Overpass	Chesapeake City	44	353	04-03
3589	General Booth Boulevard	Virginia Beach City	45	361	04-45
3576	First Colonial Road	Virginia Beach City	46	363	04-43
4225	Pocahontas Trail (Rt 60) Improvements - Segments C & D	James City County	47	371	04-20
4290	Pocahontas Trail (Rt 60) Improvements - Segments C,D & E1	James City County	48	377	04-21
3624	Route 460 Safety and Operations Study Improvements	Suffolk City	49	392	04-37
4169	Mooretown Rd/Lightfoot Rd Intersection Improvements	York County	50	394	04-54
5082	U.S. Route 460 at Five Points Intersection Improvements	Isle of Wight County	51	402	04-17
4581	Broadwater (Route 620) Reconstruction with No New Capacity	Isle of Wight County	52	403	04-14
3920	Pocahontas Trail (Rt 60) Improvements	James City County	53	409	04-18
4085	Low Ground Road Sidewalk Project	Greensville County	54	425	04-07

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

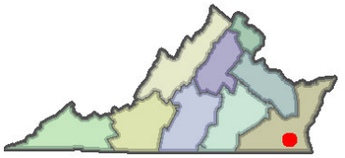
For more information on how to read a scorecard, click here.

George Washington Highway Widening

Project Id: 3545

This project will provide improvements to Rte 17 by expanding the existing three lane undivided roadway to a four lane divided roadway from Yadkin Rd to Canal Dr. Project will also include intersection improvements and new pedestrian facilities.

Submitting Entity: Chesapeake City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: CoSS
(click here for details)



0.8 SMART SCALE SCORE	#307	OF 433 STATEWIDE	SMART SCALE Requested Funds..... **$14,954,143**
	#35	OF 54 DISTRICTWIDE	Total Project Cost..... **$29,954,143**
			Project Benefit..... **1.3**
			Project Benefit / Total Cost..... **0.4**

SMART SCALE Area Type A

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	26.1 persons	8.8 person hrs.	73.4 EPDO	906.8 EPDO / 100M VMT	87.9 jobs per resident	85.4 jobs per resident	130.4 adjusted users	589,460.6 thousand adj sq. ft.	9,845.1 thousand adj daily tons	61,190,599.2 adj. buffer time index	130.4 adjusted points	1.0 scaled points	9,454.1 access * pop/emp density.h	1,463.0 access * pop/emp density change.
Normalized Measure Value (0-100)	0.1	0.1	21.0	1.9	1.5	1.5	0.5	3.0	0.2	1.4	0.9	3.1	0.7	0.4
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.1		11.5		1.3			2.1			2.0		0.6	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%		20%	
Weighted Factor Value	0.1		0.6		0.2			0.1			0.2		0.1	
Project Benefit	1.3													
SMART SCALE Cost	$14,954,143													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.8**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

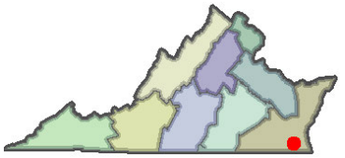
For more information on how to read a scorecard, click here.

Mt Pleasant Road/Great Bridge Bypass Interchange Improvement

Project Id: 3546

Mt Pleasant Road/Great Bridge Bypass Interchange ramp reconfiguration and geometric improvements.

Submitting Entity: Chesapeake City
Preliminary Engineering: Underway
Right of Way: Not Needed
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Safety
(click here for details)



1.4
SMART SCALE SCORE

#252 OF 433 STATEWIDE

#30 OF 54 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$5,963,508**
Total Project Cost.....	**$6,000,708**
Project Benefit.....	**0.8**
Project Benefit / Total Cost.....	**1.4**

SMART SCALE Area Type A

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	323.5 persons	0.0 person hrs.	21.1 EPDO	1,236.3 EPDO / 100M VMT	20.8 jobs per resident	20.0 jobs per resident	158.9 adjusted users	0.0 thousand adj sq. ft.	0.0 thousand adj daily tons	2,247,428.8 adj. buffer time index	0.0 adjusted points	0.5 scaled points	14,378.8 access * pop/emp density.h	3,479.6 access * pop/emp density change.
Normalized Measure Value (0-100)	1.1	0.0	6.0	2.6	0.4	0.3	0.6	0.0	0.0	0.1	0.0	1.5	1.1	1.0
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.6		4.3		0.4			0.0			0.7		1.1	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%		20%	
Weighted Factor Value	0.3		0.2		0.1			0.0			0.1		0.2	
Project Benefit	0.8													
SMART SCALE Cost	$5,963,508													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.4**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

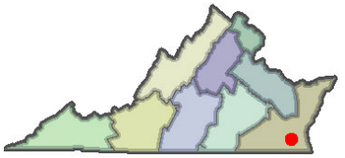
For more information on how to read a scorecard, click here.

Freeman Avenue/Norfolk Portsmouth Beltline Overpass

Project Id: 3547

This project will replace the existing at-grade railroad crossing with an overpass.

Submitting Entity: Chesapeake City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: Regional Network
(click here for details)



0.5
SMART SCALE SCORE

#353 OF 433 STATEWIDE

#44 OF 54 DISTRICTWIDE

SMART SCALE Requested Funds..... **$23,950,741**
Total Project Cost..... **$28,256,673**
Project Benefit..... **1.2**
Project Benefit / Total Cost..... **0.4**

SMART SCALE Area Type A

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	0.0 person hrs.	0.0 EPDO	0.0 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	0.0 thousand adj sq. ft.	0.0 thousand adj daily tons	0.0 adj. buffer time index	0.0 adjusted points	1.0 scaled points	76,026.4 access * pop/emp density.h	15,206.1 access * pop/emp density change.
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	3.0	5.7	4.3
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.0		0.0		0.0			0.0			1.5		5.3	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%		20%	
Weighted Factor Value	0.0		0.0		0.0			0.0			0.1		1.1	
Project Benefit	1.2													
SMART SCALE Cost	$23,950,741													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.5**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

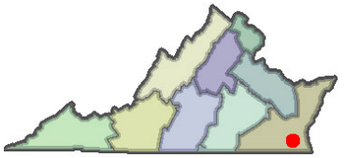
For more information on how to read a scorecard, click here.

Battlefield Blvd/Volvo Pkwy Intersection Improvements

Project Id: 3548

Battlefield Blvd/Volvo Pkwy intersection improvements to include construction of new lanes along both Volvo Pkwy approaches and modifications to the signal and medians.

Submitting Entity: Chesapeake City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: Regional Network
(click here for details)



62.8
SMART SCALE SCORE

#2 OF 433 STATEWIDE

#2 OF 54 DISTRICTWIDE

SMART SCALE Requested Funds..... **$1,447,129**
Total Project Cost..... **$1,475,129**
Project Benefit..... **9.1**
Project Benefit / Total Cost..... **61.6**

SMART SCALE Area Type A														
Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	1,281.4 persons	1,262.4 person hrs.	10.2 EPDO	235.2 EPDO / 100M VMT	652.7 jobs per resident	658.5 jobs per resident	0.0 adjusted users	729,874.8 thousand adj sq. ft.	11,141.1 thousand adj daily tons	36,324,224.2 adj. buffer time index	0.0 adjusted points	7.5 scaled points	63,368.4 access * pop/emp density.h	15,987.4 access * pop/emp density change.
Normalized Measure Value (0-100)	4.5	19.6	2.9	0.5	11.5	11.4	0.0	3.7	0.2	0.8	0.0	22.7	4.8	4.5
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	12.1		1.7		9.2			2.4			11.3		4.7	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%		20%	
Weighted Factor Value	5.4		0.1		1.4			0.1			1.1		0.9	
Project Benefit	9.1													
SMART SCALE Cost	$1,447,129													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**62.8**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

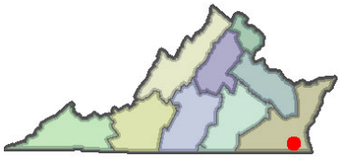
For more information on how to read a scorecard, click here.

Mt. Pleasant Road Improvements Phase 1

Project Id: 3708

Mt. Pleasant Road Ph. 1 improvements will widen the existing 2-lane undivided roadway to a 4-lane divided roadway from the Chesapeake Expressway (Route 168 Bypass) to Etheridge Road, a distance of approximately 0.8 miles.

Submitting Entity: Chesapeake City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: Regional Network
(click here for details)



0.5
SMART SCALE SCORE

#352 OF 433 STATEWIDE

#43 OF 54 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$28,200,283**
Total Project Cost.....	**$30,500,283**
Project Benefit.....	**1.4**
Project Benefit / Total Cost.....	**0.5**

SMART SCALE Area Type A

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	410.8 persons	26.2 person hrs.	38.2 EPDO	658.3 EPDO / 100M VMT	140.0 jobs per resident	132.8 jobs per resident	144.7 adjusted users	0.0 thousand adj sq. ft.	0.0 thousand adj daily tons	16,683,911.4 adj. buffer time index	144.7 adjusted points	1.1 scaled points	11,809.0 access * pop/emp density.h	2,924.1 access * pop/emp density change.
Normalized Measure Value (0-100)	1.5	0.4	11.0	1.4	2.5	2.3	0.5	0.0	0.0	0.4	1.0	3.3	0.9	0.8
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.9		6.2		2.0			0.1			2.1		0.9	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%		20%	
Weighted Factor Value	0.4		0.3		0.3			0.0			0.2		0.2	
Project Benefit	1.4													
SMART SCALE Cost	$28,200,283													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.5**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

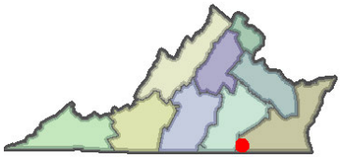
For more information on how to read a scorecard, click here.

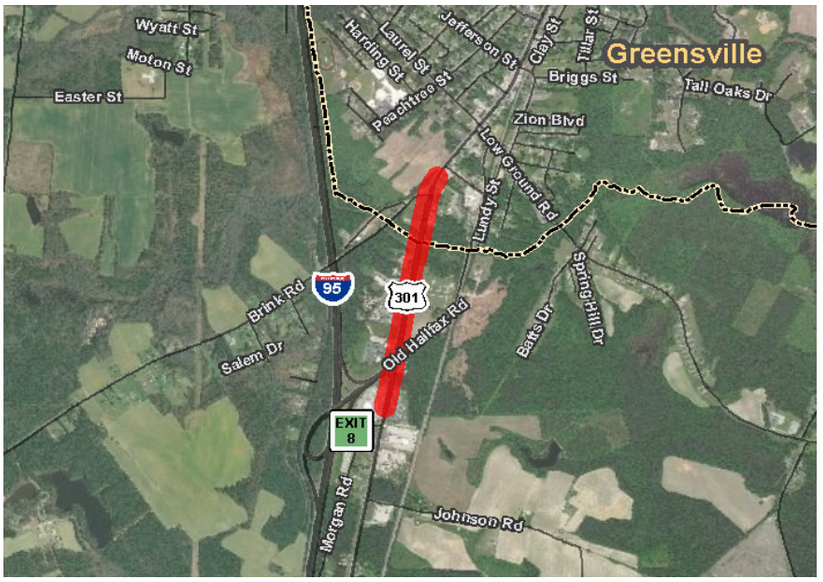
HWY 301S Sidewalk Greensville Project

Project Id: 3884

Sidewalk project to Brookridge Apartments

Submitting Entity:	Greensville County
Preliminary Engineering:	Not Started
Right of Way:	Not Started
Construction:	Not Started
Eligible Fund Program:	District Grant
VTRANS Need:	Safety (click here for details)





9.5
SMART SCALE SCORE

#40 OF 433 STATEWIDE

#9 OF 54 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$576,903**
Total Project Cost.....	**$576,903**
Project Benefit.....	**0.6**
Project Benefit / Total Cost.....	**9.5**

SMART SCALE Area Type D

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	3.5 persons	0.0 person hrs.	3.0 EPDO	1,133.2 EPDO / 100M VMT	0.5 jobs per resident	0.5 jobs per resident	5.3 adjusted users	0.0 thousand adj sq. ft.	0.0 thousand adj daily tons	0.0 adj. buffer time index	0.0 adjusted points	0.5 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	0.9	2.3	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	N/A
Factor Value	0.0		1.6		0.0			0.0			0.7			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%		N/A	
Weighted Factor Value	0.0		0.5		0.0			0.0			0.1			
Project Benefit	0.6													
SMART SCALE Cost	$576,903													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**9.5**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

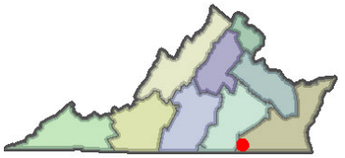
For more information on how to read a scorecard, click here.

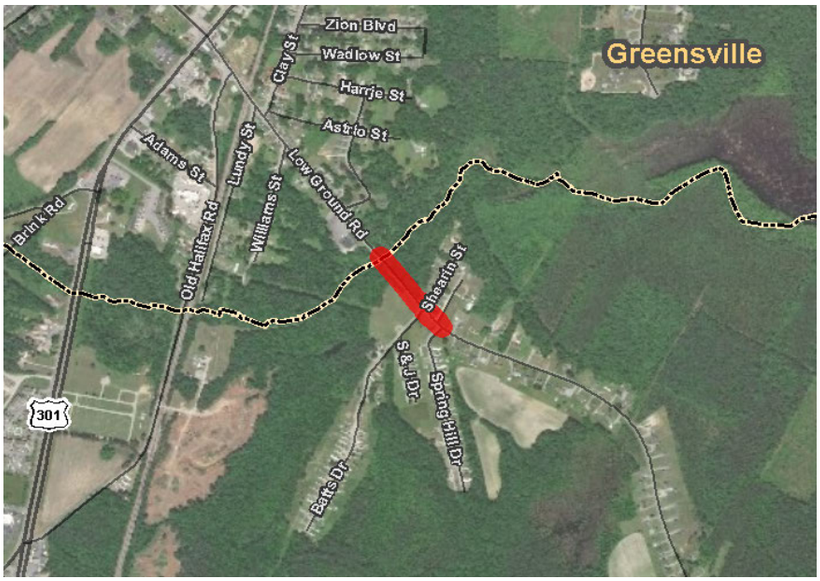
Low Ground Road Sidewalk Project

Project Id: 4085

Sidewalk Project to Spring Hill Village Manufactured Home Park

Submitting Entity: Greensville County
Preliminary Engineering: Not Started
Right of Way: Not Needed
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Safety
(click here for details)





0.0
SMART SCALE SCORE

#425 OF 433 STATEWIDE

#54 OF 54 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$334,455**
Total Project Cost.....	**$334,455**
Project Benefit.....	**0.0**
Project Benefit / Total Cost.....	**0.0**

SMART SCALE Area Type D

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.9 persons	0.0 person hrs.	0.0 EPDO	0.0 EPDO / 100M VMT	0.1 jobs per resident	0.1 jobs per resident	1.4 adjusted users	0.0 thousand adj sq. ft.	0.0 thousand adj daily tons	0.0 adj. buffer time index	0.0 adjusted points	0.0 scaled points	access * pop/emp density.h	access * pop/emp density change.
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	N/A
Factor Value	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	$334,455													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.0**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

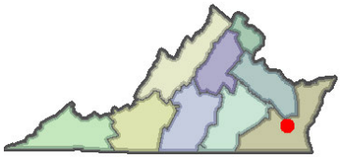
For more information on how to read a scorecard, click here.

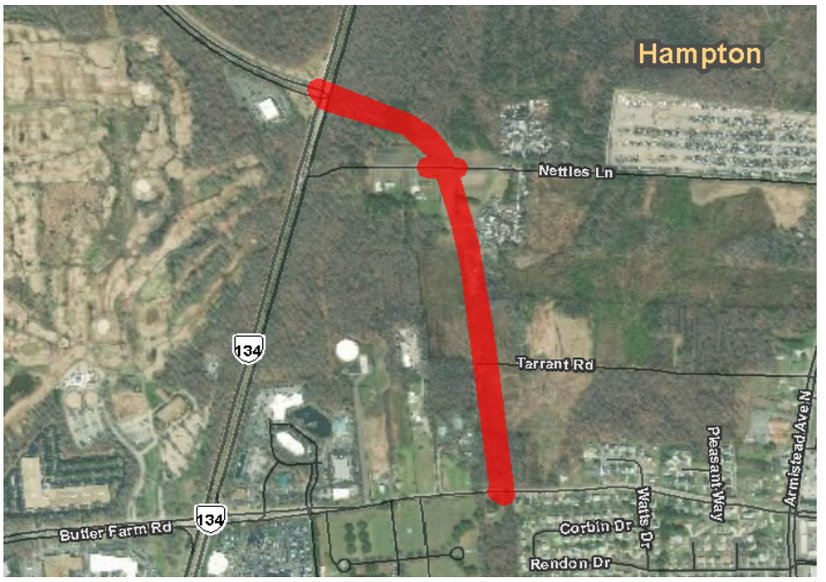
Coliseum Drive Extension Phase B

Project Id: 3451

Extension of Coliseum Drive from Butler Farm Road to the Magruder Boulevard/North Campus Parkway Intersection

Submitting Entity: Hampton City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Urban Development Area
(click here for details)





1.3
SMART SCALE SCORE

#264 OF 433 STATEWIDE

#31 OF 54 DISTRICTWIDE

SMART SCALE Requested Funds..... **$23,345,623**
Total Project Cost..... **$24,193,124**
Project Benefit..... **2.9**
Project Benefit / Total Cost..... **1.2**

SMART SCALE Area Type A

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	1,071.2 persons	303.8 person hrs.	0.0 EPDO	0.0 EPDO / 100M VMT	35.8 jobs per resident	36.2 jobs per resident	10.2 adjusted users	267,051.4 thousand adj sq. ft.	624.0 thousand adj daily tons	0.0 adj. buffer time index	18.7 adjusted points	1.3 scaled points	53,905.0 access * pop/emp density.h	6,760.5 access * pop/emp density change.
Normalized Measure Value (0-100)	3.8	4.7	0.0	0.0	0.6	0.6	0.0	1.4	0.0	0.0	0.1	3.9	4.1	1.9
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	4.3		0.0		0.5			0.8			2.0		3.4	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%		20%	
Weighted Factor Value	1.9		0.0		0.1			0.0			0.2		0.7	
Project Benefit	2.9													
SMART SCALE Cost	$23,345,623													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.3**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

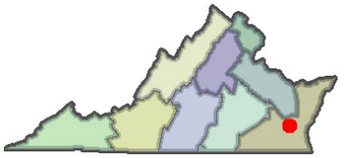
For more information on how to read a scorecard, click here.

Little Back River Peak Directional & Two Way Left Turn Lane

Project Id: 3646

Phase 2 realignment of Little Back River Rd w/new Alternating Peak Directional Center Lane and two way left turn lane to reduce congestion (mostly attributed to Langley Air Force Base) & improve safety for bicyclists, pedestrians & motorists.

Submitting Entity: Hampton City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Urban Development Area
(click here for details)



1.1
SMART SCALE SCORE

#280 OF 433 STATEWIDE

#33 OF 54 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$8,835,000**
Total Project Cost.....	**$8,835,000**
Project Benefit.....	**1.0**
Project Benefit / Total Cost.....	**1.1**

SMART SCALE Area Type A

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	23.3 persons	0.2 person hrs.	18.4 EPDO	737.0 EPDO / 100M VMT	8.6 jobs per resident	8.9 jobs per resident	69.9 adjusted users	112,942.8 thousand adj sq. ft.	0.0 thousand adj daily tons	3,145,859.1 adj. buffer time index	104.8 adjusted points	0.8 scaled points	46,194.8 access * pop/emp density.h	6,039.4 access * pop/emp density change.
Normalized Measure Value (0-100)	0.1	0.0	5.3	1.5	0.2	0.2	0.2	0.6	0.0	0.1	0.7	2.4	3.5	1.7
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.0		3.4		0.2			0.4			1.6		3.0	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%		20%	
Weighted Factor Value	0.0		0.2		0.0			0.0			0.2		0.6	
Project Benefit	1.0													
SMART SCALE Cost	$8,835,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.1**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT · DRPT · Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

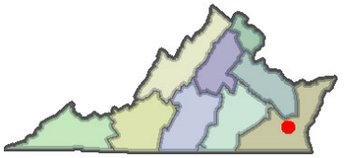
For more information on how to read a scorecard, click here.

N Armistead Ave Reconstruction, Ped, & Drainage Improvements

Project Id: 3670

This project will be a reconstruction of Armistead Avenue between Thomas Street and Convention Center Boulevard to mitigate drainage issues & provide pedestrian/ADA access and associated amenities along both sides of the roadway.

Submitting Entity:	Hampton City
Preliminary Engineering:	Underway
Right of Way:	Not Started
Construction:	Not Started
Eligible Fund Program:	District Grant
VTRANS Need:	Urban Development Area (click here for details)



3.8
SMART SCALE SCORE

#121 OF 433 STATEWIDE

#15 OF 54 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$4,818,528**
Total Project Cost.....	**$5,298,528**
Project Benefit.....	**1.8**
Project Benefit / Total Cost.....	**3.5**

SMART SCALE Area Type A

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	20.1 persons	0.0 person hrs.	31.8 EPDO	723.7 EPDO / 100M VMT	13.8 jobs per resident	14.0 jobs per resident	30.1 adjusted users	0.0 thousand adj sq. ft.	0.0 thousand adj daily tons	9,490,886.2 adj. buffer time index	0.0 adjusted points	1.4 scaled points	102,686.4 access * pop/emp density.h	13,680.8 access * pop/emp density change.
Normalized Measure Value (0-100)	0.1	0.0	9.1	1.5	0.2	0.2	0.1	0.0	0.0	0.2	0.0	4.3	7.8	3.9
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.0		5.3		0.2			0.0			2.1		6.6	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%		20%	
Weighted Factor Value	0.0		0.3		0.0			0.0			0.2		1.3	
Project Benefit	1.8													
SMART SCALE Cost	$4,818,528													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**3.8**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT · DRPT · Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

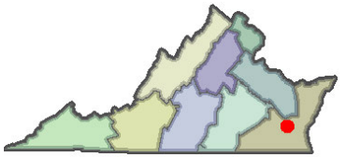
For more information on how to read a scorecard, click here.

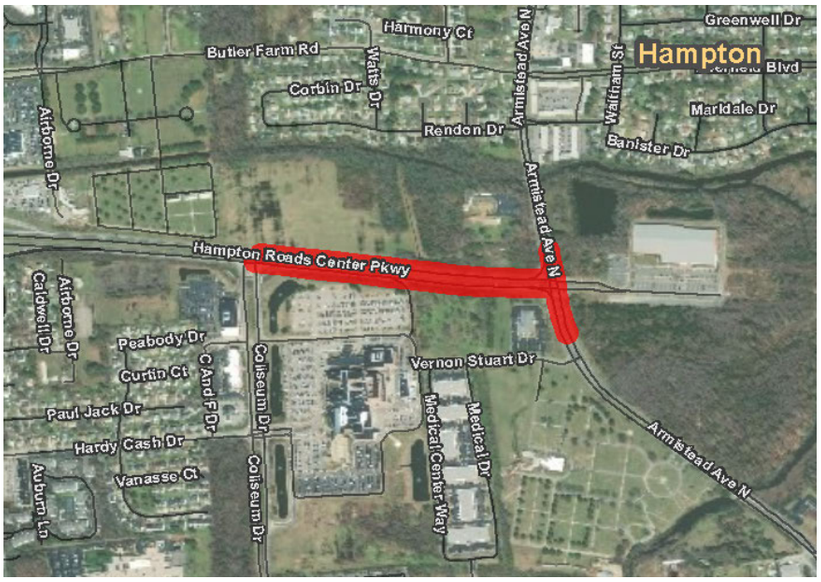
Hampton Roads Center Pkwy Bike & Pedestrian Access

Project Id: 3672

This project provides pedestrian/ADA access and associated amenities along Hampton Roads Center Parkway between Coliseum Drive and Armistead Avenue, including improvements to pedestrian access and safety at both of the endpoint intersections.

Submitting Entity: Hampton City
Preliminary Engineering: Underway
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Urban Development Area
(click here for details)





6.4 SMART SCALE SCORE	#71	OF 433 STATEWIDE	SMART SCALE Requested Funds..... **$2,158,325**
	#13	OF 54 DISTRICTWIDE	Total Project Cost..... **$2,163,325**
			Project Benefit..... **1.4**
			Project Benefit / Total Cost..... **6.4**

SMART SCALE Area Type A

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	43.9 persons	0.0 person hrs.	42.8 EPDO	945.4 EPDO / 100M VMT	6.1 jobs per resident	6.1 jobs per resident	131.8 adjusted users	47,136.1 thousand adj sq. ft.	0.0 thousand adj daily tons	0.0 adj. buffer time index	0.0 adjusted points	0.9 scaled points	64,801.9 access * pop/emp density.h	8,173.4 access * pop/emp density change.
Normalized Measure Value (0-100)	0.2	0.0	12.3	2.0	0.1	0.1	0.5	0.2	0.0	0.0	0.0	2.7	4.9	2.3
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.1		7.1		0.2			0.1			1.4		4.1	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%		20%	
Weighted Factor Value	0.0		0.4		0.0			0.0			0.1		0.8	
Project Benefit	1.4													
SMART SCALE Cost	$2,158,325													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**6.4**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

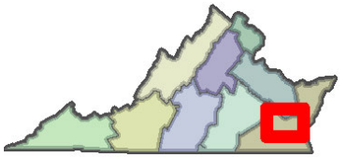
For more information on how to read a scorecard, click here.

Newport News Shipyard - Gloucester MAX Service

Project Id: 4947

HRT is seeking funding for the purchase of two (2) buses to create express commuter bus service between Gloucester, York County, and the Newport News Shipyard.

Submitting Entity: Hampton Roads Transit
Preliminary Engineering: Not Needed
Right of Way: Not Needed
Construction: Not Started
Eligible Fund Program: Statewide High Priority
VTRANS Need: CoSS
(click here for details)



7.5
SMART SCALE SCORE

#57 OF 433 STATEWIDE

#11 OF 54 DISTRICTWIDE

SMART SCALE Requested Funds..... **$1,200,000**
Total Project Cost..... **$1,200,000**
Project Benefit..... **0.9**
Project Benefit / Total Cost..... **7.5**

SMART SCALE Area Type A														
Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	56.3 persons	5.4 person hrs.	10.4 EPDO	1.7 EPDO / 100M VMT	23.7 jobs per resident	24.3 jobs per resident	281.3 adjusted users	0.0 thousand adj sq. ft.	0.0 thousand adj daily tons	466,294.8 adj. buffer time index	56.3 adjusted points	0.8 scaled points	36,321.7 access * pop/emp density.h	5,067.8 access * pop/emp density change.
Normalized Measure Value (0-100)	0.2	0.1	3.0	0.0	0.4	0.4	1.0	0.0	0.0	0.0	0.4	2.4	2.7	1.4
Measure Weight (% of Factor)	50%	50%	100%	0%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.1		3.0		0.5			0.0			1.4		2.3	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%		20%	
Weighted Factor Value	0.1		0.1		0.1			0.0			0.1		0.5	
Project Benefit	0.9													
SMART SCALE Cost	$1,200,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**7.5**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

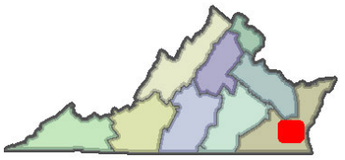
For more information on how to read a scorecard, click here.

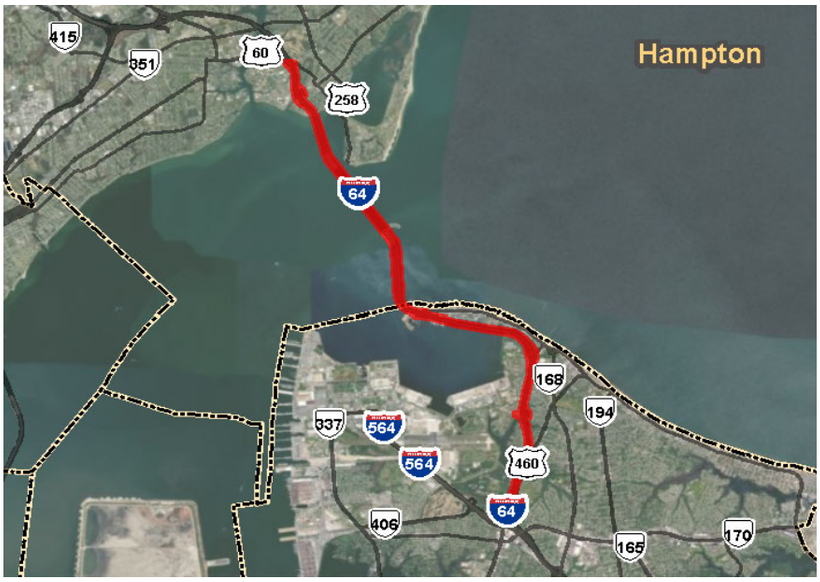
Hampton Roads Bridge-Tunnel Widening/I-64 Expansion

Project Id: 3470

Expand the Hampton Roads Bridge-Tunnel to allow for 8 lanes of capacity across the Hampton Roads Harbor & improve the I-64 corridor to provide 6 lanes of capacity from Settlers Landing Road interchange in Hampton to the I-564 interchange in Norfolk.

Submitting Entity: Hampton Roads Transportation Planning Organization
Preliminary Engineering: Underway
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Statewide High Priority
VTRANS Need: CoSS
(click here for details)





3.7
SMART SCALE SCORE

#130 OF 433 STATEWIDE

#17 OF 54 DISTRICTWIDE

SMART SCALE Requested Funds..... **$200,000,000**
Total Project Cost..... **$3,662,372,004**
Project Benefit..... **74.2**
Project Benefit / Total Cost..... **0.2**

SMART SCALE Area Type A

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	28,220.3 persons	6,436.4 person hrs.	260.6 EPDO	88.7 EPDO / 100M VMT	5,675.8 jobs per resident	5,786.3 jobs per resident	28,005.0 adjusted users	574,797.9 thousand adj sq. ft.	4,719,819.5 thousand adj daily tons	4,361,710,607.7 adj. buffer time index	8,401.5 adjusted points	33.0 scaled points	175,004.6 access * pop/emp density.h	22,583.4 access * pop/emp density change.
Normalized Measure Value (0-100)	100.0	100.0	74.7	0.2	100.0	100.0	100.0	2.9	100.0	100.0	59.3	100.0	13.2	6.4
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	100.0		37.5		100.0			41.8			79.7		11.2	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%		20%	
Weighted Factor Value	45.0		1.9		15.0			2.1			8.0		2.2	
Project Benefit	74.2													
SMART SCALE Cost	$200,000,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**3.7**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

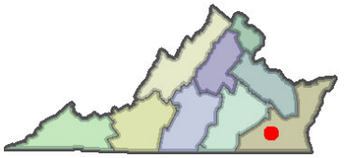
For more information on how to read a scorecard, click here.

Broadwater (Route 620) Reconstruction with No New Capacity

Project Id: 4581

Reconstruction of 1.78 miles of roadway with widened lane sizes, improved shoulders, and stormwater and drainage improvements.

Submitting Entity: Isle of Wight County
Preliminary Engineering: Underway
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Safety
(click here for details)



0.2
SMART SCALE SCORE

#403 OF 433 STATEWIDE

#52 OF 54 DISTRICTWIDE

SMART SCALE Requested Funds..... **$8,732,351**
Total Project Cost..... **$8,732,351**
Project Benefit..... **0.2**
Project Benefit / Total Cost..... **0.2**

SMART SCALE Area Type A

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	0.0 person hrs.	12.6 EPDO	1,075.7 EPDO / 100M VMT	0.2 jobs per resident	0.2 jobs per resident	0.0 adjusted users	0.0 thousand adj sq. ft.	0.0 thousand adj daily tons	534,129.7 adj. buffer time index	0.0 adjusted points	0.1 scaled points	9.9 access * pop/emp density.h	3.1 access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	3.6	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.0		2.9		0.0			0.0			0.2		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	$8,732,351													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.2**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

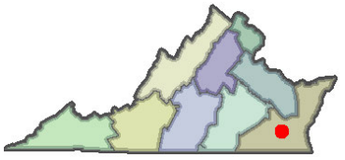
For more information on how to read a scorecard, click here.

Carrollton Boulevard (Route 17) Crosswalks

Project Id: 4971

This project will provide a safe pedestrian facility to cross Carrollton Boulevard (Route 17) at the intersection of Carrollton Blvd (Route 17) and Eagle Harbor Parkway and a crossing at Smiths Neck Road and Graystone Drive.

Submitting Entity: Isle of Wight County
Preliminary Engineering: Not Started
Right of Way: Not Needed
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: Regional Network
(click here for details)



3.8
SMART SCALE SCORE

#123 OF 433 STATEWIDE

#16 OF 54 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$212,000**
Total Project Cost.....	**$212,000**
Project Benefit.....	**0.1**
Project Benefit / Total Cost.....	**3.8**

SMART SCALE Area Type A

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	23.4 persons	0.0 person hrs.	0.8 EPDO	90.7 EPDO / 100M VMT	5.4 jobs per resident	5.3 jobs per resident	35.1 adjusted users	0.0 thousand adj sq. ft.	0.0 thousand adj daily tons	372,202.3 adj. buffer time index	0.0 adjusted points	0.1 scaled points	1,556.7 access * pop/emp density.h	648.2 access * pop/emp density change.
Normalized Measure Value (0-100)	0.1	0.0	0.2	0.2	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.2	0.1	0.2
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.0		0.2		0.1			0.0			0.1		0.1	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%		20%	
Weighted Factor Value	0.0		0.0		0.0			0.0			0.0		0.0	
Project Benefit	0.1													
SMART SCALE Cost	$212,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**3.8**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

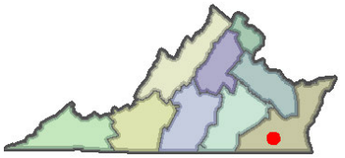
For more information on how to read a scorecard, click here.

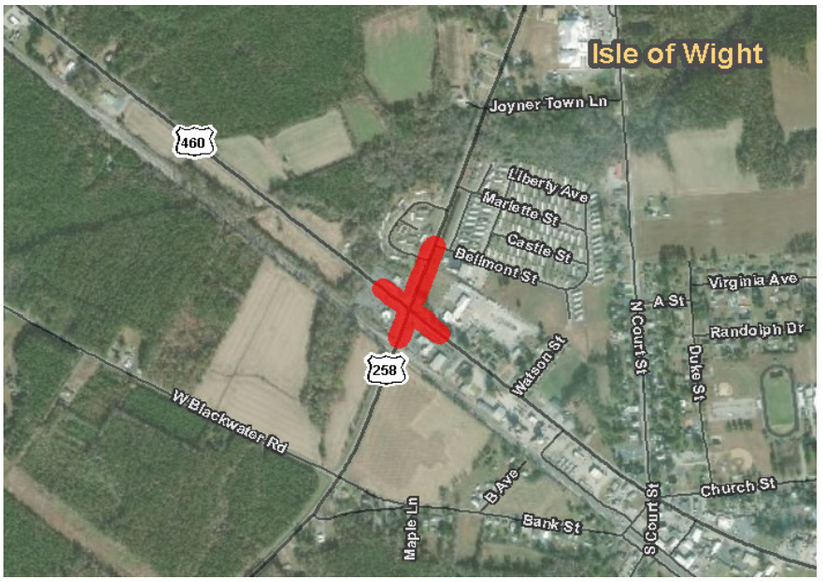
U.S. Route 460 at U.S. Route 258 Turn Lane Improvements

Project Id: 5080

The proposed project involves widening the along the east side of U.S. Route 258 at the U.S. Route 460 intersection to accommodate new left-turn lanes and pedestrian facilities.

Submitting Entity: Isle of Wight County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: Regional Network
(click here for details)





1.2
SMART SCALE SCORE

#269 OF 433 STATEWIDE

#32 OF 54 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$3,234,936**
Total Project Cost.....	**$3,234,936**
Project Benefit.....	**0.4**
Project Benefit / Total Cost.....	**1.2**

SMART SCALE Area Type A

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	11.5 persons	0.6 person hrs.	7.5 EPDO	1,076.3 EPDO / 100M VMT	1.7 jobs per resident	1.8 jobs per resident	17.2 adjusted users	0.0 thousand adj sq. ft.	35,950.5 thousand adj daily tons	1,449,375.6 adj. buffer time index	577.0 adjusted points	0.3 scaled points	195.7 access * pop/emp density.h	85.3 access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	2.2	2.2	0.0	0.0	0.1	0.0	0.8	0.0	4.1	1.0	0.0	0.0
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.0		2.2		0.0			0.2			2.5		0.0	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%		20%	
Weighted Factor Value	0.0		0.1		0.0			0.0			0.3		0.0	
Project Benefit	0.4													
SMART SCALE Cost	$3,234,936													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.2**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

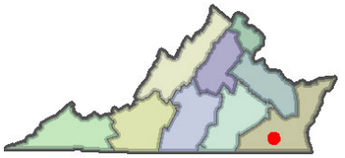
For more information on how to read a scorecard, click here.

U.S. Route 460 at Five Points Intersection Improvements

Project Id: 5082

The proposed project involves removing one (1) of the six (6) approaches at the intersection of U.S. Route 460 with Court Street, Bank Street, and Church Street to allow it to operate as a four-leg, signalized intersection.

Submitting Entity: Isle of Wight County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: CoSS
(click here for details)



0.2
SMART SCALE SCORE

#402 OF 433 STATEWIDE

#51 OF 54 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$2,153,180**
Total Project Cost.....	**$2,153,180**
Project Benefit.....	**0.0**
Project Benefit / Total Cost.....	**0.2**

SMART SCALE Area Type A

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	9.5 persons	0.0 person hrs.	1.9 EPDO	184.1 EPDO / 100M VMT	0.1 jobs per resident	0.1 jobs per resident	14.2 adjusted users	0.0 thousand adj sq. ft.	0.0 thousand adj daily tons	803,986.4 adj. buffer time index	0.0 adjusted points	0.0 scaled points	184.5 access * pop/emp density.h	80.7 access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	0.5	0.4	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.0		0.5		0.0			0.0			0.0		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	0.0													
SMART SCALE Cost	$2,153,180													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.2**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

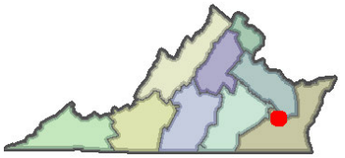
For more information on how to read a scorecard, click here.

Pocahontas Trail (Rt 60) Improvements

Project Id: 3920

Continuous center left-turn lane, 8' SUP, 5' sidewalk, curb/gutter, closed drainage, landscaped buffer, roadway/ped lighting, new crosswalks w/ped refuge, transit stop improvements w/bus pull-offs + shelters, and undergrounding of overhead utilities

Submitting Entity: James City County
Preliminary Engineering: Underway
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: CoSS
(click here for details)



0.2
SMART SCALE SCORE

#409 OF 433 STATEWIDE

#53 OF 54 DISTRICTWIDE

SMART SCALE Requested Funds..... **$30,850,734**
Total Project Cost..... **$42,394,000**
Project Benefit..... **0.5**
Project Benefit / Total Cost..... **0.1**

SMART SCALE Area Type A														
Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	19.0 persons	0.6 person hrs.	36.1 EPDO	531.2 EPDO / 100M VMT	1.2 jobs per resident	1.2 jobs per resident	94.9 adjusted users	152,459.2 thousand adj sq. ft.	65,101.5 thousand adj daily tons	27,360,939.1 adj. buffer time index	104.4 adjusted points	0.3 scaled points	3,053.4 access * pop/emp density.h	849.6 access * pop/emp density change.
Normalized Measure Value (0-100)	0.1	0.0	10.3	1.1	0.0	0.0	0.3	0.8	1.4	0.6	0.7	1.0	0.2	0.2
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.0		5.7		0.1			0.9			0.9		0.2	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%		20%	
Weighted Factor Value	0.0		0.3		0.0			0.0			0.1		0.0	
Project Benefit	0.5													
SMART SCALE Cost	$30,850,734													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.2**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

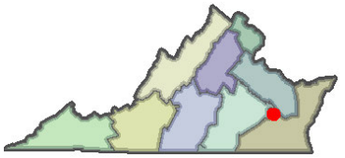
For more information on how to read a scorecard, click here.

Longhill Road Shared Use Path

Project Id: 4125

Construction of a shared use path to fill gaps on Longhill Rd from DePue Dr to Lane Place

Submitting Entity: James City County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: Regional Network
(click here for details)



1.8
SMART SCALE SCORE

#224 OF 433 STATEWIDE

#25 OF 54 DISTRICTWIDE

SMART SCALE Requested Funds..... **$4,400,000**
Total Project Cost..... **$4,400,000**
Project Benefit..... **0.8**
Project Benefit / Total Cost..... **1.8**

SMART SCALE Area Type A														
Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	18.0 persons	0.0 person hrs.	16.8 EPDO	510.6 EPDO / 100M VMT	53.3 jobs per resident	53.0 jobs per resident	54.0 adjusted users	0.0 thousand adj sq. ft.	0.0 thousand adj daily tons	0.0 adj. buffer time index	0.0 adjusted points	0.6 scaled points	26,981.2 access * pop/emp density.h	8,890.0 access * pop/emp density change.
Normalized Measure Value (0-100)	0.1	0.0	4.8	1.1	0.9	0.9	0.2	0.0	0.0	0.0	0.0	1.8	2.0	2.5
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.0		2.9		0.8			0.0			0.9		2.2	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%		20%	
Weighted Factor Value	0.0		0.1		0.1			0.0			0.1		0.4	
Project Benefit	0.8													
SMART SCALE Cost	$4,400,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.8**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

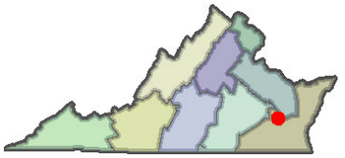
For more information on how to read a scorecard, click here.

Pocahontas Trail (Rt 60) Improvements - Segments C & D

Project Id: 4225

Continuous center left-turn lane, 8' SUP, 5' sidewalk, curb/gutter, closed drainage, landscaped buffer, roadway/ped lighting, new crosswalks w/ped refuge, transit stop improvements w/bus pull-offs + shelters, and undergrounding overhead utilities

Submitting Entity: James City County
Preliminary Engineering: Underway
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: CoSS
(click here for details)



0.4
SMART SCALE SCORE

#371 OF 433 STATEWIDE

#47 OF 54 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$4,319,934**
Total Project Cost.....	**$11,944,000**
Project Benefit.....	**0.2**
Project Benefit / Total Cost.....	**0.1**

SMART SCALE Area Type A

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	11.0 persons	0.2 person hrs.	3.6 EPDO	212.7 EPDO / 100M VMT	3.3 jobs per resident	3.4 jobs per resident	55.0 adjusted users	63,101.8 thousand adj sq. ft.	15,878.4 thousand adj daily tons	3,832,248.1 adj. buffer time index	60.5 adjusted points	0.1 scaled points	3,323.2 access * pop/emp density.h	983.4 access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	1.0	0.4	0.1	0.1	0.2	0.3	0.3	0.1	0.4	0.4	0.3	0.3
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.0		0.7		0.1			0.3			0.4		0.3	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%		20%	
Weighted Factor Value	0.0		0.0		0.0			0.0			0.0		0.1	
Project Benefit	0.2													
SMART SCALE Cost	$4,319,934													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.4**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

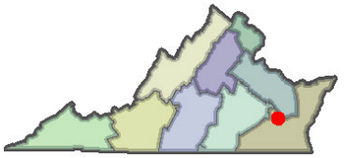
For more information on how to read a scorecard, click here.

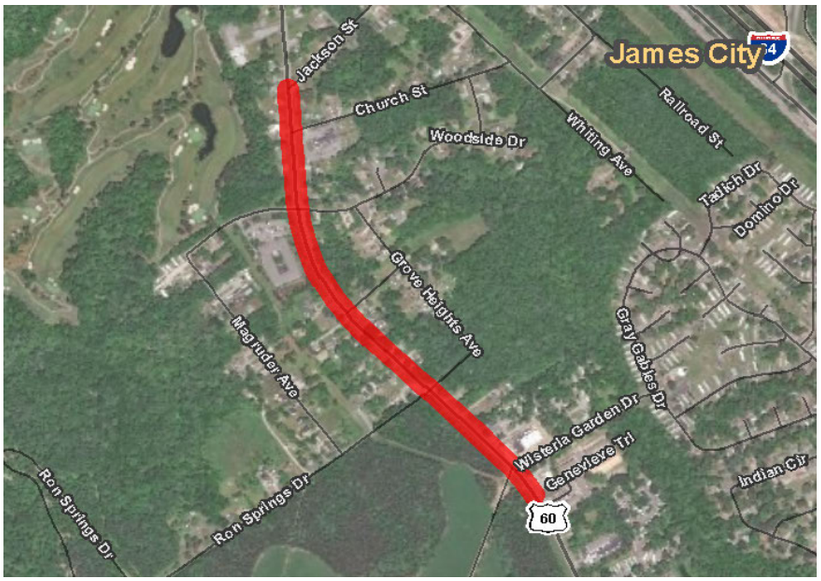
Pocahontas Trail (Rt 60) Improvements - Segments C,D & E1

Project Id: 4290

Continuous center left-turn lane, 8' SUP, 5' sidewalk, curb/gutter, closed drainage, landscaped buffer, roadway/ped lighting, new crosswalks w/ped refuge, transit stop improvements w/bus pull-offs + shelters, and undergrounding overhead utilities

Submitting Entity: James City County
Preliminary Engineering: Underway
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: CoSS
(click here for details)





0.3
SMART SCALE SCORE

#377 OF 433 STATEWIDE

#48 OF 54 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$7,713,934**
Total Project Cost.....	**$15,338,000**
Project Benefit.....	**0.2**
Project Benefit / Total Cost.....	**0.2**

SMART SCALE Area Type A														
Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	35.7 persons	0.2 person hrs.	5.5 EPDO	232.0 EPDO / 100M VMT	20.2 jobs per resident	20.8 jobs per resident	64.6 adjusted users	63,101.8 thousand adj sq. ft.	22,782.1 thousand adj daily tons	4,622,216.4 adj. buffer time index	71.0 adjusted points	0.2 scaled points	3,360.3 access * pop/emp density.h	990.8 access * pop/emp density change.
Normalized Measure Value (0-100)	0.1	0.0	1.6	0.5	0.4	0.4	0.2	0.3	0.5	0.1	0.5	0.5	0.3	0.3
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.1		1.0		0.3			0.3			0.5		0.3	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%		20%	
Weighted Factor Value	0.0		0.1		0.0			0.0			0.1		0.1	
Project Benefit	0.2													
SMART SCALE Cost	$7,713,934													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.3**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

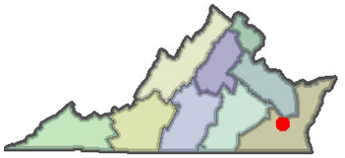
For more information on how to read a scorecard, click here.

Warwick Blvd & Oyster Point Rd Intersection Improvements

Project Id: 3463

Install a third southbound left turn lane on Warwick Boulevard as well as a corresponding receiving lane eastbound on Oyster Point Road to alleviate congestion for the southbound left and northbound through traffic on Warwick Boulevard.

Submitting Entity: Newport News City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: CoSS
(click here for details)



3.0
SMART SCALE SCORE

#150 OF 433 STATEWIDE

#19 OF 54 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$5,445,737**
Total Project Cost.....	**$5,445,737**
Project Benefit.....	**1.6**
Project Benefit / Total Cost.....	**3.0**

SMART SCALE Area Type A

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	76.9 persons	44.6 person hrs.	12.3 EPDO	228.6 EPDO / 100M VMT	26.6 jobs per resident	27.6 jobs per resident	384.7 adjusted users	0.0 thousand adj sq. ft.	5,092.0 thousand adj daily tons	39,655,023.5 adj. buffer time index	230.8 adjusted points	1.3 scaled points	72,620.2 access * pop/emp density.h	9,632.2 access * pop/emp density change.
Normalized Measure Value (0-100)	0.3	0.7	3.5	0.5	0.5	0.5	1.4	0.0	0.1	0.9	1.6	4.0	5.5	2.7
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.5		2.0		0.7			0.2			2.8		4.7	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%		20%	
Weighted Factor Value	0.2		0.1		0.1			0.0			0.3		0.9	
Project Benefit	1.6													
SMART SCALE Cost	$5,445,737													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**3.0**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

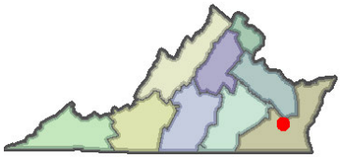
For more information on how to read a scorecard, click here.

Jefferson Ave & Oyster Point Rd Intersection Improvements

Project Id: 3581

Installation of a third eastbound left turn lane on Oyster Point Road and a third westbound receiving lane on Oyster Point Road to coupled with signal timing changes to improve operational efficiency for all movements.

Submitting Entity: Newport News City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: Regional Network
(click here for details)



6.7
SMART SCALE SCORE

#68 OF 433 STATEWIDE

#12 OF 54 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$10,856,521**
Total Project Cost.....	**$10,856,521**
Project Benefit.....	**7.3**
Project Benefit / Total Cost.....	**6.7**

SMART SCALE Area Type A

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	1,819.9 persons	971.3 person hrs.	13.3 EPDO	441.4 EPDO / 100M VMT	25.7 jobs per resident	26.6 jobs per resident	561.8 adjusted users	0.0 thousand adj sq. ft.	17,777.2 thousand adj daily tons	22,871,768.2 adj. buffer time index	749.1 adjusted points	5.6 scaled points	82,735.2 access * pop/emp density.h	10,889.1 access * pop/emp density change.
Normalized Measure Value (0-100)	6.4	15.1	3.8	0.9	0.5	0.5	2.0	0.0	0.4	0.5	5.3	16.9	6.2	3.1
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	10.8		2.4		0.8			0.2			11.1		5.3	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%		20%	
Weighted Factor Value	4.8		0.1		0.1			0.0			1.1		1.1	
Project Benefit	7.3													
SMART SCALE Cost	$10,856,521													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**6.7**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT · DRPT · Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

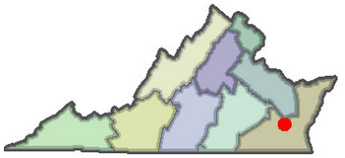
For more information on how to read a scorecard, click here.

J. Clyde Morris Blvd Intersection Improvements

Project Id: 3583

Improve efficiency for three consecutive intersections with two 500 ft. long sections of lane infill. J. Clyde Morris Blvd (US 17) alternates between a two and three lane configuration eastbound between I-64 and the City Line causing congestion.

Submitting Entity: Newport News City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: CoSS
(click here for details)



7.6
SMART SCALE SCORE

#54 OF 433 STATEWIDE

#10 OF 54 DISTRICTWIDE

SMART SCALE Requested Funds..... **$1,768,528**
Total Project Cost..... **$1,768,528**
Project Benefit..... **1.3**
Project Benefit / Total Cost..... **7.6**

SMART SCALE Area Type A

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	75.9 persons	0.1 person hrs.	20.0 EPDO	932.8 EPDO / 100M VMT	0.2 jobs per resident	0.2 jobs per resident	189.9 adjusted users	0.0 thousand adj sq. ft.	21,981.9 thousand adj daily tons	15,494,470.0 adj. buffer time index	151.9 adjusted points	1.0 scaled points	66,275.2 access * pop/emp density.h	9,430.9 access * pop/emp density change.
Normalized Measure Value (0-100)	0.3	0.0	5.7	1.9	0.0	0.0	0.7	0.0	0.5	0.4	1.1	2.9	5.0	2.7
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.1		3.8		0.1			0.2			2.0		4.3	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%		20%	
Weighted Factor Value	0.1		0.2		0.0			0.0			0.2		0.9	
Project Benefit	1.3													
SMART SCALE Cost	$1,768,528													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**7.6**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

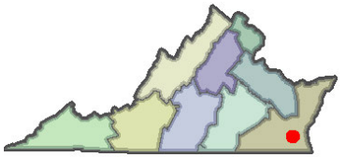
For more information on how to read a scorecard, click here.

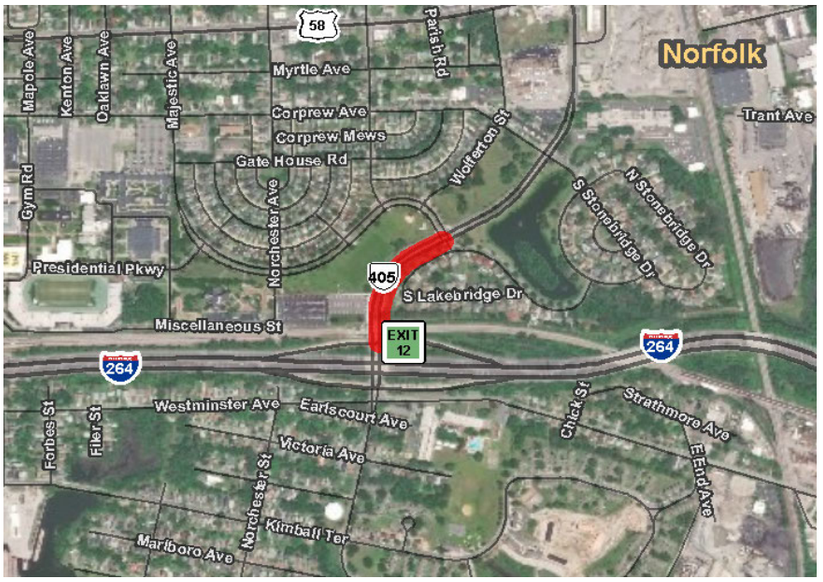
Ballentine Blvd Lane Improvements

Project Id: 3966

Lane realignment and lengthening of right turn lane at the intechange of Ballentine Blvd & the I-264 on/off ramps. The extension will increase capacity at this complex interchange involving the interstate, Tide LRT crossing, and City streets.

Submitting Entity: Norfolk City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: Regional Network
(click here for details)





51.8 SMART SCALE SCORE	**#4**	OF 433 STATEWIDE	SMART SCALE Requested Funds..... **$1,067,388**
	#4	OF 54 DISTRICTWIDE	Total Project Cost..... **$1,067,388**
			Project Benefit..... **5.5**
			Project Benefit / Total Cost..... **51.8**

SMART SCALE Area Type A														
Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	0.0 person hrs.	2.6 EPDO	163.5 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	0.0 thousand adj sq. ft.	0.0 thousand adj daily tons	10,137,689.7 adj. buffer time index	0.0 adjusted points	4.4 scaled points	353,104.3 access * pop/emp density.h	64,286.5 access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	0.7	0.3	0.0	0.0	0.0	0.0	0.0	0.2	0.0	13.4	26.7	18.2
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.0		0.5		0.0			0.0			6.7		24.1	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%		20%	
Weighted Factor Value	0.0		0.0		0.0			0.0			0.7		4.8	
Project Benefit	5.5													
SMART SCALE Cost	$1,067,388													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**51.8**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

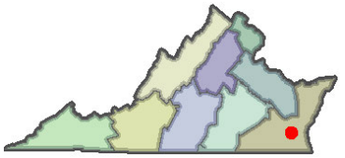
For more information on how to read a scorecard, click here.

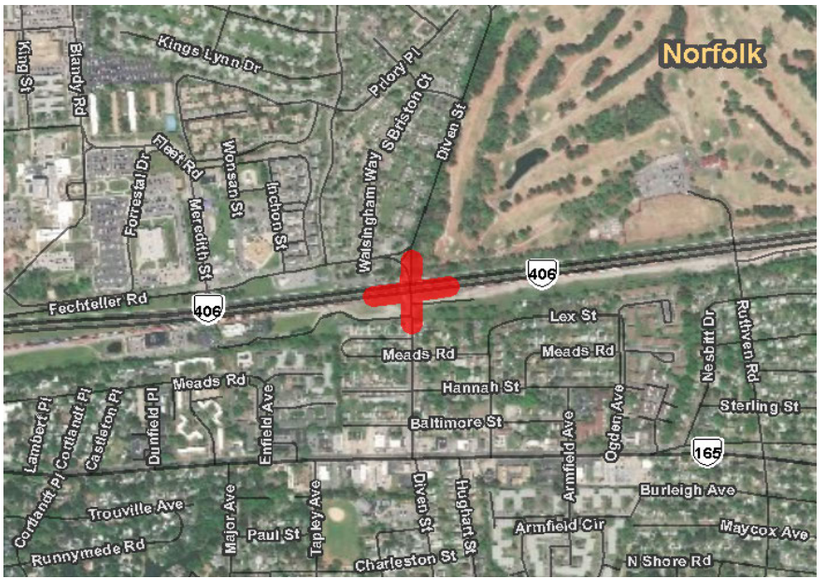
Terminal Blvd/Diven St Intersection Improvements

Project Id: 4057

Modify and re-stripe intersection to reduce queues and provide better turning movements for vehicles.

Submitting Entity: Norfolk City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: Regional Network
(click here for details)





19.2
SMART SCALE SCORE

#19 OF 433 STATEWIDE

#7 OF 54 DISTRICTWIDE

SMART SCALE Requested Funds..... **$1,732,600**
Total Project Cost..... **$1,732,600**
Project Benefit..... **3.3**
Project Benefit / Total Cost..... **19.2**

SMART SCALE Area Type A

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	1.4 persons	0.1 person hrs.	13.7 EPDO	949.3 EPDO / 100M VMT	19.5 jobs per resident	19.7 jobs per resident	2.1 adjusted users	0.0 thousand adj sq. ft.	59,235.2 thousand adj daily tons	6,522,087.6 adj. buffer time index	2.8 adjusted points	2.0 scaled points	213,746.8 access * pop/emp density.h	32,516.8 access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	3.9	2.0	0.3	0.3	0.0	0.0	1.3	0.1	0.0	6.2	16.1	9.2
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.0		2.9		0.3			0.3			3.1		14.1	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%		20%	
Weighted Factor Value	0.0		0.1		0.0			0.0			0.3		2.8	
Project Benefit	3.3													
SMART SCALE Cost	$1,732,600													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**19.2**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT · DRPT · Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

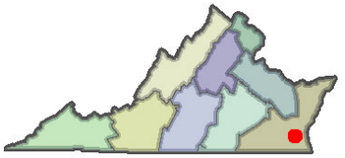
For more information on how to read a scorecard, click here.

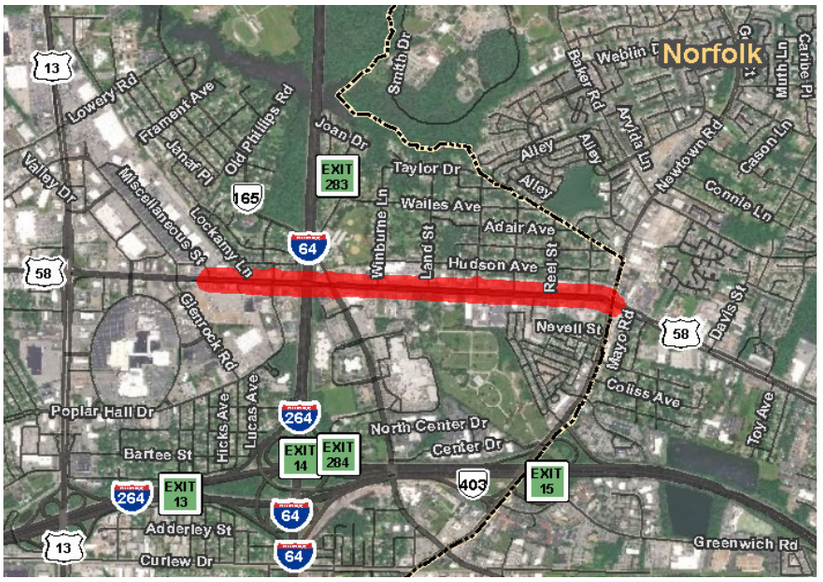
Virginia Beach Blvd Improvements: Glenrock Rd to Newtown Rd

Project Id: 4633

The proposed project eliminates the existing service roads along Virginia Beach Blvd, results in an additional through lane of capacity in each direction for the improved typical section, and will include sidewalks between Glenrock Rd and Newtown Rd.

Submitting Entity: Norfolk City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: CoSS
(click here for details)





0.7
SMART SCALE SCORE

#335 OF 433 STATEWIDE

#39 OF 54 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$61,003,077**
Total Project Cost.....	**$61,003,077**
Project Benefit.....	**4.2**
Project Benefit / Total Cost.....	**0.7**

SMART SCALE Area Type A

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	89.7 persons	6.3 person hrs.	44.1 EPDO	105.1 EPDO / 100M VMT	6.0 jobs per resident	6.1 jobs per resident	448.7 adjusted users	917,019.9 thousand adj sq. ft.	0.0 thousand adj daily tons	384,979,925.2 adj. buffer time index	269.2 adjusted points	3.4 scaled points	194,961.8 access * pop/emp density.h	45,761.5 access * pop/emp density change.
Normalized Measure Value (0-100)	0.3	0.1	12.6	0.2	0.1	0.1	1.6	4.7	0.0	8.8	1.9	10.4	14.7	13.0
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.2		6.4		0.4			4.6			6.2		14.2	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%		20%	
Weighted Factor Value	0.1		0.3		0.1			0.2			0.6		2.8	
Project Benefit	4.2													
SMART SCALE Cost	$61,003,077													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.7**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

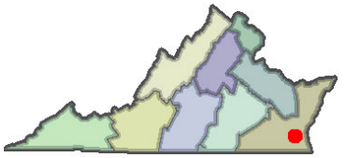
For more information on how to read a scorecard, click here.

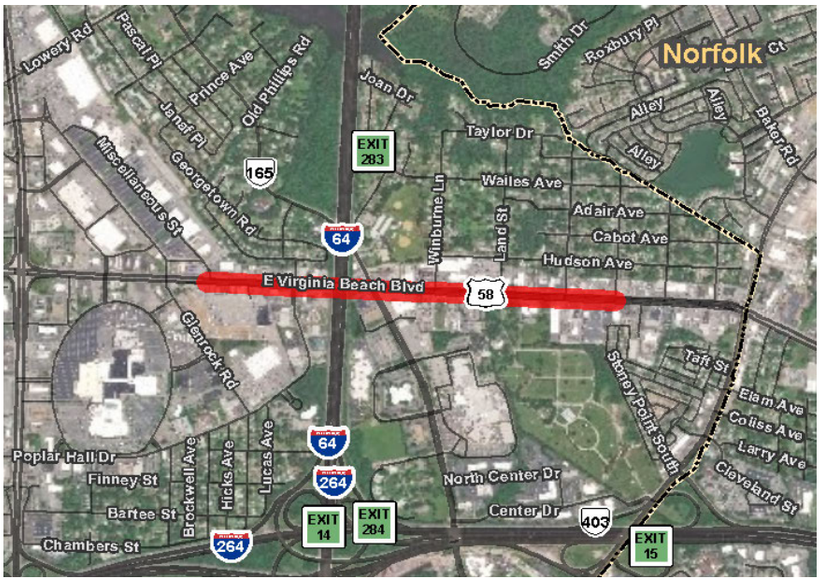
Virginia Beach Blvd Improvements: Glenrock Rd to Clarence St

Project Id: 4637

The proposed project expands capacity along Virginia Beach Boulevard between Glenrock Road and Clarence Street from 4 to 6 lanes and improves 3 signalized intersections along the corridor.

Submitting Entity: Norfolk City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: CoSS
(click here for details)





0.7 SMART SCALE SCORE			
	#323 OF 433 STATEWIDE	SMART SCALE Requested Funds.....	**$54,760,141**
		Total Project Cost.....	**$54,760,141**
	#37 OF 54 DISTRICTWIDE	Project Benefit.....	**3.9**
		Project Benefit / Total Cost.....	**0.7**

SMART SCALE Area Type A

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	89.7 persons	6.3 person hrs.	35.1 EPDO	149.3 EPDO / 100M VMT	0.3 jobs per resident	0.3 jobs per resident	448.7 adjusted users	645,233.6 thousand adj sq. ft.	0.0 thousand adj daily tons	183,593,385.2 adj. buffer time index	269.2 adjusted points	3.2 scaled points	193,075.6 access * pop/emp density.h	43,943.9 access * pop/emp density change.
Normalized Measure Value (0-100)	0.3	0.1	10.1	0.3	0.0	0.0	1.6	3.3	0.0	4.2	1.9	9.8	14.6	12.4
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.2		5.2		0.3			2.8			5.9		13.9	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%		20%	
Weighted Factor Value	0.1		0.3		0.0			0.1			0.6		2.8	
Project Benefit	3.9													
SMART SCALE Cost	$54,760,141													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.7**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT · DRPT · Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

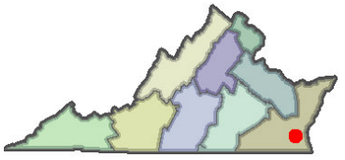
For more information on how to read a scorecard, click here.

Virginia Beach Blvd Widening – George St to Newtown Rd

Project Id: 4642

The proposed project continues the elimination of the existing service roads located on the north and south sides of Virginia Beach Boulevard and provides for two additional through lane and 6 foot sidewalks between George Street and Newtown Road.

Submitting Entity: Norfolk City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: CoSS
(click here for details)



2.4
SMART SCALE SCORE

#180 OF 433 STATEWIDE

#21 OF 54 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$15,701,021**
Total Project Cost.....	**$15,701,021**
Project Benefit.....	**3.7**
Project Benefit / Total Cost.....	**2.4**

SMART SCALE Area Type A

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	40.4 persons	1.2 person hrs.	14.9 EPDO	340.6 EPDO / 100M VMT	0.2 jobs per resident	0.2 jobs per resident	202.1 adjusted users	781,890.3 thousand adj sq. ft.	0.0 thousand adj daily tons	46,043,361.4 adj. buffer time index	121.2 adjusted points	3.1 scaled points	196,455.7 access * pop/emp density.h	48,260.6 access * pop/emp density change.
Normalized Measure Value (0-100)	0.1	0.0	4.3	0.7	0.0	0.0	0.7	4.0	0.0	1.1	0.9	9.2	14.8	13.7
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.1		2.5		0.1			2.6			5.1		14.5	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%		20%	
Weighted Factor Value	0.0		0.1		0.0			0.1			0.5		2.9	
Project Benefit	3.7													
SMART SCALE Cost	$15,701,021													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**2.4**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

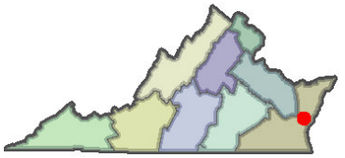
For more information on how to read a scorecard, click here.

Median crossover to Rte 13

Project Id: 4022

Median closures/modifications between MP 75 and 76 at Stingrays

Submitting Entity: Northampton County
Preliminary Engineering: Not Started
Right of Way: Not Needed
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: CoSS
(click here for details)



1.5
SMART SCALE SCORE

#243 OF 433 STATEWIDE

#29 OF 54 DISTRICTWIDE

SMART SCALE Requested Funds..... **$1,120,000**
Total Project Cost..... **$1,120,000**
Project Benefit..... **0.2**
Project Benefit / Total Cost..... **1.5**

SMART SCALE Area Type D

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	0.0 person hrs.	1.8 EPDO	236.0 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	0.0 thousand adj sq. ft.	0.0 thousand adj daily tons	494,966.9 adj. buffer time index	0.0 adjusted points	0.1 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	0.5	0.5	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	N/A
Factor Value	0.0		0.5		0.0			0.0			0.2			
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	0.2													
SMART SCALE Cost	$1,120,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.5**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

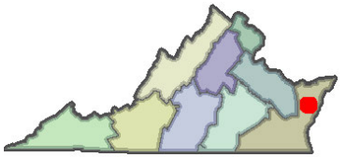
For more information on how to read a scorecard, click here.

Shoulder Widening Rte 13

Project Id: 4175

Widening Rte 13 shoulders

Submitting Entity:	Northampton County
Preliminary Engineering:	Not Started
Right of Way:	Not Needed
Construction:	Not Started
Eligible Fund Program:	District Grant
VTRANS Need:	Safety
	(click here for details)



10.4
SMART SCALE SCORE

#33 OF 433 STATEWIDE

#8 OF 54 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$2,923,357**
Total Project Cost.....	**$2,923,357**
Project Benefit.....	**3.0**
Project Benefit / Total Cost.....	**10.4**

SMART SCALE Area Type D

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	0.0 person hrs.	60.6 EPDO	296.4 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	0.0 thousand adj sq. ft.	0.0 thousand adj daily tons	0.0 adj. buffer time index	0.0 adjusted points	2.3 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	17.4	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.9		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.0		9.0		0.0			0.0			3.5			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%		N/A	
Weighted Factor Value	0.0		2.7		0.0			0.0			0.3			
Project Benefit	3.0													
SMART SCALE Cost	$2,923,357													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**10.4**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

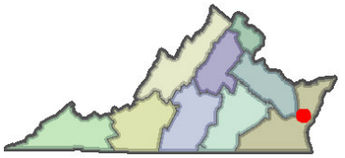
For more information on how to read a scorecard, click here.

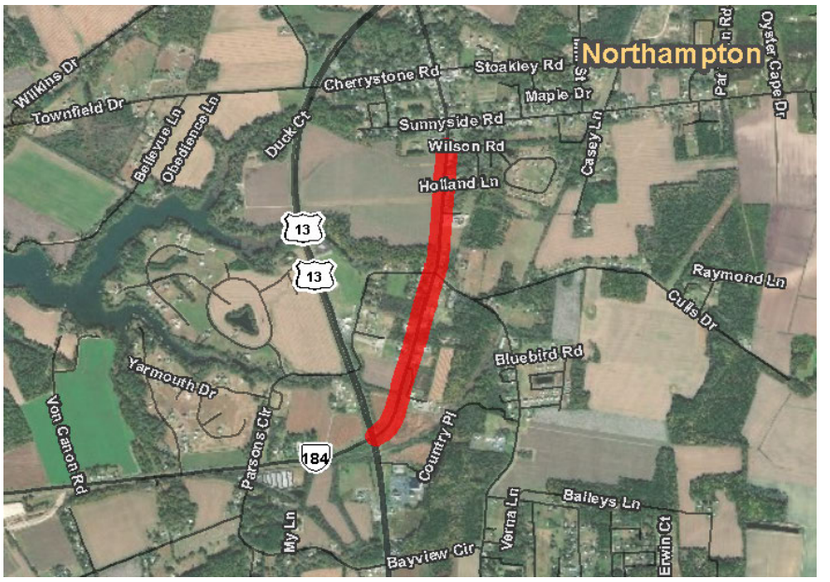
Bicycle Lane on US Business 13

Project Id: 4179

Adding bicycle lanes on both sides of US Business 13 for approximately 1.2 miles, from Rt. T-1306 (Wilson Rd.) in Cheriton to US 13 Bypass.

Submitting Entity: Northampton County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: CoSS
(click here for details)





2.4
SMART SCALE SCORE

#179 OF 433 STATEWIDE

#20 OF 54 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$2,360,061**
Total Project Cost.....	**$2,360,061**
Project Benefit.....	**0.6**
Project Benefit / Total Cost.....	**2.4**

SMART SCALE Area Type D

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.6 persons	0.0 person hrs.	7.2 EPDO	508.0 EPDO / 100M VMT	19.2 jobs per resident	19.3 jobs per resident	1.0 adjusted users	0.0 thousand adj sq. ft.	0.0 thousand adj daily tons	0.0 adj. buffer time index	0.0 adjusted points	0.3 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	2.1	1.0	0.3	0.3	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	N/A
Factor Value	0.0		1.6		0.3			0.0			0.5			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%		N/A	
Weighted Factor Value	0.0		0.5		0.0			0.0			0.1			
Project Benefit	0.6													
SMART SCALE Cost	$2,360,061													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**2.4**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

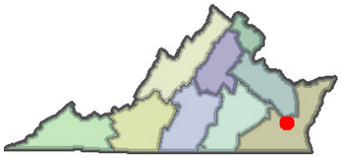
For more information on how to read a scorecard, click here.

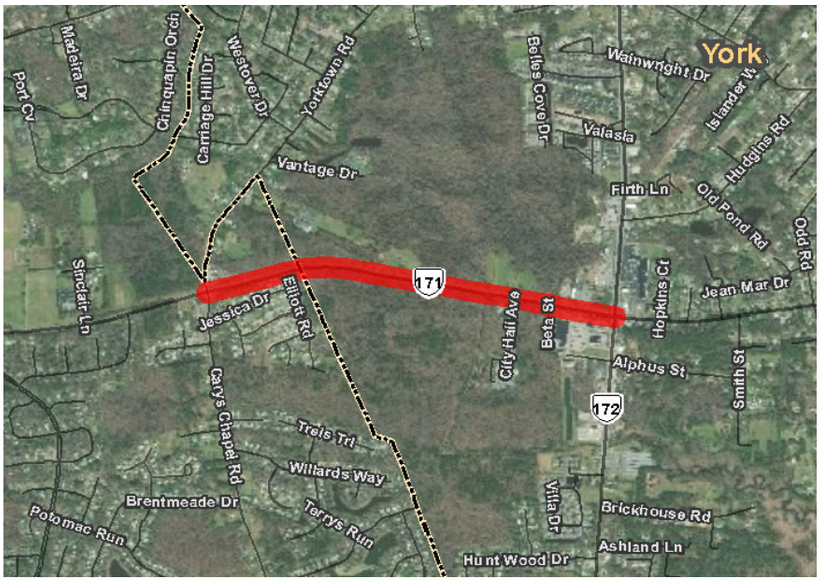
Victory Blvd Enhancement App 2: Poquoson Segment

Project Id: 3630

Intersection, turn lane, and shoulder improvements with a shared use path along Route 171 between Cary's Chapel Road and Wythe Creek Road

Submitting Entity: Poquoson City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Safety
(click here for details)





1.7
SMART SCALE SCORE

#229 OF 433 STATEWIDE

#27 OF 54 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$3,686,000**
Total Project Cost.....	**$3,729,000**
Project Benefit.....	**0.6**
Project Benefit / Total Cost.....	**1.7**

SMART SCALE Area Type A

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	19.0 persons	0.0 person hrs.	32.6 EPDO	592.9 EPDO / 100M VMT	13.4 jobs per resident	13.4 jobs per resident	56.9 adjusted users	744,157.8 thousand adj sq. ft.	0.0 thousand adj daily tons	13,038,106.4 adj. buffer time index	0.0 adjusted points	0.4 scaled points	12,187.6 access * pop/emp density.h	1,550.0 access * pop/emp density change.
Normalized Measure Value (0-100)	0.1	0.0	9.3	1.2	0.2	0.2	0.2	3.8	0.0	0.3	0.0	1.2	0.9	0.4
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.0		5.3		0.2			2.3			0.6		0.8	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%		20%	
Weighted Factor Value	0.0		0.3		0.0			0.1			0.1		0.2	
Project Benefit	0.6													
SMART SCALE Cost	$3,686,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.7**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

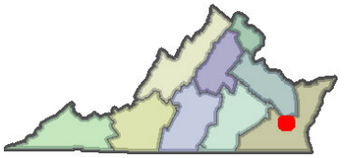
For more information on how to read a scorecard, click here.

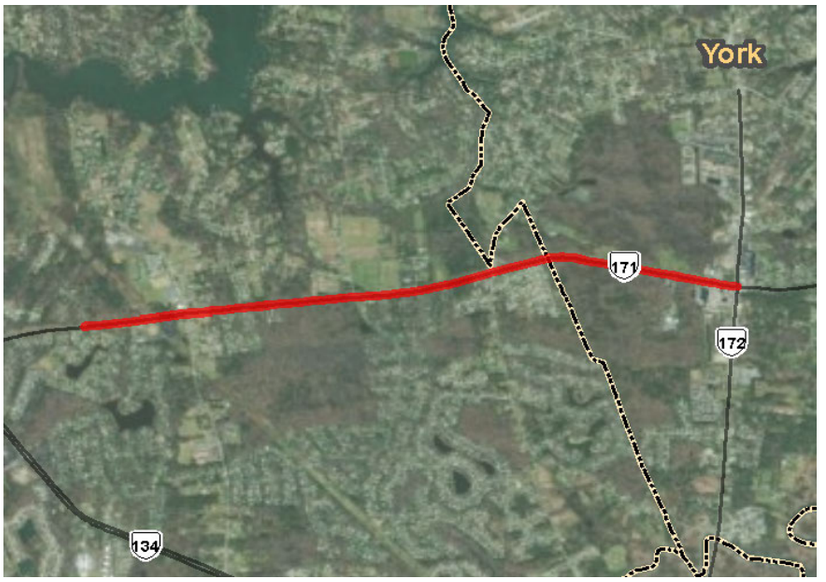
Victory Blvd Enhancement App 1: Poquoson & York Segments

Project Id: 3631

Intersection, turn lane, and shoulder improvements with a shared use path along Route 171 between Route 134 and Wythe Creek Road.

Submitting Entity: Poquoson City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Safety
(click here for details)





0.8
SMART SCALE SCORE

#311 OF 433 STATEWIDE

#36 OF 54 DISTRICTWIDE

SMART SCALE Requested Funds..... **$15,432,000**
Total Project Cost..... **$17,045,000**
Project Benefit..... **1.2**
Project Benefit / Total Cost..... **0.7**

SMART SCALE Area Type A

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	19.5 persons	1.5 person hrs.	78.4 EPDO	415.1 EPDO / 100M VMT	28.7 jobs per resident	28.7 jobs per resident	58.6 adjusted users	869,770.0 thousand adj sq. ft.	19,152.0 thousand adj daily tons	56,439,351.2 adj. buffer time index	78.1 adjusted points	0.8 scaled points	18,763.7 access * pop/emp density.h	2,743.5 access * pop/emp density change.
Normalized Measure Value (0-100)	0.1	0.0	22.5	0.9	0.5	0.5	0.2	4.4	0.4	1.3	0.6	2.5	1.4	0.8
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.0		11.7		0.4			3.0			1.5		1.2	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%		20%	
Weighted Factor Value	0.0		0.6		0.1			0.1			0.2		0.2	
Project Benefit	1.2													
SMART SCALE Cost	$15,432,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.8**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

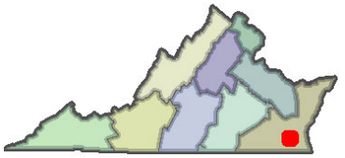
For more information on how to read a scorecard, click here.

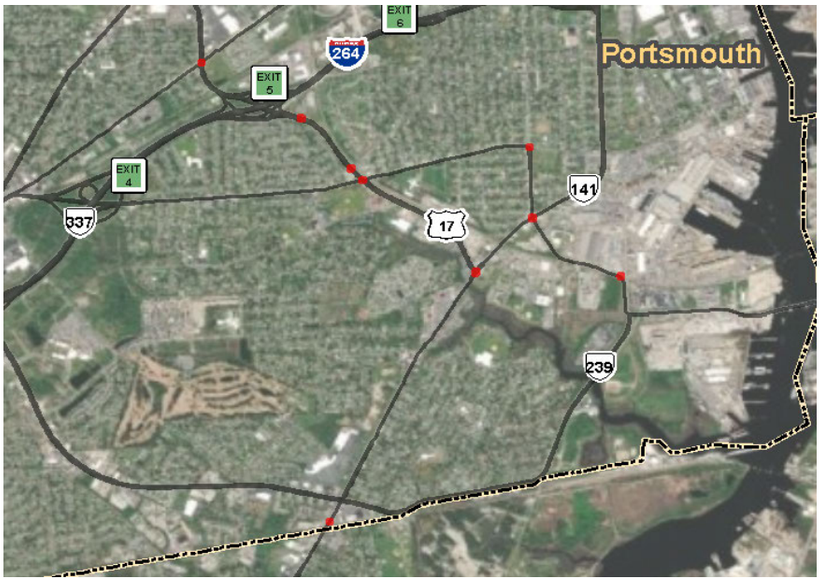
Portsmouth Railroad Crossing Message Signs

Project Id: 4392

This project includes the installation of fixed message signs near 4 at-grade railroad crossings to notify travelers of the presence of trains so that they may use alternate routes and reduce their time waiting for the train to clear the crossing

Submitting Entity: Portsmouth City
Preliminary Engineering: Underway
Right of Way: Not Needed
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Urban Development Area
(click here for details)





47.7
SMART SCALE SCORE

#6 OF 433 STATEWIDE

#5 OF 54 DISTRICTWIDE

SMART SCALE Requested Funds..... **$570,000**
Total Project Cost..... **$753,699**
Project Benefit..... **2.7**
Project Benefit / Total Cost..... **36.1**

SMART SCALE Area Type A														
Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	0.0 person hrs.	0.0 EPDO	0.0 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	0.0 thousand adj sq. ft.	0.0 thousand adj daily tons	59,623,580.5 adj. buffer time index	0.0 adjusted points	1.7 scaled points	179,997.4 access * pop/emp density.h	32,185.7 access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	5.1	13.6	9.1
Measure Weight (% of Factor)	50%	50%	100%	0%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.0		0.0		0.0			0.3			2.6		12.2	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%		20%	
Weighted Factor Value	0.0		0.0		0.0			0.0			0.3		2.4	
Project Benefit	2.7													
SMART SCALE Cost	$570,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**47.7**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

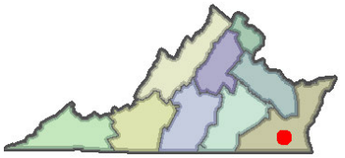
For more information on how to read a scorecard, click here.

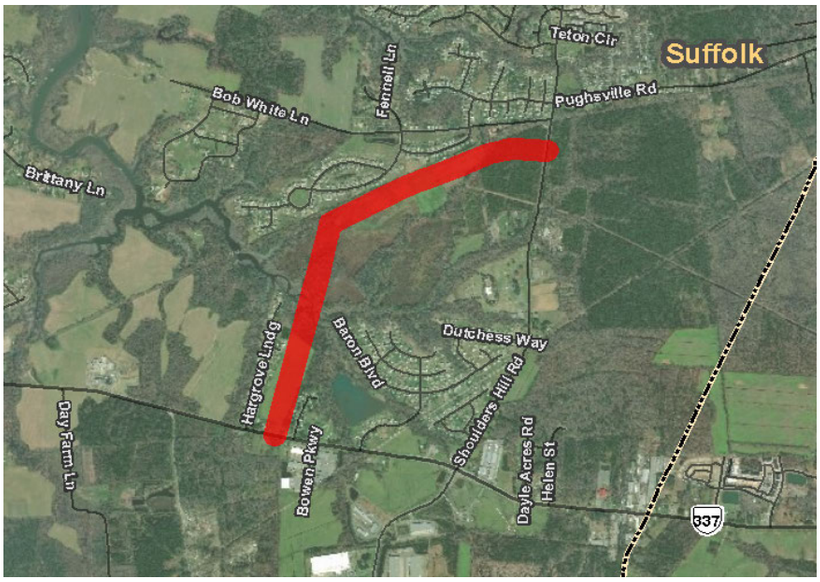
North Suffolk Connector

Project Id: 3623

The project will include a new two lane roadway alignment connecting Nansemond Parkway to Shoulders Hill Road

Submitting Entity: Suffolk City
Preliminary Engineering: Underway
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: Regional Network
(click here for details)





0.7
SMART SCALE SCORE

#336 OF 433 STATEWIDE

#40 OF 54 DISTRICTWIDE

SMART SCALE Requested Funds..... **$45,964,948**
Total Project Cost..... **$46,064,948**
Project Benefit..... **3.1**
Project Benefit / Total Cost..... **0.7**

SMART SCALE Area Type A

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	1,410.5 persons	399.2 person hrs.	0.0 EPDO	0.0 EPDO / 100M VMT	7.0 jobs per resident	7.1 jobs per resident	37.2 adjusted users	539,602.2 thousand adj sq. ft.	15,337.7 thousand adj daily tons	28,962,860.3 adj. buffer time index	37.2 adjusted points	2.4 scaled points	7,388.6 access * pop/emp density.h	2,696.4 access * pop/emp density change.
Normalized Measure Value (0-100)	5.0	6.2	0.0	0.0	0.1	0.1	0.1	2.7	0.3	0.7	0.3	7.2	0.6	0.8
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	5.6		0.0		0.1			1.8			3.7		0.6	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%		20%	
Weighted Factor Value	2.5		0.0		0.0			0.1			0.4		0.1	
Project Benefit	3.1													
SMART SCALE Cost	$45,964,948													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.7**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

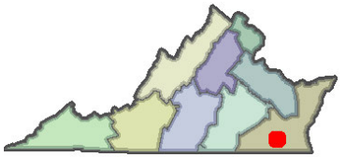
For more information on how to read a scorecard, click here.

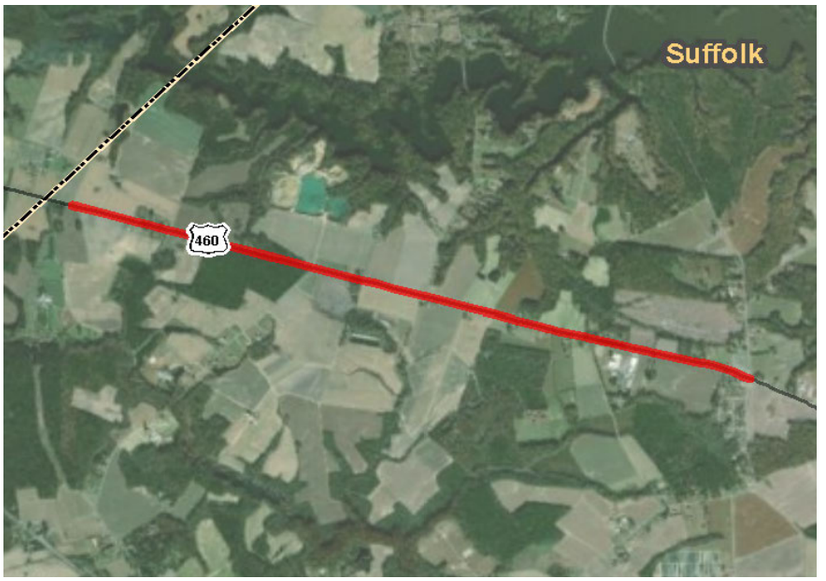
Route 460 Safety and Operations Study Improvements

Project Id: 3624

Provide improvements along Route 460 in Suffolk as identified in the Route 460 Safety and Operations study..

Submitting Entity: Suffolk City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: CoSS
(click here for details)





0.2
SMART SCALE SCORE

#392 OF 433 STATEWIDE

#49 OF 54 DISTRICTWIDE

SMART SCALE Requested Funds..... **$59,242,290**
Total Project Cost..... **$59,242,290**
Project Benefit..... **1.4**
Project Benefit / Total Cost..... **0.2**

SMART SCALE Area Type A														
Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	10.1 person hrs.	94.4 EPDO	458.0 EPDO / 100M VMT	34.7 jobs per resident	34.0 jobs per resident	0.0 adjusted users	0.0 thousand adj sq. ft.	360,978.5 thousand adj daily tons	25,954,356.7 adj. buffer time index	861.0 adjusted points	1.0 scaled points	760.9 access * pop/emp density.h	385.4 access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.2	27.1	0.9	0.6	0.6	0.0	0.0	7.6	0.6	6.1	3.1	0.1	0.1
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.1		14.0		0.5			1.6			4.6		0.1	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%		20%	
Weighted Factor Value	0.0		0.7		0.1			0.1			0.5		0.0	
Project Benefit	1.4													
SMART SCALE Cost	$59,242,290													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.2**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT · DRPT · Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

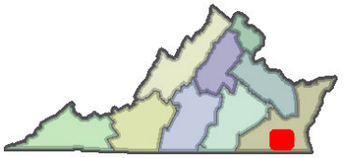
For more information on how to read a scorecard, click here.

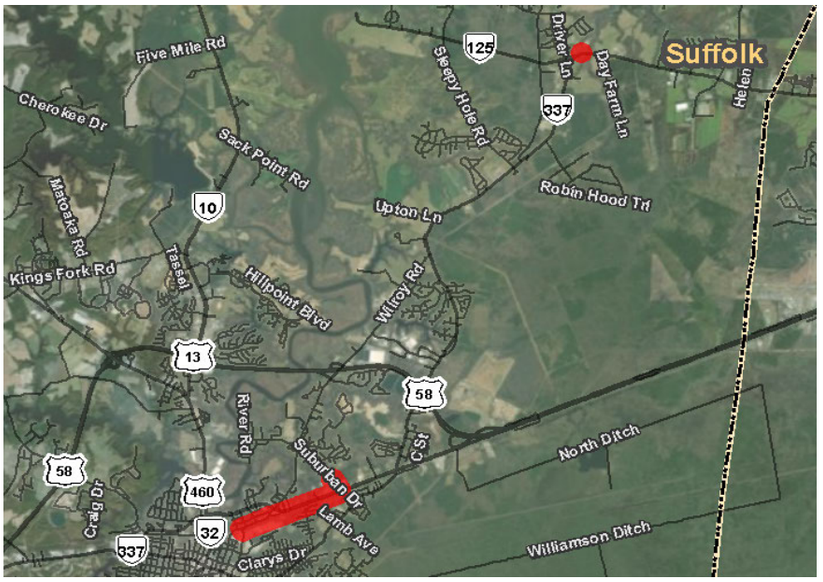
Seaboard Coastline Trail Segment 1

Project Id: 3635

The project is for Segment I of the Suffolk Seaboard Coastline Trail (1.5 mile 10-ft wide multiuse path), part of an 11-mile trail.

Submitting Entity: Suffolk City
Preliminary Engineering: Underway
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: Regional Network
(click here for details)





1.7	#233 OF 433 STATEWIDE	SMART SCALE Requested Funds..... **$4,073,089**
SMART SCALE SCORE	#28 OF 54 DISTRICTWIDE	Total Project Cost..... **$4,223,089**
		Project Benefit..... **0.7**
		Project Benefit / Total Cost..... **1.6**

SMART SCALE Area Type A

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	38.7 persons	3.8 person hrs.	27.0 EPDO	2.3 EPDO / 100M VMT	89.7 jobs per resident	90.0 jobs per resident	193.3 adjusted users	0.0 thousand adj sq. ft.	0.0 thousand adj daily tons	0.0 adj. buffer time index	251.2 adjusted points	0.4 scaled points	4,927.6 access * pop/emp density.h	1,818.7 access * pop/emp density change.
Normalized Measure Value (0-100)	0.1	0.1	7.7	0.0	1.6	1.6	0.7	0.0	0.0	0.0	1.8	1.3	0.4	0.5
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.1		3.9		1.4			0.0			1.6		0.4	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%		20%	
Weighted Factor Value	0.0		0.2		0.2			0.0			0.2		0.1	
Project Benefit	0.7													
SMART SCALE Cost	$4,073,089													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.7**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

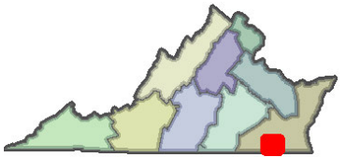
For more information on how to read a scorecard, click here.

Route 58 Arterial Preservation Plan Study Recommendations

Project Id: 3636

Provide for various improvements along the Route 58 corridor in the City of Suffolk as recommended in the Route 58 Arterial Preservation Plan Study Recommendations

Submitting Entity: Suffolk City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: Regional Network
(click here for details)



0.9
SMART SCALE SCORE

#299 OF 433 STATEWIDE

#34 OF 54 DISTRICTWIDE

SMART SCALE Requested Funds..... **$6,600,000**
Total Project Cost..... **$6,600,000**
Project Benefit..... **0.6**
Project Benefit / Total Cost..... **0.9**

SMART SCALE Area Type A

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	0.8 person hrs.	14.7 EPDO	253.3 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	0.0 thousand adj sq. ft.	0.0 thousand adj daily tons	5,571,499.0 adj. buffer time index	1,216.0 adjusted points	0.4 scaled points	63.9 access * pop/emp density.h	26.0 access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	4.2	0.5	0.0	0.0	0.0	0.0	0.0	0.1	8.6	1.2	0.0	0.0
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.0		2.4		0.0			0.0			4.9		0.0	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%		20%	
Weighted Factor Value	0.0		0.1		0.0			0.0			0.5		0.0	
Project Benefit	0.6													
SMART SCALE Cost	$6,600,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.9**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

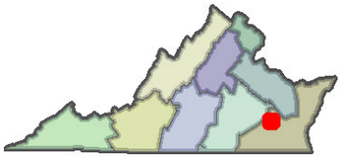
For more information on how to read a scorecard, click here.

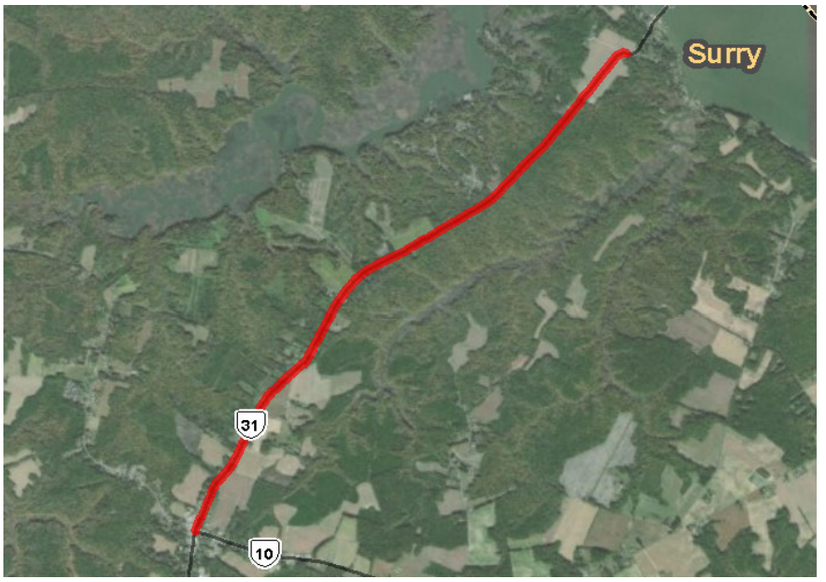
Route 31 Bicycle Accommodations

Project Id: 4967

This project is to provide 4-miles of bicycle accommodations on Route 31 in Surry County from the Town of Surry to the Jamestown Scotland Ferry.

Submitting Entity: Surry County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Safety
(click here for details)





1.8
SMART SCALE SCORE

#225 OF 433 STATEWIDE

#26 OF 54 DISTRICTWIDE

SMART SCALE Requested Funds..... **$9,600,000**
Total Project Cost..... **$9,600,000**
Project Benefit..... **1.7**
Project Benefit / Total Cost..... **1.8**

SMART SCALE Area Type D														
Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	1.4 persons	0.6 person hrs.	28.4 EPDO	915.3 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	7.0 adjusted users	0.0 thousand adj sq. ft.	2,255.1 thousand adj daily tons	681,423.6 adj. buffer time index	7.0 adjusted points	1.4 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	8.1	1.9	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	N/A
Factor Value	0.0		5.0		0.0			0.0			2.1			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%		N/A	
Weighted Factor Value	0.0		1.5		0.0			0.0			0.2			
Project Benefit	1.7													
SMART SCALE Cost	$9,600,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.8**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

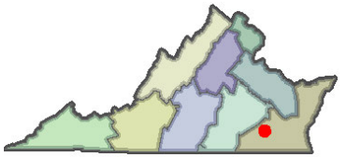
For more information on how to read a scorecard, click here.

Wakefield 460 Eastbound Turnlane

Project Id: 3632

Wakefield 460 Eastbound Turnlane

Submitting Entity:	Sussex County
Preliminary Engineering:	Not Started
Right of Way:	Not Started
Construction:	Not Started
Eligible Fund Program:	District Grant
VTRANS Need:	Safety (click here for details)



6.2
SMART SCALE SCORE

#75 OF 433 STATEWIDE

#14 OF 54 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$981,290**
Total Project Cost.....	**$994,846**
Project Benefit.....	**0.6**
Project Benefit / Total Cost.....	**6.1**

SMART SCALE Area Type D

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	8.9 persons	0.0 person hrs.	5.6 EPDO	949.0 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	13.4 adjusted users	0.0 thousand adj sq. ft.	0.0 thousand adj daily tons	485,415.4 adj. buffer time index	0.0 adjusted points	0.5 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	1.6	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.0		1.8		0.0			0.0			0.7			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%		N/A	
Weighted Factor Value	0.0		0.5		0.0			0.0			0.1			
Project Benefit	0.6													
SMART SCALE Cost	$981,290													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**6.2**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

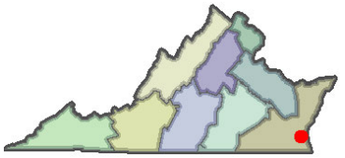
For more information on how to read a scorecard, click here.

Laskin Road Phase III

Project Id: 3569

Construction of a 6-lane divided highway with bike accommodations along Laskin Road from Republic Road to just west of Phillip Avenue, a distance of approximately 0.7 miles.

Submitting Entity: Virginia Beach City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: CoSS
(click here for details)



0.7
SMART SCALE SCORE

#332 OF 433 STATEWIDE

#38 OF 54 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$25,800,000**
Total Project Cost.....	**$31,503,154**
Project Benefit.....	**1.8**
Project Benefit / Total Cost.....	**0.6**

SMART SCALE Area Type A

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	63.3 persons	5.6 person hrs.	32.6 EPDO	40.3 EPDO / 100M VMT	10.2 jobs per resident	9.9 jobs per resident	316.4 adjusted users	762,444.5 thousand adj sq. ft.	5,757.1 thousand adj daily tons	37,080,891.6 adj. buffer time index	348.1 adjusted points	1.5 scaled points	66,790.3 access * pop/emp density.h	14,813.4 access * pop/emp density change.
Normalized Measure Value (0-100)	0.2	0.1	9.3	0.1	0.2	0.2	1.1	3.9	0.1	0.9	2.5	4.5	5.0	4.2
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.2		4.7		0.4			2.5			3.5		4.8	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%		20%	
Weighted Factor Value	0.1		0.2		0.1			0.1			0.3		1.0	
Project Benefit	1.8													
SMART SCALE Cost	$25,800,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.7**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

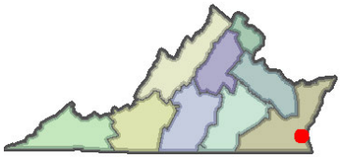
For more information on how to read a scorecard, click here.

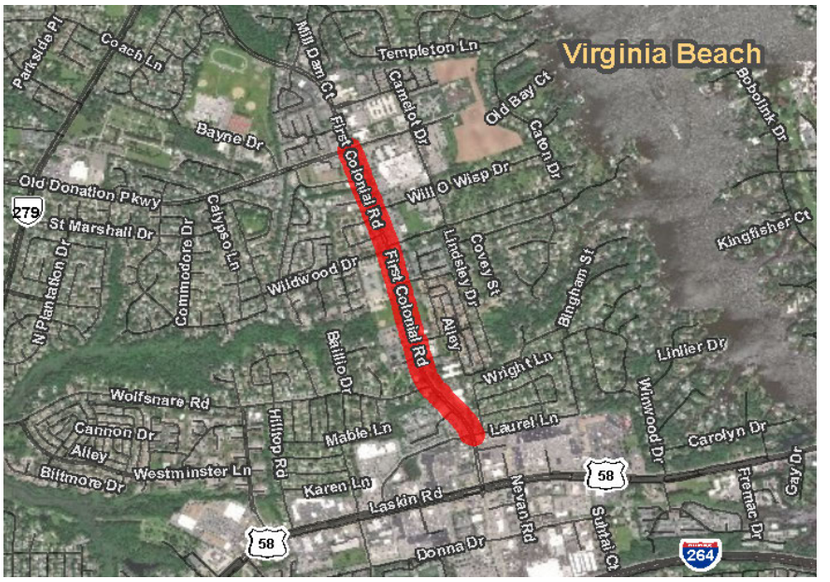
First Colonial Road

Project Id: 3576

Construction of a 6-lane divided roadway along First Colonial Road from Laurel Lane/Republic Road to Old Donation Parkway, a distance of approximately 1 mile.

Submitting Entity: Virginia Beach City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: Regional Network
(click here for details)





0.4
SMART SCALE SCORE

#363 OF 433 STATEWIDE

#46 OF 54 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$44,200,000**
Total Project Cost.....	**$52,014,828**
Project Benefit.....	**2.0**
Project Benefit / Total Cost.....	**0.4**

SMART SCALE Area Type A

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	73.6 persons	11.2 person hrs.	37.7 EPDO	243.3 EPDO / 100M VMT	88.7 jobs per resident	85.4 jobs per resident	368.2 adjusted users	712,142.0 thousand adj sq. ft.	5,057.5 thousand adj daily tons	85,431,594.9 adj. buffer time index	405.0 adjusted points	1.6 scaled points	60,163.0 access * pop/emp density.h	12,830.1 access * pop/emp density change.
Normalized Measure Value (0-100)	0.3	0.2	10.8	0.5	1.6	1.5	1.3	3.6	0.1	2.0	2.9	5.0	4.5	3.6
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.2		5.6		1.5			2.6			3.9		4.3	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%		20%	
Weighted Factor Value	0.1		0.3		0.2			0.1			0.4		0.9	
Project Benefit	2.0													
SMART SCALE Cost	$44,200,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.4**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

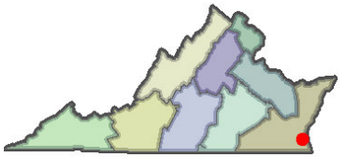
For more information on how to read a scorecard, click here.

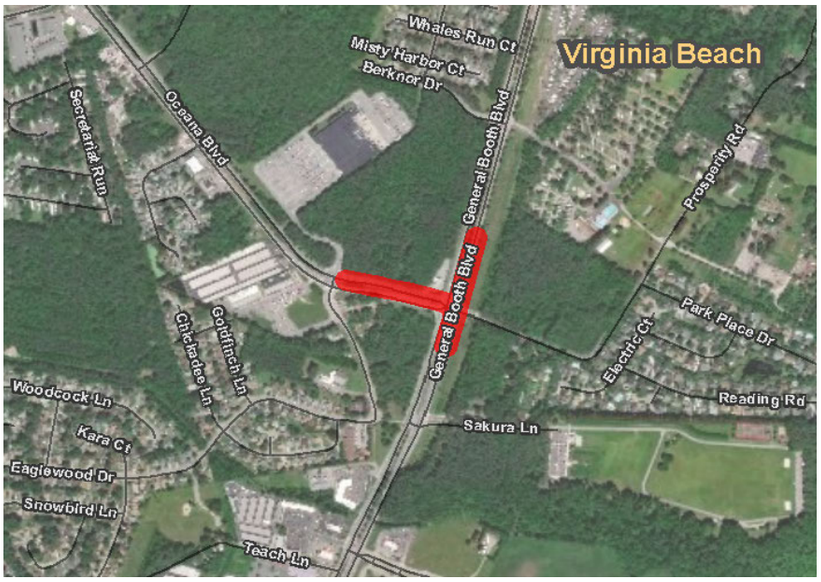
General Booth Blvd/Oceana Blvd Intersection Improvements

Project Id: 3582

Reconstruction of the General Booth Boulevard/Oceana Boulevard intersection to increase the capacity of the intersection and improve safety and traffic flow.

Submitting Entity: Virginia Beach City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Safety
(click here for details)





2.2
SMART SCALE SCORE

#194 OF 433 STATEWIDE

#22 OF 54 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$3,600,000**
Total Project Cost.....	**$4,100,277**
Project Benefit.....	**0.8**
Project Benefit / Total Cost.....	**1.9**

SMART SCALE Area Type A

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	23.6 persons	0.7 person hrs.	6.2 EPDO	394.4 EPDO / 100M VMT	0.4 jobs per resident	0.4 jobs per resident	118.2 adjusted users	2,112,055.4 thousand adj sq. ft.	0.0 thousand adj daily tons	8,073,615.7 adj. buffer time index	35.5 adjusted points	0.6 scaled points	21,377.9 access * pop/emp density.h	2,277.1 access * pop/emp density change.
Normalized Measure Value (0-100)	0.1	0.0	1.8	0.8	0.0	0.0	0.4	10.8	0.0	0.2	0.3	1.9	1.6	0.6
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.0		1.3		0.1			6.5			1.1		1.3	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%		20%	
Weighted Factor Value	0.0		0.1		0.0			0.3			0.1		0.3	
Project Benefit	0.8													
SMART SCALE Cost	$3,600,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**2.2**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

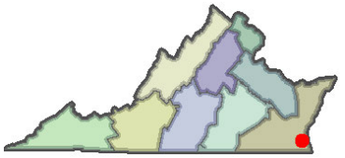
For more information on how to read a scorecard, click here.

General Booth Boulevard

Project Id: 3589

This project will widen General Booth Boulevard to a 6-lane divided roadway from Nimmo Parkway to London Bridge Road, a total distance of approximately 0.4 miles.

Submitting Entity: Virginia Beach City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: Regional Network
(click here for details)



0.5
SMART SCALE SCORE

#361 OF 433 STATEWIDE

#45 OF 54 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$18,000,000**
Total Project Cost.....	**$20,026,357**
Project Benefit.....	**0.8**
Project Benefit / Total Cost.....	**0.4**

SMART SCALE Area Type A														
Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	50.0 persons	0.4 person hrs.	11.9 EPDO	17.9 EPDO / 100M VMT	1.3 jobs per resident	1.3 jobs per resident	249.9 adjusted users	2,070,718.4 thousand adj sq. ft.	0.0 thousand adj daily tons	33,974,190.9 adj. buffer time index	274.9 adjusted points	0.7 scaled points	11,542.6 access * pop/emp density.h	1,500.1 access * pop/emp density change.
Normalized Measure Value (0-100)	0.2	0.0	3.4	0.0	0.0	0.0	0.9	10.5	0.0	0.8	1.9	2.0	0.9	0.4
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.1		1.7		0.2			6.5			2.0		0.7	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%		20%	
Weighted Factor Value	0.0		0.1		0.0			0.3			0.2		0.1	
Project Benefit	0.8													
SMART SCALE Cost	$18,000,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.5**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

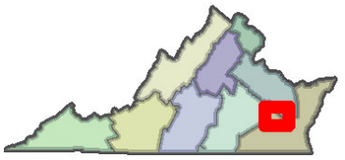
For more information on how to read a scorecard, click here.

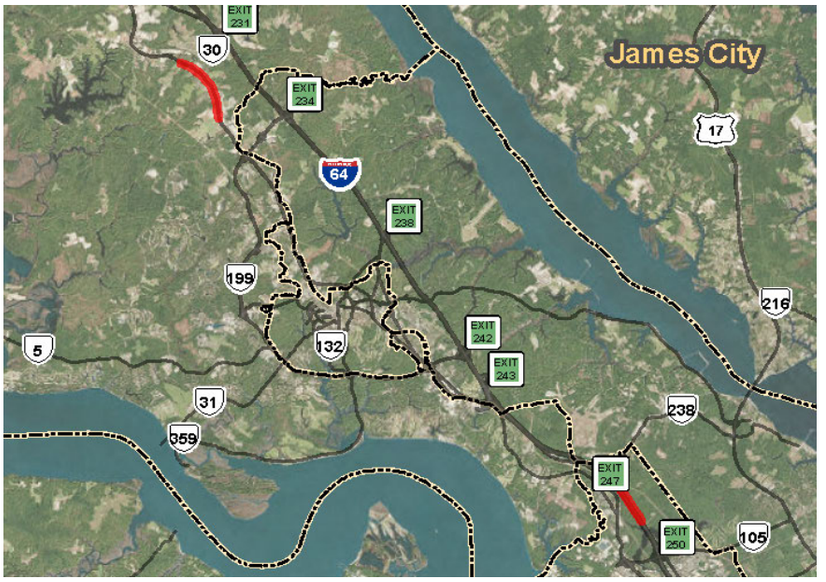
WATA Bus Stop Pull Offs

Project Id: 3692

Two (2) bus stop pull offs in the WATA Service area. One in Upper James City County off Richmond Road serviced by Route 9 (Purple 2) and the other in York County off Jefferson Avenue, in line with a new CMAQ demonstration route is to begin.

Submitting Entity: Williamsburg Area Transit Authority (WATA)
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Statewide High Priority
VTRANS Need: Regional Network
(click here for details)





22.2
SMART SCALE SCORE

#17 OF 433 STATEWIDE

#6 OF 54 DISTRICTWIDE

SMART SCALE Requested Funds..... **$255,000**
Total Project Cost..... **$255,000**
Project Benefit..... **0.6**
Project Benefit / Total Cost..... **22.2**

SMART SCALE Area Type A

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	262.5 persons	0.0 person hrs.	1.4 EPDO	6.4 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	1,312.5 adjusted users	0.0 thousand adj sq. ft.	0.0 thousand adj daily tons	860,510.9 adj. buffer time index	262.5 adjusted points	0.4 scaled points	2,611.5 access * pop/emp density.h	966.3 access * pop/emp density change.
Normalized Measure Value (0-100)	0.9	0.0	0.4	0.0	0.0	0.0	4.7	0.0	0.0	0.0	1.9	1.2	0.2	0.3
Measure Weight (% of Factor)	50%	50%	100%	0%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.5		0.4		0.9			0.0			1.5		0.2	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%		20%	
Weighted Factor Value	0.2		0.0		0.1			0.0			0.2		0.0	
Project Benefit	0.6													
SMART SCALE Cost	$255,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**22.2**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

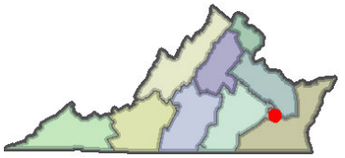
For more information on how to read a scorecard, click here.

Lafayette Street Widening

Project Id: 3468

Roadway widening and bike lane addition

Submitting Entity: Williamsburg City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Urban Development Area
(click here for details)



1.9
SMART SCALE SCORE

#212 OF 433 STATEWIDE

#23 OF 54 DISTRICTWIDE

SMART SCALE Requested Funds..... **$4,329,000**
Total Project Cost..... **$5,870,000**
Project Benefit..... **0.8**
Project Benefit / Total Cost..... **1.4**

SMART SCALE Area Type A														
Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	12.4 persons	0.8 person hrs.	2.0 EPDO	106.2 EPDO / 100M VMT	9.8 jobs per resident	10.0 jobs per resident	37.1 adjusted users	1,244,354.0 thousand adj sq. ft.	0.0 thousand adj daily tons	591,216.2 adj. buffer time index	49.4 adjusted points	0.6 scaled points	30,156.5 access * pop/emp density.h	9,575.0 access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	0.6	0.2	0.2	0.2	0.1	6.3	0.0	0.0	0.3	1.8	2.3	2.7
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.0		0.4		0.2			3.8			1.1		2.4	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%		20%	
Weighted Factor Value	0.0		0.0		0.0			0.2			0.1		0.5	
Project Benefit	0.8													
SMART SCALE Cost	$4,329,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.9**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

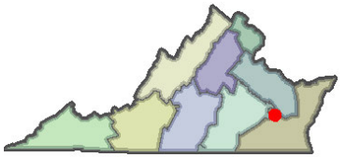
For more information on how to read a scorecard, click here.

Monticello Ave-Richmond Rd-Lafayette St Roundabout

Project Id: 3469

Convert existing signalized intersection to a 1 or 2 lane Roundabout.

Submitting Entity: Williamsburg City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Urban Development Area
(click here for details)



1.9
SMART SCALE SCORE

#218 OF 433 STATEWIDE

#24 OF 54 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$6,381,090**
Total Project Cost.....	**$6,381,090**
Project Benefit.....	**1.2**
Project Benefit / Total Cost.....	**1.9**

SMART SCALE Area Type A

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	0.5 person hrs.	16.8 EPDO	1,362.8 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	1,982,612.0 thousand adj sq. ft.	0.0 thousand adj daily tons	1,161,289.9 adj. buffer time index	0.0 adjusted points	0.9 scaled points	35,103.5 access * pop/emp density.h	11,491.8 access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	4.8	2.8	0.0	0.0	0.0	10.1	0.0	0.0	0.0	2.7	2.6	3.3
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.0		3.8		0.0			6.1			1.4		2.8	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%		20%	
Weighted Factor Value	0.0		0.2		0.0			0.3			0.1		0.6	
Project Benefit	1.2													
SMART SCALE Cost	$6,381,090													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.9**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

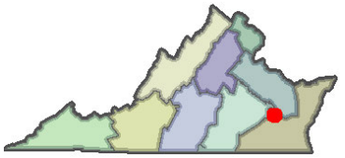
For more information on how to read a scorecard, click here.

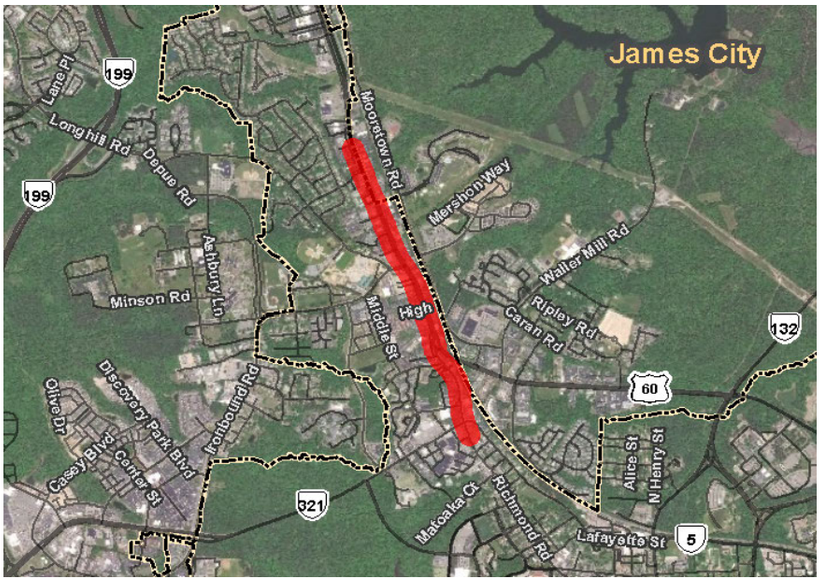
Richmond Road Signal Coordination & Pedestrian Improvements

Project Id: 3666

Coordinate timing and synchronization for 10 existing City-owned/maintained signals and 1 existing VDOT signal along the Richmond Road (US 60) corridor to improve progression and throughput. Improve pedestrian crossing signals where necessary.

Submitting Entity: Williamsburg City
Preliminary Engineering: Not Started
Right of Way: Not Needed
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: CoSS
(click here for details)





57.3
SMART SCALE SCORE

#3 OF 433 STATEWIDE

#3 OF 54 DISTRICTWIDE

SMART SCALE Requested Funds..... **$203,500**
Total Project Cost..... **$203,500**
Project Benefit..... **1.2**
Project Benefit / Total Cost..... **57.3**

SMART SCALE Area Type A

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	0.0 person hrs.	15.9 EPDO	103.9 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	3,186,578.6 thousand adj sq. ft.	0.0 thousand adj daily tons	33,719,174.7 adj. buffer time index	0.0 adjusted points	0.9 scaled points	26,234.5 access * pop/emp density.h	8,322.7 access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	4.6	0.2	0.0	0.0	0.0	16.2	0.0	0.8	0.0	2.7	2.0	2.4
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.0		2.4		0.0			9.9			1.3		2.1	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%		20%	
Weighted Factor Value	0.0		0.1		0.0			0.5			0.1		0.4	
Project Benefit	1.2													
SMART SCALE Cost	$203,500													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**57.3**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

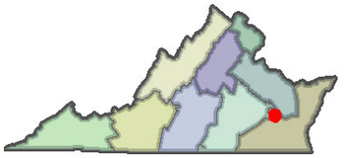
For more information on how to read a scorecard, click here.

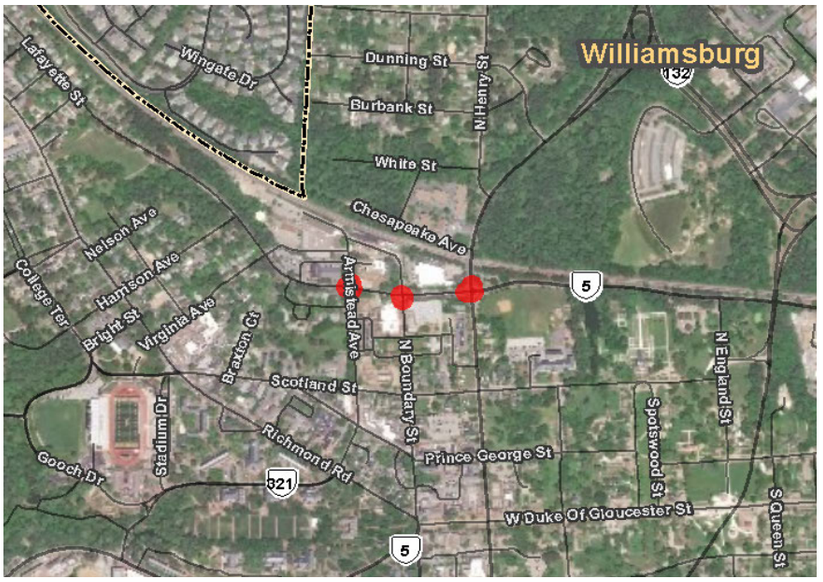
Lafayette Street Signal & Pedestrian Improvements

Project Id: 3668

Coordinate timing/synchronization and improve pedestrian accommodation for three (3) existing signalized intersections along Lafayette Street in downtown Williamsburg.

Submitting Entity: Williamsburg City
Preliminary Engineering: Not Started
Right of Way: Not Needed
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: Regional Network
(click here for details)





65.7
SMART SCALE SCORE

#1 OF 433 STATEWIDE

#1 OF 54 DISTRICTWIDE

SMART SCALE Requested Funds..... **$91,000**
Total Project Cost..... **$91,000**
Project Benefit..... **0.6**
Project Benefit / Total Cost..... **65.7**

SMART SCALE Area Type A

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	10.2 persons	0.0 person hrs.	2.2 EPDO	195.9 EPDO / 100M VMT	0.5 jobs per resident	0.5 jobs per resident	15.4 adjusted users	293,897.6 thousand adj sq. ft.	0.0 thousand adj daily tons	788,936.1 adj. buffer time index	0.0 adjusted points	0.4 scaled points	28,529.4 access * pop/emp density.h	9,019.3 access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	0.6	0.4	0.0	0.0	0.1	1.5	0.0	0.0	0.0	1.2	2.2	2.6
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.0		0.5		0.0			0.9			0.6		2.3	
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	$91,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**65.7**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

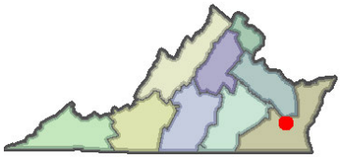
For more information on how to read a scorecard, click here.

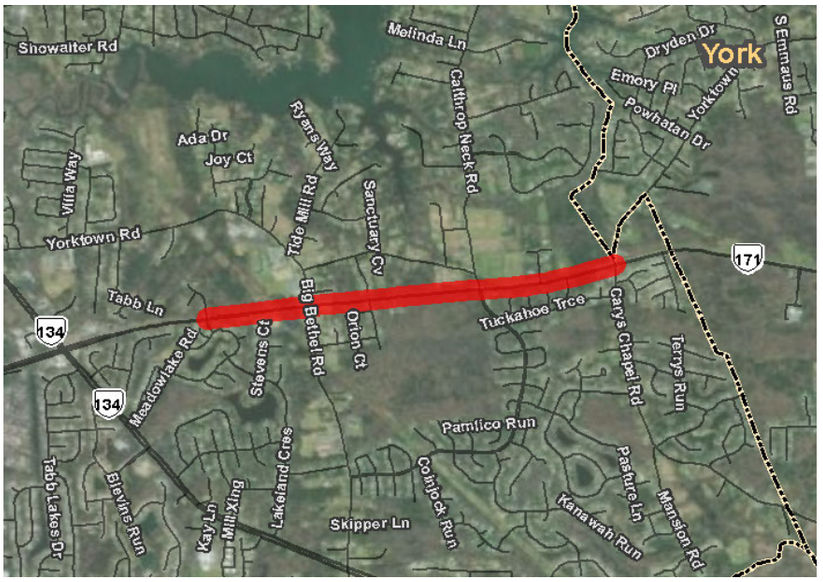
Route 171 capacity enhancements between Routes 134 and 782

Project Id: 3957

Intersection, turn lane, and shoulder improvements with a shared use path along Victory Boulevard (Route 171) between Hampton Highway and Cary's Chapel Road/East Yorktown Road.

Submitting Entity: York County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: Regional Network
(click here for details)





0.6 SMART SCALE SCORE		
	#343 OF 433 STATEWIDE	SMART SCALE Requested Funds..... **$12,193,000**
	#41 OF 54 DISTRICTWIDE	Total Project Cost..... **$13,763,000**
		Project Benefit..... **0.8**
		Project Benefit / Total Cost..... **0.6**

SMART SCALE Area Type A

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	18.8 persons	1.5 person hrs.	45.5 EPDO	335.7 EPDO / 100M VMT	8.3 jobs per resident	8.1 jobs per resident	56.4 adjusted users	30,906.1 thousand adj sq. ft.	19,443.8 thousand adj daily tons	40,620,827.4 adj. buffer time index	75.2 adjusted points	0.5 scaled points	20,250.2 access * pop/emp density.h	2,933.6 access * pop/emp density change.
Normalized Measure Value (0-100)	0.1	0.0	13.0	0.7	0.1	0.1	0.2	0.2	0.4	0.9	0.5	1.6	1.5	0.8
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.0		6.9		0.2			0.4			1.1		1.3	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%		20%	
Weighted Factor Value	0.0		0.3		0.0			0.0			0.1		0.3	
Project Benefit	0.8													
SMART SCALE Cost	$12,193,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.6**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

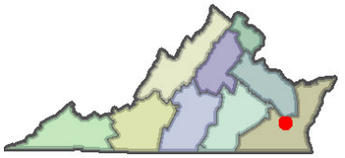
For more information on how to read a scorecard, click here.

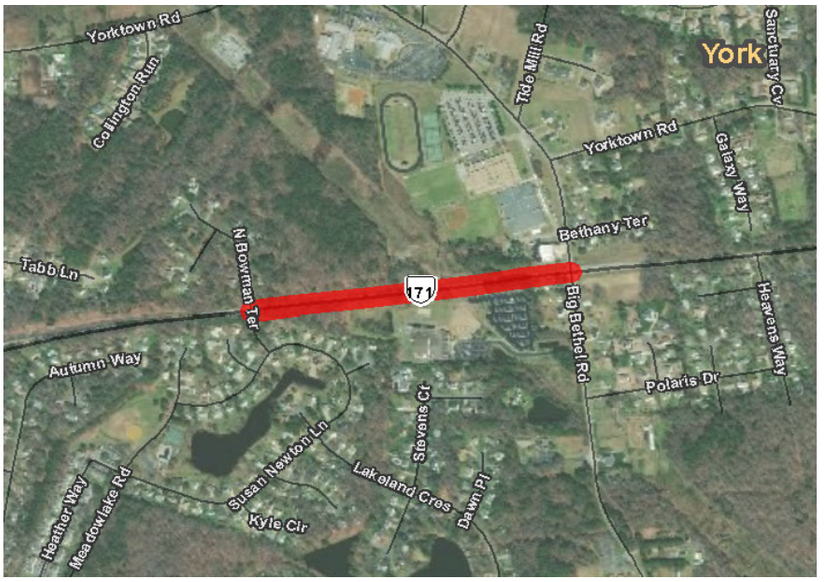
Route 171 capacity enhancements between Routes 134 and 1740

Project Id: 4105

Intersection, turn lane, and shoulder improvements with a shared use path along Route 171 between Route 134 and Heavens Way (Route 1740)

Submitting Entity: York County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: Regional Network
(click here for details)





3.0
SMART SCALE SCORE

#149 OF 433 STATEWIDE

#18 OF 54 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$2,420,000**
Total Project Cost.....	**$3,630,000**
Project Benefit.....	**0.7**
Project Benefit / Total Cost.....	**2.0**

SMART SCALE Area Type A

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	35.7 persons	0.9 person hrs.	21.7 EPDO	478.0 EPDO / 100M VMT	1.2 jobs per resident	1.2 jobs per resident	107.0 adjusted users	0.0 thousand adj sq. ft.	13,252.9 thousand adj daily tons	13,618,856.4 adj. buffer time index	142.7 adjusted points	0.6 scaled points	27,682.8 access * pop/emp density.h	4,122.0 access * pop/emp density change.
Normalized Measure Value (0-100)	0.1	0.0	6.2	1.0	0.0	0.0	0.4	0.0	0.3	0.3	1.0	1.8	2.1	1.2
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.1		3.6		0.1			0.1			1.4		1.8	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%		20%	
Weighted Factor Value	0.0		0.2		0.0			0.0			0.1		0.4	
Project Benefit	0.7													
SMART SCALE Cost	$2,420,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**3.0**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

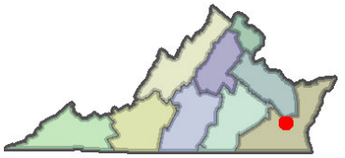
For more information on how to read a scorecard, click here.

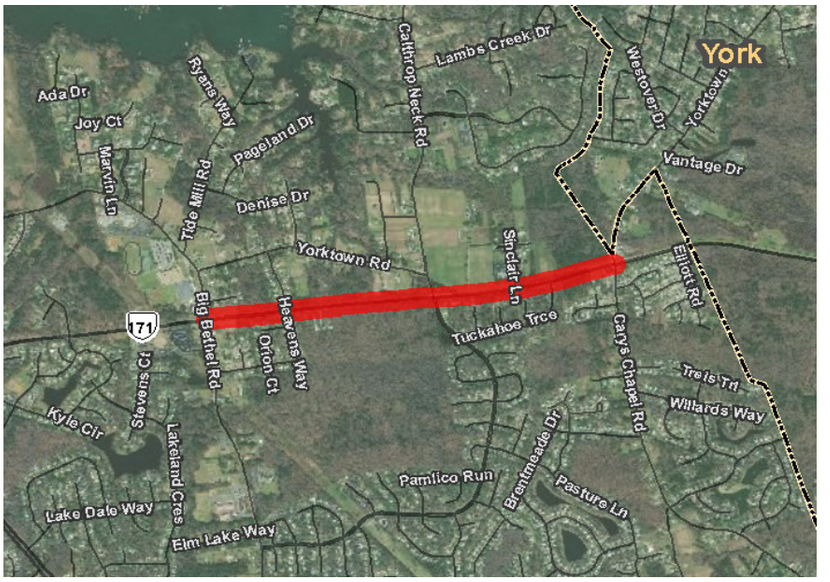
Route 171 capacity enhancements between Routes 1740 and 782

Project Id: 4108

Intersection, turn lane, and shoulder improvements with a shared use path along Route 171 between Heavens Way (900' West of) and East Yorktown Road/Cary's Chapel Road, the shared use path begins at Big Bethel Road.

Submitting Entity: York County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: Regional Network
(click here for details)





0.6
SMART SCALE SCORE

#348 OF 433 STATEWIDE

#42 OF 54 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$9,734,000**
Total Project Cost.....	**$10,094,000**
Project Benefit.....	**0.5**
Project Benefit / Total Cost.....	**0.5**

SMART SCALE Area Type A

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	19.5 persons	0.6 person hrs.	25.4 EPDO	275.5 EPDO / 100M VMT	8.4 jobs per resident	8.5 jobs per resident	58.6 adjusted users	30,906.1 thousand adj sq. ft.	7,921.4 thousand adj daily tons	21,853,599.1 adj. buffer time index	78.1 adjusted points	0.4 scaled points	16,966.7 access * pop/emp density.h	2,235.8 access * pop/emp density change.
Normalized Measure Value (0-100)	0.1	0.0	7.3	0.6	0.1	0.1	0.2	0.2	0.2	0.5	0.6	1.1	1.3	0.6
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.0		3.9		0.2			0.2			0.8		1.1	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%		20%	
Weighted Factor Value	0.0		0.2		0.0			0.0			0.1		0.2	
Project Benefit	0.5													
SMART SCALE Cost	$9,734,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.6**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT · DRPT · Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

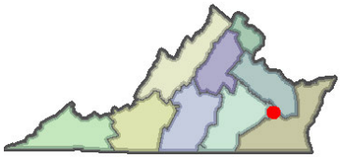
For more information on how to read a scorecard, click here.

Mooretown Rd/Lightfoot Rd Intersection Improvements

Project Id: 4169

Relocation of existing intersection to increase queuing area and addition of turn lanes in order to reduce congestion and improve safety

Submitting Entity: York County
Preliminary Engineering: Underway
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Urban Development Area
(click here for details)



0.2
SMART SCALE SCORE

#394 OF 433 STATEWIDE

#50 OF 54 DISTRICTWIDE

SMART SCALE Requested Funds..... **$11,534,305**
Total Project Cost..... **$12,868,713**
Project Benefit..... **0.2**
Project Benefit / Total Cost..... **0.2**

SMART SCALE Area Type A

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	0.9 person hrs.	5.6 EPDO	1,188.0 EPDO / 100M VMT	0.5 jobs per resident	0.5 jobs per resident	0.0 adjusted users	60,958.6 thousand adj sq. ft.	0.0 thousand adj daily tons	0.0 adj. buffer time index	0.0 adjusted points	0.2 scaled points	6,102.4 access * pop/emp density.h	2,342.7 access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	1.6	2.5	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.6	0.5	0.7
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.0		2.0		0.0			0.2			0.3		0.5	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%		20%	
Weighted Factor Value	0.0		0.1		0.0			0.0			0.0		0.1	
Project Benefit	0.2													
SMART SCALE Cost	$11,534,305													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.2**													

LYNCHBURG DISTRICT

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

Project Id	Project Name	Organization	District Rank	State Rank	Page #
3556	Rivermont Ave. and Bedford Ave. Intersection improvement	Lynchburg City	1	11	05-20
4177	Shula Drive Relocation	Pittsylvania County	2	29	05-25
3675	Southern Virginia Mega Site at Berry Hill Connector Road	Danville Metropolitan Planning Organization	3	52	05-11
3821	Main St. (US501)-Mountain Rd. (VA360) Turning Radius	Halifax Town	4	53	05-15
4304	Route 29/Route 151 Intersection	Amherst County	5	56	05-02
3827	US Route 29 and Route 6 Intersection	Nelson County	6	60	05-22
3554	US 501 Bus - Langhorne and Vassar Roundabout	Lynchburg City	7	124	05-18
3498	Route 29 / 699 Intersection Improvements	Campbell County	8	126	05-07
3493	RTE 221 - INTERSECTION IMPROVEMENTS.	Lynchburg City	9	171	05-17
3664	Route 58 WBL from Airport Dr to Kentuck Rd	Danville City	10	173	05-09
3633	Route 6/151 Intersection	Nelson County	11	184	05-21
3497	Route 29 Safety Improvements	Campbell County	12	192	05-06
3831	Route 29 & Oak Ridge Road	Nelson County	13	196	05-23
4233	Kentuck Road Improvements	Pittsylvania County	14	207	05-26
3555	Wards Ferry Rd. and CVCC Campus Drive Roundabout	Lynchburg City	15	214	05-19
4221	Piedmont Drive Pedestrian Accessibility Improvements	Danville City	16	220	05-10
3745	Altavista Elementary School Transportation Improvements	Altavista Town	17	251	05-01
4863	US 58/Route 751 Intersection	Halifax County	18	281	05-12
3822	L.P. Bailey Mem. Hwy. (US501)-Bethel Rd. (VA360) Roundabout	Halifax Town	19	289	05-16
3507	Interstection of Rt 692 and Rt 665	Prince Edward County	20	300	05-28
3820	North Main St. (US501)-Church St. (Rte. 1106) Re-alignment	Halifax Town	21	354	05-14
3495	Route 501 Passing Lanes	Campbell County	22	364	05-04
3656	Roundabout at Mt. Cross Rd. and Dimon Dr.	Danville City	23	374	05-08
3496	Phase 2 Lynbrook Road Reconstruction	Campbell County	24	381	05-05
4871	Route 751 Corridor and US 58/751 Intersection (Phase 1&2)	Halifax County	25	417	05-13
3867	Route 151 at Tanbark Drive intersection improvements	Nelson County	26	424	05-24
3887	Rt.15 Southbound at Rt. 617 (Gravel Hill Rd.)	Buckingham County	27	430	05-03
3506	US 460 Interchange	Prince Edward County	28	433	05-27

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT · DRPT · Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

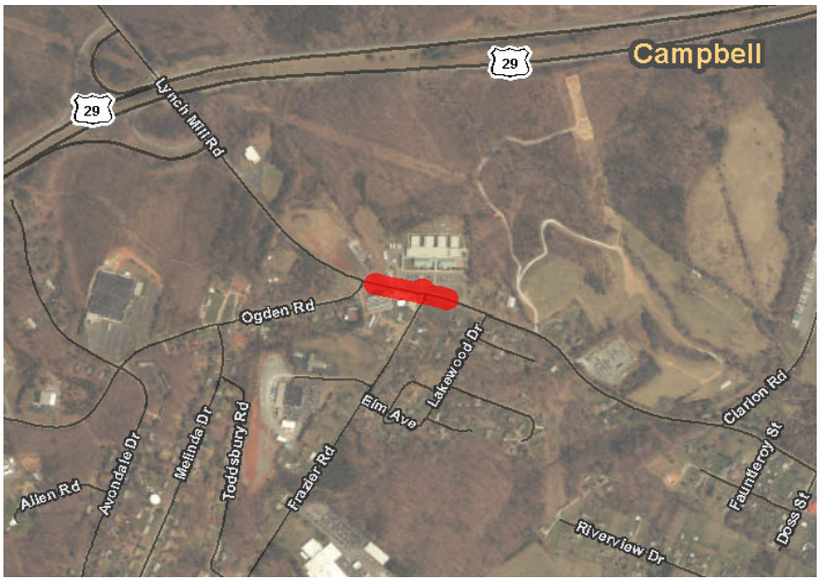
For more information on how to read a scorecard, click here.

Altavista Elementary School Transportation Improvements

Project Id: 3745

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.

Submitting Entity: Altavista Town
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Safety
(click here for details)



1.4
SMART SCALE SCORE

#251 OF 433 STATEWIDE

#17 OF 28 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$2,680,995**
Total Project Cost.....	**$2,680,995**
Project Benefit.....	**0.4**
Project Benefit / Total Cost.....	**1.4**

SMART SCALE Area Type D

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	0.0 person hrs.	0.3 EPDO	148.9 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	249,291.1 thousand adj sq. ft.	0.0 thousand adj daily tons	0.0 adj. buffer time index	0.0 adjusted points	0.3 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	0.1	0.3	0.0	0.0	0.0	1.3	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	N/A
Factor Value	0.0		0.2		0.0			0.8			0.5			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%		N/A	
Weighted Factor Value	0.0		0.1		0.0			0.3			0.0			
Project Benefit	0.4													
SMART SCALE Cost	$2,680,995													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.4**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

Route 29/Route 151 Intersection

Project Id: 4304

RTE 29 is a federal highway that runs north/south through Amherst County that intersects with RTE 151. This intersection is dangerous and is the site of numerous accidents. An RCUT is proposed at this location.

Submitting Entity: Amherst County
Preliminary Engineering: Underway
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: Regional Network
(click here for details)

7.5
SMART SCALE SCORE

#56 OF 433 STATEWIDE

#5 OF 28 DISTRICTWIDE

SMART SCALE Requested Funds..... **$3,300,027**
Total Project Cost..... **$3,300,027**
Project Benefit..... **2.5**
Project Benefit / Total Cost..... **7.5**

SMART SCALE Area Type D														
Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	0.1 person hrs.	27.3 EPDO	2,751.2 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	0.0 thousand adj sq. ft.	0.0 thousand adj daily tons	654,903.2 adj. buffer time index	436.0 adjusted points	2.0 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	7.8	5.7	0.0	0.0	0.0	0.0	0.0	0.0	3.1	6.1		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.0		6.8		0.0			0.0			4.6			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%		N/A	
Weighted Factor Value	0.0		2.0		0.0			0.0			0.5			
Project Benefit	2.5													
SMART SCALE Cost	$3,300,027													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**7.5**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

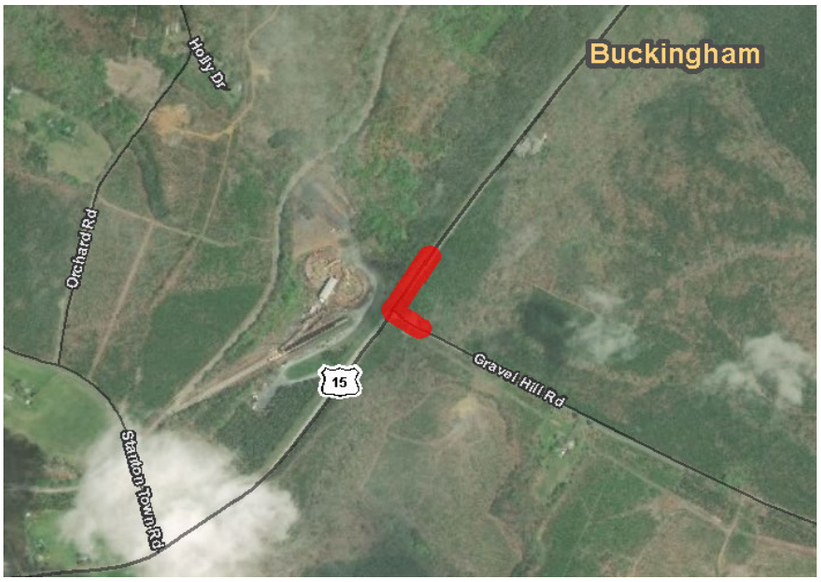
For more information on how to read a scorecard, click here.

Rt.15 Southbound at Rt. 617 (Gravel Hill Rd.)

Project Id: 3887

Add a southbound left turn lane onto Rt. 617 for safety and smoother commuter traffic

Submitting Entity: Buckingham County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Safety
(click here for details)



0.0
SMART SCALE SCORE

#430 OF 433 STATEWIDE

#27 OF 28 DISTRICTWIDE

SMART SCALE Requested Funds..... **$4,267,892**
Total Project Cost..... **$4,267,892**
Project Benefit..... **0.0**
Project Benefit / Total Cost..... **0.0**

SMART SCALE Area Type D

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	0.0 person hrs.	0.0 EPDO	0.0 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	0.0 thousand adj sq. ft.	0.0 thousand adj daily tons	39,095.4 adj. buffer time index	0.0 adjusted points	0.0 scaled points	access * pop/emp density.h	access * pop/emp density change.
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	N/A
Factor Value	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	$4,267,892													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.0**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

Route 501 Passing Lanes

Project Id: 3495

Provide improvements for passing lanes along a 1.9 mile segment of Route 501 south of Gladys Virginia.

Submitting Entity: Campbell County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: Regional Network
(click here for details)

0.4
SMART SCALE SCORE

#364 OF 433 STATEWIDE

#22 OF 28 DISTRICTWIDE

SMART SCALE Requested Funds..... **$27,877,300**
Total Project Cost..... **$27,877,300**
Project Benefit..... **1.2**
Project Benefit / Total Cost..... **0.4**

SMART SCALE Area Type D														
Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	0.0 person hrs.	20.7 EPDO	503.8 EPDO / 100M VMT	0.3 jobs per resident	0.6 jobs per resident	0.0 adjusted users	0.0 thousand adj sq. ft.	0.0 thousand adj daily tons	6,967,423.5 adj. buffer time index	0.0 adjusted points	1.0 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	5.9	1.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	3.0		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.0		3.5		0.0			0.0			1.5			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%		N/A	
Weighted Factor Value	0.0		1.0		0.0			0.0			0.2			
Project Benefit	1.2													
SMART SCALE Cost	$27,877,300													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.4**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

Phase 2 Lynbrook Road Reconstruction

Project Id: 3496

Complete the final section of Route 622 (Lynbrook Rd) from Route 29 to Route 1605. The purpose of the project is to improve the horizontal and vertical alignment to current design standards and provide a wider roadway to this rural major collector.

Submitting Entity: Campbell County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Safety
(click here for details)

0.3
SMART SCALE SCORE

#381 OF 433 STATEWIDE

#24 OF 28 DISTRICTWIDE

SMART SCALE Requested Funds..... **$18,668,395**
Total Project Cost..... **$18,668,395**
Project Benefit..... **0.6**
Project Benefit / Total Cost..... **0.3**

SMART SCALE Area Type C

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	0.3 person hrs.	10.2 EPDO	499.7 EPDO / 100M VMT	2.3 jobs per resident	1.6 jobs per resident	0.0 adjusted users	0.0 thousand adj sq. ft.	1,683.5 thousand adj daily tons	4,290,041.4 adj. buffer time index	0.0 adjusted points	0.5 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	2.9	1.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	1.4		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.0		2.0		0.0			0.0			0.7			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%		N/A	
Weighted Factor Value	0.0		0.5		0.0			0.0			0.1			
Project Benefit	0.6													
SMART SCALE Cost	$18,668,395													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.3**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

Route 29 Safety Improvements

Project Id: 3497

Construct a blended solution set to address identified problems and themed solutions along Route 29 from Route 24 to the Lynchburg City Limits. Improvement include various improvements to this major transportation corridor.

Submitting Entity: Campbell County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: Regional Network
(click here for details)

2.2
SMART SCALE SCORE

#192 OF 433 STATEWIDE

#12 OF 28 DISTRICTWIDE

SMART SCALE Requested Funds..... **$32,682,122**
Total Project Cost..... **$32,682,122**
Project Benefit..... **7.3**
Project Benefit / Total Cost..... **2.2**

SMART SCALE Area Type C

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	35.8 persons	36.3 person hrs.	100.4 EPDO	392.2 EPDO / 100M VMT	40.8 jobs per resident	47.3 jobs per resident	0.0 adjusted users	124,760.5 thousand adj sq. ft.	2,171,191.0 thousand adj daily tons	57,622,175.6 adj. buffer time index	0.0 adjusted points	6.0 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.1	0.6	28.8	0.8	0.7	0.8	0.0	0.6	46.0	1.3	0.0	18.2		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.3		14.8		0.6			9.8			9.1			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%		N/A	
Weighted Factor Value	0.1		3.7		0.1			2.5			0.9			
Project Benefit	7.3													
SMART SCALE Cost	$32,682,122													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**2.2**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

Route 29 / 699 Intersection Improvements

Project Id: 3498

Mid to long term solutions relative to geometric improvements to this intersection between a rural collector road and a 4 lane divided highway include installation of offset turn lane in RCUT type crossover.

Submitting Entity: Campbell County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Safety
(click here for details)

3.7
SMART SCALE SCORE

#126 OF 433 STATEWIDE

#8 OF 28 DISTRICTWIDE

SMART SCALE Requested Funds..... **$3,086,810**
Total Project Cost..... **$3,086,810**
Project Benefit..... **1.2**
Project Benefit / Total Cost..... **3.7**

SMART SCALE Area Type D														
Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	0.0 person hrs.	14.4 EPDO	1,243.3 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	0.0 thousand adj sq. ft.	0.0 thousand adj daily tons	926,585.0 adj. buffer time index	0.0 adjusted points	1.0 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	4.1	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.0		3.3		0.0			0.0			1.4			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%		N/A	
Weighted Factor Value	0.0		1.0		0.0			0.0			0.1			
Project Benefit	1.2													
SMART SCALE Cost	$3,086,810													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**3.7**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

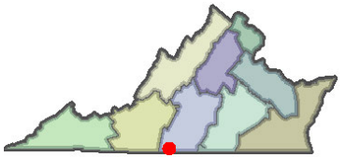
For more information on how to read a scorecard, click here.

Roundabout at Mt. Cross Rd. and Dimon Dr.

Project Id: 3656

Project to construct a 14' roundabout at the intersection of Mt. Cross Road, Dimon Drive, and Parker Road West.

Submitting Entity: Danville City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Urban Development Area
(click here for details)



0.4 SMART SCALE SCORE	#374 OF 433 STATEWIDE	SMART SCALE Requested Funds..... **$7,040,427**
	#23 OF 28 DISTRICTWIDE	Total Project Cost..... **$7,040,427**
		Project Benefit..... **0.2**
		Project Benefit / Total Cost..... **0.4**

SMART SCALE Area Type D

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	12.8 persons	0.3 person hrs.	1.6 EPDO	375.4 EPDO / 100M VMT	0.1 jobs per resident	0.1 jobs per resident	63.9 adjusted users	0.0 thousand adj sq. ft.	0.0 thousand adj daily tons	0.0 adj. buffer time index	63.9 adjusted points	0.2 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	0.5	0.8	0.0	0.0	0.2	0.0	0.0	0.0	0.5	0.6		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.0		0.6		0.0			0.0			0.5			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%		N/A	
Weighted Factor Value	0.0		0.2		0.0			0.0			0.1			
Project Benefit	0.2													
SMART SCALE Cost	$7,040,427													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.4**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT · DRPT · Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

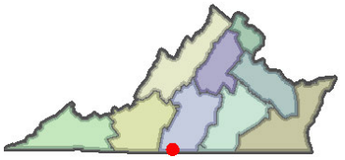
For more information on how to read a scorecard, click here.

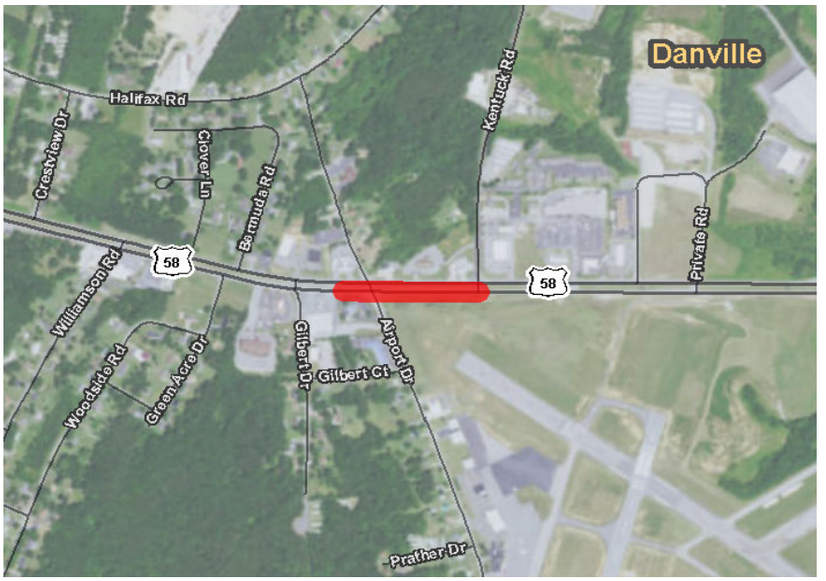
Route 58 WBL from Airport Dr to Kentuck Rd

Project Id: 3664

This work includes the addition of a third lane on Route 58 (South Boston Road) west bound. The work includes grading, asphalt paving, curb & gutter, storm drainage, traffic signal relocation, signage and commercial entrances.

Submitting Entity: Danville City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: CoSS
(click here for details)





2.4
SMART SCALE SCORE

#173 OF 433 STATEWIDE

#10 OF 28 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$3,453,896**
Total Project Cost.....	**$3,453,896**
Project Benefit.....	**0.8**
Project Benefit / Total Cost.....	**2.4**

SMART SCALE Area Type D

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	0.0 person hrs.	6.2 EPDO	0.0 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	0.0 thousand adj sq. ft.	42,972.5 thousand adj daily tons	0.0 adj. buffer time index	1,152.0 adjusted points	0.7 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	1.8	0.0	0.0	0.0	0.0	0.0	0.9	0.0	8.1	2.1		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.0		0.9		0.0			0.2			5.1			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%		N/A	
Weighted Factor Value	0.0		0.3		0.0			0.1			0.5			
Project Benefit	0.8													
SMART SCALE Cost	$3,453,896													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**2.4**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

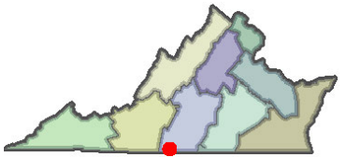
For more information on how to read a scorecard, click here.

Piedmont Drive Pedestrian Accessibility Improvements

Project Id: 4221

This project includes the installation of 2.25 miles of 6' sidewalk around a major commercial district to enable pedestrians to travel safely between destinations, and to provide connectivity between the area's bus stop locations as well as Averett.

Submitting Entity: Danville City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Urban Development Area
(click here for details)



1.9
SMART SCALE SCORE

#220 OF 433 STATEWIDE

#16 OF 28 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$5,797,934**
Total Project Cost.....	**$5,797,934**
Project Benefit.....	**1.1**
Project Benefit / Total Cost.....	**1.9**

SMART SCALE Area Type D

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	32.4 persons	0.0 person hrs.	16.4 EPDO	694.7 EPDO / 100M VMT	1.7 jobs per resident	1.8 jobs per resident	48.5 adjusted users	0.0 thousand adj sq. ft.	0.0 thousand adj daily tons	7,060,102.2 adj. buffer time index	0.0 adjusted points	0.9 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.1	0.0	4.7	1.4	0.0	0.0	0.2	0.0	0.0	0.2	0.0	2.7		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.1		3.1		0.1			0.0			1.4			
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	1.1													
SMART SCALE Cost	$5,797,934													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.9**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT · DRPT · Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

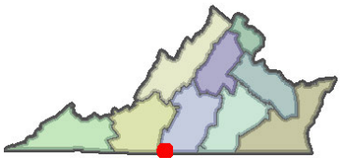
For more information on how to read a scorecard, click here.

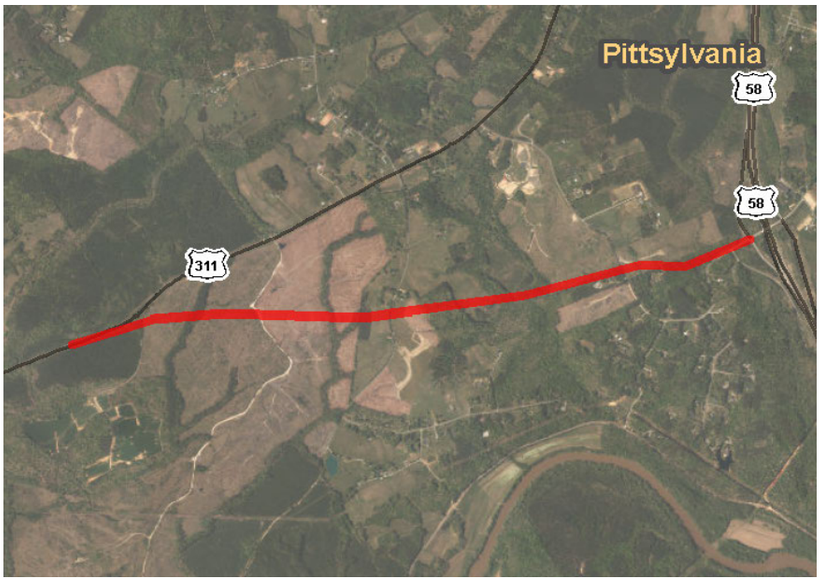
Southern Virginia Mega Site at Berry Hill Connector Road

Project Id: 3675

The project involves the construction of a connector road extending from the existing interchange of Oak Ridge Farms Road (Route 1260) and the Danville Expressway (U.S. Route 58) west to tie in with Berry Hill Road (U.S. 311) in Pittsylvania Co.

Submitting Entity:	Danville Metropolitan Planning Organization
Preliminary Engineering:	Not Started
Right of Way:	Not Started
Construction:	Not Started
Eligible Fund Program:	Statewide High Priority
VTRANS Need:	Regional Network (click here for details)





7.8
SMART SCALE SCORE

#52 OF 433 STATEWIDE

#3 OF 28 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$30,931,704**
Total Project Cost.....	**$33,456,704**
Project Benefit.....	**24.0**
Project Benefit / Total Cost.....	**7.2**

SMART SCALE Area Type D

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	99.5 persons	16.6 person hrs.	0.0 EPDO	0.0 EPDO / 100M VMT	17.2 jobs per resident	19.8 jobs per resident	0.0 adjusted users	19,645,300.0 thousand adj sq. ft.	4,427.1 thousand adj daily tons	4,312,017.2 adj. buffer time index	0.0 adjusted points	19.3 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.4	0.3	0.0	0.0	0.3	0.3	0.0	100.0	0.1	0.1	0.0	58.4		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.3		0.0		0.2			60.0			29.2			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%		N/A	
Weighted Factor Value	0.0		0.0		0.0			21.0			2.9			
Project Benefit	24.0													
SMART SCALE Cost	$30,931,704													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**7.8**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

US 58/Route 751 Intersection

Project Id: 4863

IMPROVEMENTS TO THE US 58 AND ROUTE 751 INTERSECTION - PHASE #1

Submitting Entity: Halifax County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Safety
(click here for details)

1.1
SMART SCALE SCORE

#281 OF 433 STATEWIDE

#18 OF 28 DISTRICTWIDE

SMART SCALE Requested Funds..... **$1,835,214**
Total Project Cost..... **$1,835,214**
Project Benefit..... **0.2**
Project Benefit / Total Cost..... **1.1**

SMART SCALE Area Type D

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	0.0 person hrs.	0.3 EPDO	112.0 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	0.0 thousand adj sq. ft.	0.0 thousand adj daily tons	26,791.1 adj. buffer time index	366.0 adjusted points	0.2 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	2.6	0.5		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.0		0.2		0.0			0.0			1.5			
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	$1,835,214													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.1**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

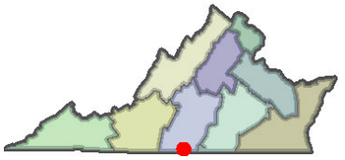
For more information on how to read a scorecard, click here.

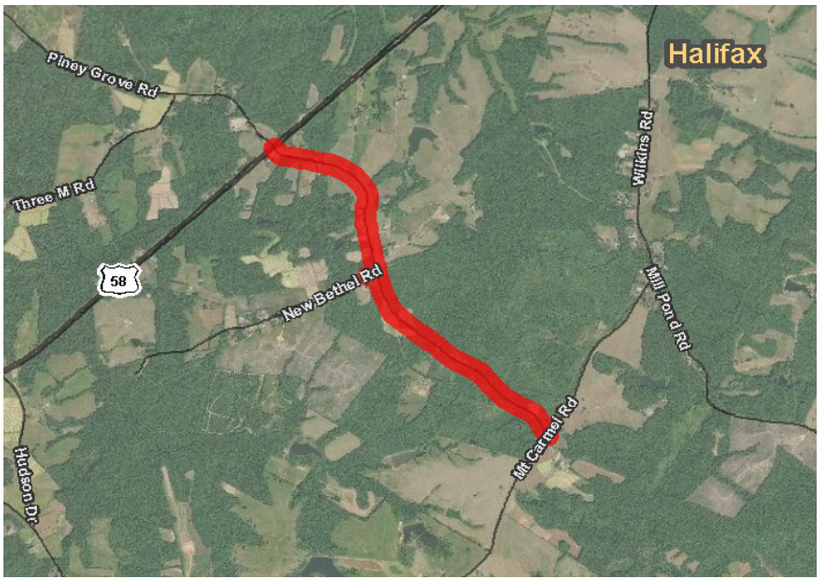
Route 751 Corridor and US 58/751 Intersection (Phase 1&2)

Project Id: 4871

RTE 58/751 INTERSECTION IMPROVEMENTS (PHASE 1) AND ROADWAY WIDENING AND PAVEMENT REHAB ON ROUTE 751 (PHASE 2)

Submitting Entity: Halifax County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Safety
(click here for details)





0.1
SMART SCALE SCORE

#417 OF 433 STATEWIDE

#25 OF 28 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$5,785,333**
Total Project Cost.....	**$5,785,333**
Project Benefit.....	**0.1**
Project Benefit / Total Cost.....	**0.1**

SMART SCALE Area Type D

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	0.0 person hrs.	0.2 EPDO	132.6 EPDO / 100M VMT	0.5 jobs per resident	0.2 jobs per resident	0.0 adjusted users	0.0 thousand adj sq. ft.	113.0 thousand adj daily tons	15,082.6 adj. buffer time index	0.0 adjusted points	0.0 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	0.1	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	N/A
Factor Value	0.0		0.2		0.0			0.0			0.1			
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	0.1													
SMART SCALE Cost	$5,785,333													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.1**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

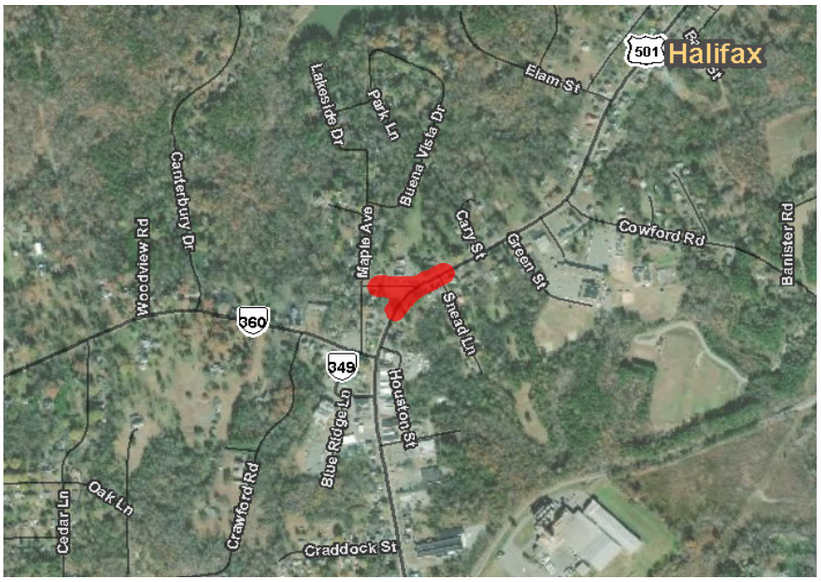
For more information on how to read a scorecard, click here.

North Main St. (US501)-Church St. (Rte. 1106) Re-alignment

Project Id: 3820

Re-alignment of the intersection at North Main St. (US501) and Church St. (Rte. 1106) north of the Halifax County War Memorial and historic Courthouse Square as part of the Halifax Downtown Revitalization Master Plan.

Submitting Entity: Halifax Town
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Urban Development Area
(click here for details)



0.5
SMART SCALE SCORE

#354 OF 433 STATEWIDE

#21 OF 28 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$1,938,680**
Total Project Cost.....	**$1,938,680**
Project Benefit.....	**0.1**
Project Benefit / Total Cost.....	**0.5**

SMART SCALE Area Type D

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	1.9 persons	0.0 person hrs.	0.6 EPDO	189.0 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	2.9 adjusted users	0.0 thousand adj sq. ft.	0.0 thousand adj daily tons	95,232.6 adj. buffer time index	0.0 adjusted points	0.1 scaled points	access * pop/emp density.h	access * pop/emp density change.
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	N/A
Factor Value	0.0		0.3		0.0			0.0			0.1			
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	$1,938,680													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.5**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

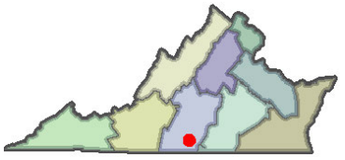
For more information on how to read a scorecard, click here.

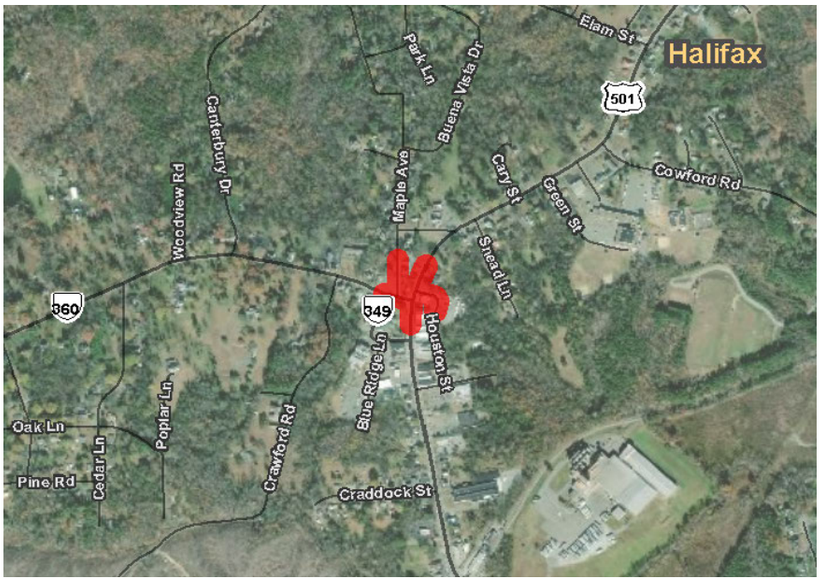
Main St. (US501)-Mountain Rd. (VA360) Turning Radius

Project Id: 3821

Turning radius increase at the intersection of US Highway 501 (Main St.) and Virginia Scenic Byway 360 (Mountain Rd.) between the historic Courthouse Square and Halifax County War Memorial as part of the Halifax Downtown Revitalization Master Plan.

Submitting Entity: Halifax Town
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Urban Development Area
(click here for details)





7.6
SMART SCALE SCORE

#53 OF 433 STATEWIDE

#4 OF 28 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$738,925**
Total Project Cost.....	**$738,925**
Project Benefit.....	**0.6**
Project Benefit / Total Cost.....	**7.6**

SMART SCALE Area Type D

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	0.0 person hrs.	0.2 EPDO	58.8 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	444,748.0 thousand adj sq. ft.	0.0 thousand adj daily tons	142,063.6 adj. buffer time index	0.0 adjusted points	0.4 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	0.1	0.1	0.0	0.0	0.0	2.3	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	N/A
Factor Value	0.0		0.1		0.0			1.4			0.6			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%		N/A	
Weighted Factor Value	0.0		0.0		0.0			0.5			0.1			
Project Benefit	0.6													
SMART SCALE Cost	$738,925													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**7.6**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

L.P. Bailey Mem. Hwy. (US501)-Bethel Rd. (VA360) Roundabout

Project Id: 3822

US Highway 501 (L.P. Bailey Memorial Hwy.) and Virginia Scenic Byway 360 (Bethel Rd.) roundabout installation as identified in Route 501 Corridor Improvements Study (UPC #100556) and Town of Halifax Comprehensive Plan (2025 Plan).

Submitting Entity: Halifax Town
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Urban Development Area
(click here for details)

1.0
SMART SCALE SCORE

#289 OF 433 STATEWIDE

#19 OF 28 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$6,839,605**
Total Project Cost.....	**$6,839,605**
Project Benefit.....	**0.7**
Project Benefit / Total Cost.....	**1.0**

SMART SCALE Area Type D

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	7.5 persons	1.1 person hrs.	1.6 EPDO	367.8 EPDO / 100M VMT	0.6 jobs per resident	0.4 jobs per resident	22.4 adjusted users	371,073.7 thousand adj sq. ft.	20,941.0 thousand adj daily tons	181,815.6 adj. buffer time index	29.9 adjusted points	0.6 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	0.5	0.8	0.0	0.0	0.1	1.9	0.4	0.0	0.2	1.7		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.0		0.6		0.0			1.2			1.0			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%		N/A	
Weighted Factor Value	0.0		0.2		0.0			0.4			0.1			
Project Benefit	0.7													
SMART SCALE Cost	$6,839,605													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.0**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT · DRPT · Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

RTE 221 - INTERSECTION IMPROVEMENTS.

Project Id: 3493

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.

Submitting Entity: Lynchburg City
Preliminary Engineering: Underway
Right of Way: Underway
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: Regional Network
(click here for details)

2.5
SMART SCALE SCORE

#171 OF 433 STATEWIDE

#9 OF 28 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$16,701,515**
Total Project Cost.....	**$38,538,037**
Project Benefit.....	**4.2**
Project Benefit / Total Cost.....	**1.1**

SMART SCALE Area Type C

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	47.7 persons	16.3 person hrs.	12.0 EPDO	98.8 EPDO / 100M VMT	51.5 jobs per resident	63.9 jobs per resident	238.5 adjusted users	3,530,492.7 thousand adj sq. ft.	44,492.1 thousand adj daily tons	79,542,344.0 adj. buffer time index	262.3 adjusted points	3.3 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.2	0.3	3.4	0.2	0.9	1.1	0.9	18.0	0.9	1.8	1.9	10.1		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.2		1.8		0.9			11.3			6.0			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%		N/A	
Weighted Factor Value	0.0		0.5		0.2			2.8			0.6			
Project Benefit	4.2													
SMART SCALE Cost	$16,701,515													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**2.5**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

US 501 Bus - Langhorne and Vassar Roundabout

Project Id: 3554

Construct a roundabout at the intersection of US 501 BUS (Langhorne Rd.) and Vassar Street.

Submitting Entity: Lynchburg City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Urban Development Area
(click here for details)

3.8
SMART SCALE SCORE

#124 OF 433 STATEWIDE

#7 OF 28 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$6,100,000**
Total Project Cost.....	**$6,100,000**
Project Benefit.....	**2.3**
Project Benefit / Total Cost.....	**3.8**

SMART SCALE Area Type C

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	0.6 person hrs.	16.0 EPDO	5,663.5 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	0.0 thousand adj sq. ft.	0.0 thousand adj daily tons	255,390.1 adj. buffer time index	0.0 adjusted points	1.8 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	4.6	11.7	0.0	0.0	0.0	0.0	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	N/A
Factor Value	0.0		8.1		0.0			0.0			2.8			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%		N/A	
Weighted Factor Value	0.0		2.0		0.0			0.0			0.3			
Project Benefit	2.3													
SMART SCALE Cost	$6,100,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**3.8**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

Wards Ferry Rd. and CVCC Campus Drive Roundabout

Project Id: 3555

Construct a roundabout at the intersection of Wards Ferry Rd., CVCC Campus Drive and Harvard Street. Project also includes 600' of sidewalk to tie into CVCC and 2000' of shared-use path.

Submitting Entity: Lynchburg City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: Regional Network
(click here for details)

1.9
SMART SCALE SCORE

#214 OF 433 STATEWIDE

#15 OF 28 DISTRICTWIDE

SMART SCALE Requested Funds..... **$7,630,000**
Total Project Cost..... **$7,630,000**
Project Benefit..... **1.5**
Project Benefit / Total Cost..... **1.9**

SMART SCALE Area Type C														
Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	87.7 persons	53.7 person hrs.	7.6 EPDO	446.6 EPDO / 100M VMT	55.6 jobs per resident	86.5 jobs per resident	46.5 adjusted users	723,939.9 thousand adj sq. ft.	0.0 thousand adj daily tons	0.0 adj. buffer time index	69.7 adjusted points	1.2 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.3	0.8	2.2	0.9	1.0	1.5	0.2	3.7	0.0	0.0	0.5	3.7		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.6		1.6		0.9			2.2			2.1			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%		N/A	
Weighted Factor Value	0.1		0.4		0.2			0.6			0.2			
Project Benefit	1.5													
SMART SCALE Cost	$7,630,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.9**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

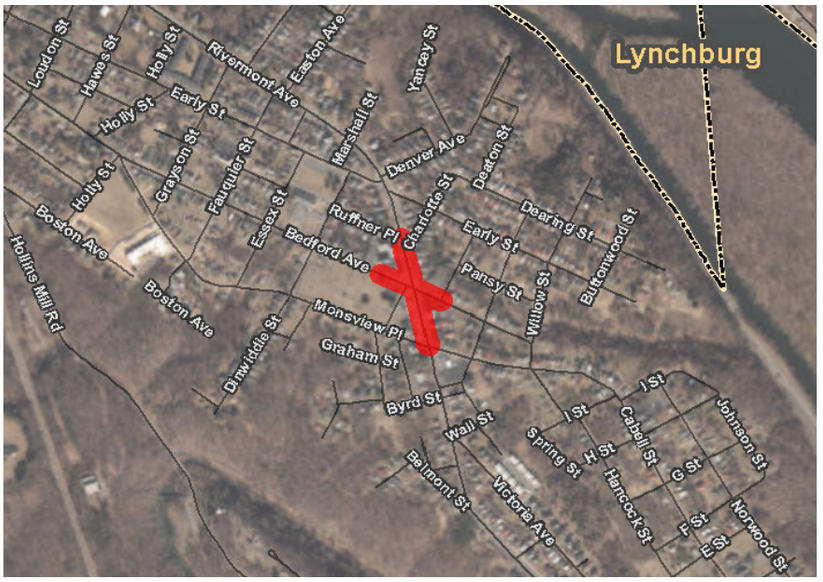
For more information on how to read a scorecard, click here.

Rivermont Ave. and Bedford Ave. Intersection improvement

Project Id: 3556

Construct directional left turning islands at the intersection of Rivermont Ave and Bedford Ave.

Submitting Entity: Lynchburg City
Preliminary Engineering: Not Started
Right of Way: Not Needed
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Urban Development Area
(click here for details)



28.0
SMART SCALE SCORE

#11 OF 433 STATEWIDE

#1 OF 28 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$485,000**
Total Project Cost.....	**$485,000**
Project Benefit.....	**1.4**
Project Benefit / Total Cost.....	**28.0**

SMART SCALE Area Type C

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	3.0 persons	0.1 person hrs.	17.1 EPDO	2,158.7 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	14.9 adjusted users	0.0 thousand adj sq. ft.	16,540.0 thousand adj daily tons	201,407.7 adj. buffer time index	9.0 adjusted points	1.1 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	4.9	4.5	0.0	0.0	0.1	0.0	0.4	0.0	0.1	3.3		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.0		4.7		0.0			0.1			1.7			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%		N/A	
Weighted Factor Value	0.0		1.2		0.0			0.0			0.2			
Project Benefit	1.4													
SMART SCALE Cost	$485,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**28.0**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

Route 6/151 Intersection

Project Id: 3633

Replace existing uncontrolled T intersection with a single lane roundabout.

Submitting Entity: Nelson County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Safety
(click here for details)

2.3
SMART SCALE SCORE

#184 OF 433 STATEWIDE

#11 OF 28 DISTRICTWIDE

SMART SCALE Requested Funds..... **$6,534,825**
Total Project Cost..... **$6,534,825**
Project Benefit..... **1.5**
Project Benefit / Total Cost..... **2.3**

SMART SCALE Area Type C														
Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	1.0 person hrs.	16.8 EPDO	2,842.7 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	0.0 thousand adj sq. ft.	0.0 thousand adj daily tons	535,432.4 adj. buffer time index	0.0 adjusted points	1.0 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	4.8	5.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.2		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.0		5.3		0.0			0.0			1.6			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%		N/A	
Weighted Factor Value	0.0		1.3		0.0			0.0			0.2			
Project Benefit	1.5													
SMART SCALE Cost	$6,534,825													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**2.3**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

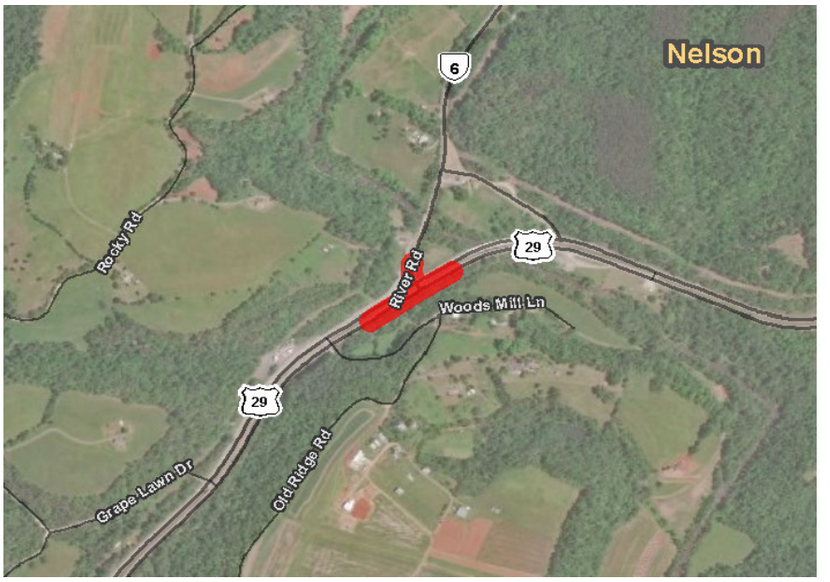
For more information on how to read a scorecard, click here.

US Route 29 and Route 6 Intersection

Project Id: 3827

Reconstruct the intersection of US 250 (Thomas Nelson Hwy) and Route 6 (River Road) by replacing the current unsignalized median crossover intersection (3-leg T-intersection) with an R-cut intersection.

Submitting Entity: Nelson County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Safety
(click here for details)



7.1
SMART SCALE SCORE

#60 OF 433 STATEWIDE

#6 OF 28 DISTRICTWIDE

SMART SCALE Requested Funds..... **$2,725,677**
Total Project Cost..... **$2,725,677**
Project Benefit..... **1.9**
Project Benefit / Total Cost..... **7.1**

SMART SCALE Area Type C

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	0.1 person hrs.	23.1 EPDO	2,969.8 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	0.0 thousand adj sq. ft.	0.0 thousand adj daily tons	466,694.4 adj. buffer time index	329.0 adjusted points	1.6 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	6.6	6.1	0.0	0.0	0.0	0.0	0.0	0.0	2.3	4.7		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.0		6.4		0.0			0.0			3.5			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%		N/A	
Weighted Factor Value	0.0		1.6		0.0			0.0			0.4			
Project Benefit	1.9													
SMART SCALE Cost	$2,725,677													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**7.1**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT · DRPT · Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

Route 29 & Oak Ridge Road

Project Id: 3831

Intersection improvement to include realignment of Oak Ridge Road and extension of right turn lane along Route 29.

Submitting Entity: Nelson County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Safety
(click here for details)

2.2
SMART SCALE SCORE

#196 OF 433 STATEWIDE

#13 OF 28 DISTRICTWIDE

SMART SCALE Requested Funds..... **$4,133,471**
Total Project Cost..... **$4,133,471**
Project Benefit..... **0.9**
Project Benefit / Total Cost..... **2.2**

SMART SCALE Area Type C

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	0.1 person hrs.	0.6 EPDO	70.3 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	967,225.7 thousand adj sq. ft.	0.0 thousand adj daily tons	204,890.1 adj. buffer time index	27.0 adjusted points	0.7 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	0.2	0.1	0.0	0.0	0.0	4.9	0.0	0.0	0.2	2.3		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.0		0.2		0.0			3.0			1.2			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%		N/A	
Weighted Factor Value	0.0		0.0		0.0			0.7			0.1			
Project Benefit	0.9													
SMART SCALE Cost	$4,133,471													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**2.2**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT · DRPT · Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

Route 151 at Tanbark Drive intersection improvements

Project Id: 3867

Intersection improvements at Tanbark Drive and Route 151

Submitting Entity: Nelson County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Safety
(click here for details)

0.0
SMART SCALE SCORE

#424 OF 433 STATEWIDE

#26 OF 28 DISTRICTWIDE

SMART SCALE Requested Funds..... **$5,491,202**
Total Project Cost..... **$5,491,202**
Project Benefit..... **0.0**
Project Benefit / Total Cost..... **0.0**

SMART SCALE Area Type C

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	0.0 person hrs.	0.1 EPDO	14.2 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	1,750.4 thousand adj sq. ft.	0.0 thousand adj daily tons	0.0 adj. buffer time index	0.0 adjusted points	0.0 scaled points	access * pop/emp density.h	access * pop/emp density change.
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	N/A
Factor Value	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	$5,491,202													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.0**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

Shula Drive Relocation

Project Id: 4177

Proposed project involves Intersection Improvements/Realignment to the existing intersection of US 29 and Route 642 Shula Drive to address safety concerns.

Submitting Entity: Pittsylvania County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: Regional Network
(click here for details)

11.7
SMART SCALE SCORE

#29 OF 433 STATEWIDE

#2 OF 28 DISTRICTWIDE

SMART SCALE Requested Funds..... **$4,768,466**
Total Project Cost..... **$4,768,466**
Project Benefit..... **5.6**
Project Benefit / Total Cost..... **11.7**

SMART SCALE Area Type D

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	0.3 person hrs.	51.8 EPDO	8,047.2 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	9,505.5 thousand adj sq. ft.	0.0 thousand adj daily tons	308,975.3 adj. buffer time index	442.0 adjusted points	4.6 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	14.9	16.6	0.0	0.0	0.0	0.0	0.0	0.0	3.1	14.0		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.0		15.7		0.0			0.0			8.6			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%		N/A	
Weighted Factor Value	0.0		4.7		0.0			0.0			0.9			
Project Benefit	5.6													
SMART SCALE Cost	$4,768,466													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**11.7**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

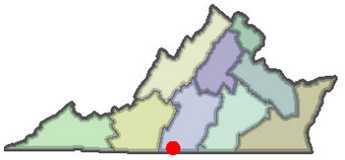
For more information on how to read a scorecard, click here.

Kentuck Road Improvements

Project Id: 4233

This project includes new turn lanes and other improvements to facilitate traffic flow between Kentuck Road and Ringgold Industrial Parkway and improvements to the intersection of 729/730 to improve safety.

Submitting Entity: Pittsylvania County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Safety
(click here for details)



2.0
SMART SCALE SCORE

#207 OF 433 STATEWIDE

#14 OF 28 DISTRICTWIDE

SMART SCALE Requested Funds..... **$7,203,813**
Total Project Cost..... **$7,203,813**
Project Benefit..... **1.4**
Project Benefit / Total Cost..... **2.0**

SMART SCALE Area Type D														
Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	0.0 person hrs.	14.7 EPDO	1,515.9 EPDO / 100M VMT	0.1 jobs per resident	0.1 jobs per resident	0.0 adjusted users	147,724.6 thousand adj sq. ft.	1,847.3 thousand adj daily tons	568,269.8 adj. buffer time index	0.0 adjusted points	1.2 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	4.2	3.1	0.0	0.0	0.0	0.8	0.0	0.0	0.0	3.6		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.0		3.7		0.0			0.5			1.8			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%		N/A	
Weighted Factor Value	0.0		1.1		0.0			0.2			0.2			
Project Benefit	1.4													
SMART SCALE Cost	$7,203,813													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**2.0**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

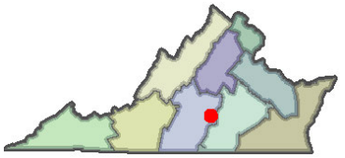
For more information on how to read a scorecard, click here.

US 460 Interchange

Project Id: 3506

Propose the build-out of the US 460 interchange east of the Town of Farmville

Submitting Entity: Prince Edward County
Preliminary Engineering: Underway
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: CoSS
(click here for details)



0.0
SMART SCALE SCORE

#433 OF 433 STATEWIDE

#28 OF 28 DISTRICTWIDE

SMART SCALE Requested Funds..... **$16,476,148**
Total Project Cost..... **$16,476,148**
Project Benefit..... **0.0**
Project Benefit / Total Cost..... **0.0**

SMART SCALE Area Type D

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	0.0 person hrs.	0.0 EPDO	0.0 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	0.0 thousand adj sq. ft.	0.0 thousand adj daily tons	49,827.8 adj. buffer time index	0.0 adjusted points	0.0 scaled points	access * pop/emp density.h	access * pop/emp density change.
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	N/A
Factor Value	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	$16,476,148													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.0**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

Interstection of Rt 692 and Rt 665

Project Id: 3507

Intersection Improvement to include a left turn lane EB 665. Refurbish existing pavement markings and replace exiting signs.

Submitting Entity: Prince Edward County
Preliminary Engineering: Complete
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Safety
(click here for details)

0.9
SMART SCALE SCORE

#300 OF 433 STATEWIDE

#20 OF 28 DISTRICTWIDE

SMART SCALE Requested Funds..... **$4,528,690**
Total Project Cost..... **$4,528,690**
Project Benefit..... **0.4**
Project Benefit / Total Cost..... **0.9**

SMART SCALE Area Type D														
Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	0.0 person hrs.	1.4 EPDO	953.6 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	0.0 thousand adj sq. ft.	0.0 thousand adj daily tons	0.0 adj. buffer time index	0.0 adjusted points	0.3 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	0.4	2.0	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	N/A
Factor Value	0.0		1.2		0.0			0.0			0.5			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%		N/A	
Weighted Factor Value	0.0		0.4		0.0			0.0			0.1			
Project Benefit	0.4													
SMART SCALE Cost	$4,528,690													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.9**													

NORTHERN VIRGINIA DISTRICT

SMART SCALE | *Funding the Right Transportation Projects in Virginia*

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

Project Id	Project Name	Organization	District Rank	State Rank	Page #
4129	Citywide TSP on Major Corridors	DASH Alexandria Transit Company	1	5	06-06
3903	Crystal City Potomac Yard Transitway Southern Extension	Arlington Transit	2	10	06-04
4098	S Washington Multimodal Improvements	Falls Church City	3	16	06-21
3568	Safety & Capacity Enhancements at Duke/Taylor Run/Telegraph	Alexandria City	4	20	06-03
3510	Access Improvements to the Landmark Transit Hub	Alexandria City	5	35	06-02
3779	Pickett Trail Connector	Fairfax City	6	66	06-11
3537	Route 50 Corridor Improvements	Loudoun County	7	76	06-27
3778	Fairfax Blvd/Warwick Ave Intersection Improvements	Fairfax City	8	82	06-10
3930	Crystal City Metro East Entrance	Arlington Transit	9	83	06-05
3452	West End Transitway Corridor Investments	Alexandria City	10	92	06-01
4134	DASH Zero Emission Fleet Expansion	DASH Alexandria Transit Company	11	102	06-07
3487	South Elden Street Corridor Improvements	Herndon Town	12	147	06-22
3799	Richmond Highway-Bus Rapid Transit	Fairfax County	13	152	06-16
3499	I-95 Southbound Auxiliary Lane Project (Exit 160 to 158)	Prince William County	14	161	06-32
3561	Eaton Place and Chain Bridge Road Intersection Improvements	Fairfax City	15	223	06-09
3801	Braddock Road Multimodal Improvements Phase I	Fairfax County	16	244	06-18
4075	Intersection Improvements at Old Bridge Rd and Occoquan Rd	Prince William County	17	249	06-37
3780	Seven Corners Ring Road (Phase 1A Segment 1A)	Fairfax County	18	270	06-13
3517	Belmont Ridge Road	Loudoun County	19	273	06-24
4277	Route 28 Widening NB (McLearen Road to Route 50)	Fairfax County	20	285	06-20
3536	Route 50 Roundabout at Trailhead Drive	Loudoun County	21	309	06-26
3591	Route 15 & Braddock Road – Roundabout	Loudoun County	22	313	06-29
3482	Summit School Road Extension and Telegraph Road Widening	Prince William County	23	318	06-31
3502	Route 1 at Route 123 Interchange Improvements	Prince William County	24	338	06-33
3800	Braddock Road Multimodal Improvements Phase II	Fairfax County	25	340	06-17
3760	Route 286 Widening from Route 29 to Route 123	Fairfax County	26	344	06-12
3592	Route 7 (Route 9 to Dulles Greenway)	Loudoun County	27	373	06-30
3531	Shellhorn Road (Route 643) Extension	Loudoun County	28	375	06-25

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

Project Id	Project Name	Organization	District Rank	State Rank	Page #
3787	Richmond Highway Corridor Improvements	Fairfax County	29	383	06-14
3796	Davis Drive Extension and Dulles Toll Rd Rock Hill Overpass	Fairfax County	30	386	06-15
3828	Frontier Drive Extension	Fairfax County	31	388	06-19
4056	Rte 15 Leesburg Bypass Interchange with Edwards Ferry Road	Leesburg Town	32	398	06-23
3504	Route 15 Improvements with Railroad Overpass	Prince William County	33	400	06-34
4076	Wellington Rd Widening: University Blvd to Balls Ford Rd	Prince William County	34	401	06-38
3505	Devlin Rd Widening:Linton Hall Rd to Relocated Balls Ford Rd	Prince William County	35	404	06-35
3763	Route 1 (Fraley Boulevard) Widening	Dumfries Town	36	405	06-08
3521	University Blvd Extension - Devlin Rd to Wellington Rd	Prince William County	37	407	06-36
4437	Rt 234 and Sudley Manor Dr Interchange Improvements (SPUI)	Prince William County	38	412	06-39
3552	Northstar Boulevard (Braddock Road to Tall Cedars Parkway)	Loudoun County	39	420	06-28

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT · DRPT · Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

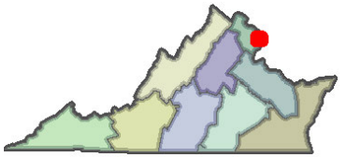
For more information on how to read a scorecard, click here.

West End Transitway Corridor Investments

Project Id: 3452

This project will design and Construct the infrastructure necessary to support the phased implementation of the West End Transitway, including TSP, queue jumps, non-motorized facilities, stations, streetscape improvements and rolling stock.

Submitting Entity: Alexandria City
Preliminary Engineering: Underway
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: CoSS
(click here for details)



5.1
SMART SCALE SCORE

#92 OF 433 STATEWIDE

#10 OF 39 DISTRICTWIDE

SMART SCALE Requested Funds..... **$57,200,000**
Total Project Cost..... **$61,800,000**
Project Benefit..... **29.2**
Project Benefit / Total Cost..... **4.7**

SMART SCALE Area Type A

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	2,928.0 persons	643.9 person hrs.	33.5 EPDO	86.8 EPDO / 100M VMT	1,653.7 jobs per resident	2,552.3 jobs per resident	14,165.9 adjusted users	7,414,543.8 thousand adj sq. ft.	79,931.5 thousand adj daily tons	141,935,293.9 adj. buffer time index	14,165.9 adjusted points	20.2 scaled points	651,654.1 access * pop/emp density.h	149,664.9 access * pop/emp density change.
Normalized Measure Value (0-100)	10.4	10.0	9.6	0.2	29.1	44.1	50.6	37.7	1.7	3.3	100.0	61.1	49.2	42.4
Measure Weight (% of Factor)	50%	50%	100%	0%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	10.2		9.6		36.4			23.6			80.6		47.1	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%		20%	
Weighted Factor Value	4.6		0.5		5.5			1.2			8.1		9.4	
Project Benefit	29.2													
SMART SCALE Cost	$57,200,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**5.1**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT · DRPT · Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

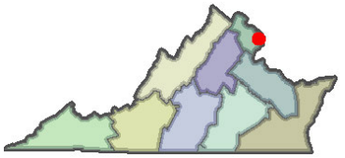
For more information on how to read a scorecard, click here.

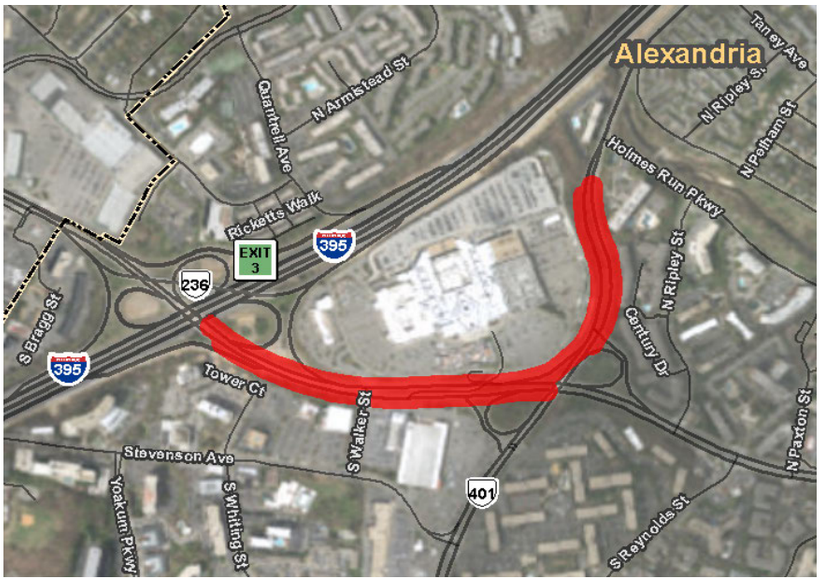
Access Improvements to the Landmark Transit Hub

Project Id: 3510

Funds will be utilized to support the design and construction of critical multi-modal transportation infrastructure to support access to the Landmark Transit Hub / West End Transitway.

Submitting Entity: Alexandria City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: Regional Network
(click here for details)





10.2
SMART SCALE SCORE

#35 OF 433 STATEWIDE

#5 OF 39 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$6,334,630**
Total Project Cost.....	**$6,334,630**
Project Benefit.....	**6.5**
Project Benefit / Total Cost.....	**10.2**

SMART SCALE Area Type A

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	68.1 persons	0.0 person hrs.	10.1 EPDO	187.8 EPDO / 100M VMT	70.7 jobs per resident	100.0 jobs per resident	204.3 adjusted users	0.0 thousand adj sq. ft.	0.0 thousand adj daily tons	0.0 adj. buffer time index	0.0 adjusted points	4.2 scaled points	405,608.8 access * pop/emp density.h	72,487.8 access * pop/emp density change.
Normalized Measure Value (0-100)	0.2	0.0	2.9	0.4	1.2	1.7	0.7	0.0	0.0	0.0	0.0	12.7	30.6	20.5
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.1		1.6		1.2			0.0			6.3		27.6	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%		20%	
Weighted Factor Value	0.1		0.1		0.2			0.0			0.6		5.5	
Project Benefit	6.5													
SMART SCALE Cost	$6,334,630													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**10.2**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

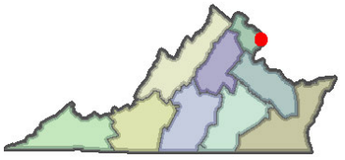
For more information on how to read a scorecard, click here.

Safety & Capacity Enhancements at Duke/Taylor Run/Telegraph

Project Id: 3568

Realign intersection approaches, add access points for neighborhood safety and improve access to i-495 based on the recommendations from the Central Alexandria Traffic Study.

Submitting Entity: Alexandria City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: Regional Network
(click here for details)



16.9
SMART SCALE SCORE

#20 OF 433 STATEWIDE

#4 OF 39 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$5,745,460**
Total Project Cost.....	**$6,545,460**
Project Benefit.....	**9.7**
Project Benefit / Total Cost.....	**14.8**

SMART SCALE Area Type A

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	18.0 persons	0.0 person hrs.	0.0 EPDO	0.0 EPDO / 100M VMT	1.6 jobs per resident	2.1 jobs per resident	90.0 adjusted users	0.0 thousand adj sq. ft.	0.0 thousand adj daily tons	20,043,741.3 adj. buffer time index	0.0 adjusted points	6.0 scaled points	610,173.4 access * pop/emp density.h	137,188.5 access * pop/emp density change.
Normalized Measure Value (0-100)	0.1	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.5	0.0	18.1	46.1	38.9
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.0		0.0		0.1			0.1			9.1		43.9	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%		20%	
Weighted Factor Value	0.0		0.0		0.0			0.0			0.9		8.8	
Project Benefit	9.7													
SMART SCALE Cost	$5,745,460													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**16.9**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT · DRPT · Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

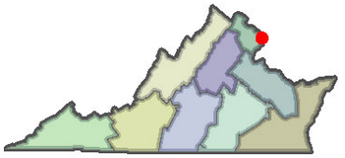
For more information on how to read a scorecard, click here.

Crystal City Potomac Yard Transitway Southern Extension

Project Id: 3903

Construct the southern portion of the Crystal City Potomac Yard Transitway "Segment C" between South Glebe Road in Arlington County to the Arlington County / City of Alexandria Line at Four Mile Run.

Submitting Entity: Arlington Transit
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Statewide High Priority
VTRANS Need: CoSS
(click here for details)



29.5
SMART SCALE SCORE

#10 OF 433 STATEWIDE

#2 OF 39 DISTRICTWIDE

SMART SCALE Requested Funds..... **$6,611,694**
Total Project Cost..... **$8,426,694**
Project Benefit..... **19.5**
Project Benefit / Total Cost..... **23.2**

SMART SCALE Area Type A

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	263.0 persons	5.9 person hrs.	2.4 EPDO	0.9 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	1,315.0 adjusted users	2,289,330.0 thousand adj sq. ft.	0.0 thousand adj daily tons	828,868.7 adj. buffer time index	263.0 adjusted points	11.2 scaled points	1,138,521.4 access * pop/emp density.h	290,237.6 access * pop/emp density change.
Normalized Measure Value (0-100)	0.9	0.1	0.7	0.0	0.0	0.0	4.7	11.7	0.0	0.0	1.9	34.0	85.9	82.2
Measure Weight (% of Factor)	50%	50%	100%	0%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.5		0.7		0.9			7.0			17.9		84.8	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%		20%	
Weighted Factor Value	0.2		0.0		0.1			0.3			1.8		17.0	
Project Benefit	19.5													
SMART SCALE Cost	$6,611,694													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**29.5**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

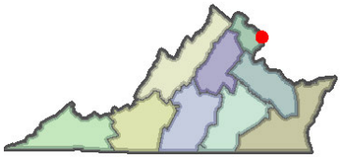
For more information on how to read a scorecard, click here.

Crystal City Metro East Entrance

Project Id: 3930

Construct a second entrance to the Crystal City Metrorail Station at the northwest corner of the intersection of Crystal Drive and 18th Street South, located to the east of the existing entrance on south Bell Street at 18th Street South.

Submitting Entity: Arlington Transit
Preliminary Engineering: Underway
Right of Way: Not Needed
Construction: Not Started
Eligible Fund Program: Statewide High Priority
VTRANS Need: Regional Network
(click here for details)



5.5
SMART SCALE SCORE

#83 OF 433 STATEWIDE

#9 OF 39 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$52,900,000**
Total Project Cost.....	**$90,765,000**
Project Benefit.....	**29.0**
Project Benefit / Total Cost.....	**3.2**

SMART SCALE Area Type A

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	1,236.1 persons	67.5 person hrs.	10.9 EPDO	4.4 EPDO / 100M VMT	69.8 jobs per resident	61.0 jobs per resident	6,180.5 adjusted users	8,261,999.0 thousand adj sq. ft.	0.0 thousand adj daily tons	852,986.9 adj. buffer time index	6,180.5 adjusted points	22.5 scaled points	1,324,959.0 access * pop/emp density.h	353,065.4 access * pop/emp density change.
Normalized Measure Value (0-100)	4.4	1.0	3.1	0.0	1.2	1.1	22.1	42.1	0.0	0.0	43.6	68.1	100.0	100.0
Measure Weight (% of Factor)	50%	50%	100%	0%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	2.7		3.1		5.4			25.2			55.9		100.0	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%		20%	
Weighted Factor Value	1.2		0.2		0.8			1.3			5.6		20.0	
Project Benefit	29.0													
SMART SCALE Cost	$52,900,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**5.5**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

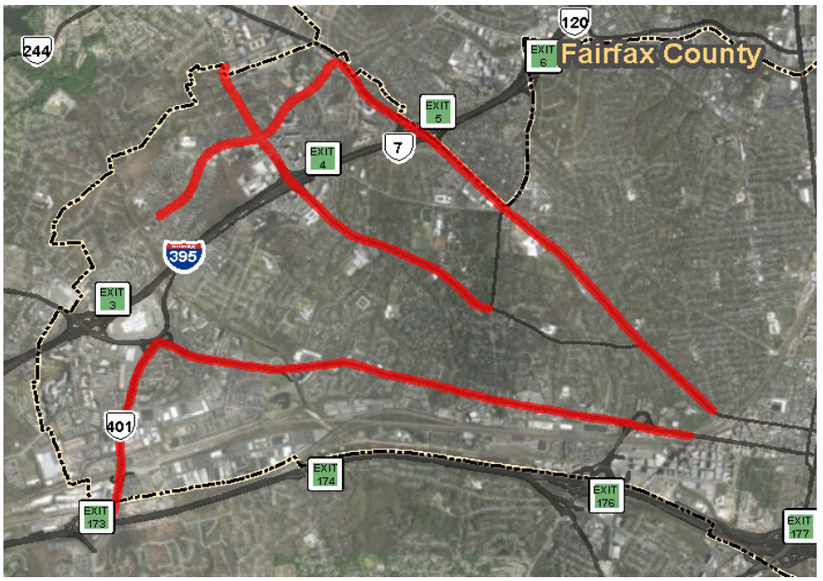
For more information on how to read a scorecard, click here.

Citywide TSP on Major Corridors

Project Id: 4129

DASH and the City of Alexandria are proposing to install transit signal prioritization (TSP) on 50 intersections on five major transit corridors, and to retrofit the remaining DASH buses to improve speed, efficiency and reliability of bus service.

Submitting Entity:	DASH Alexandria Transit Company
Preliminary Engineering:	Not Started
Right of Way:	Not Needed
Construction:	Not Started
Eligible Fund Program:	Statewide High Priority
VTRANS Need:	Regional Network (click here for details)



49.1
SMART SCALE SCORE

#5 OF 433 STATEWIDE

#1 OF 39 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$2,110,000**
Total Project Cost.....	**$2,230,000**
Project Benefit.....	**10.4**
Project Benefit / Total Cost.....	**46.4**

SMART SCALE Area Type A

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	190.0 persons	2.9 person hrs.	10.2 EPDO	8.3 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	950.0 adjusted users	2,212,835.5 thousand adj sq. ft.	0.0 thousand adj daily tons	2,872,378.7 adj. buffer time index	190.0 adjusted points	9.0 scaled points	575,317.7 access * pop/emp density.h	123,428.8 access * pop/emp density change.
Normalized Measure Value (0-100)	0.7	0.0	2.9	0.0	0.0	0.0	3.4	11.3	0.0	0.1	1.3	27.2	43.4	35.0
Measure Weight (% of Factor)	50%	50%	100%	0%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.4		2.9		0.7			6.8			14.3		40.9	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%		20%	
Weighted Factor Value	0.2		0.1		0.1			0.3			1.4		8.2	
Project Benefit	10.4													
SMART SCALE Cost	$2,110,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**49.1**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT · DRPT · Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

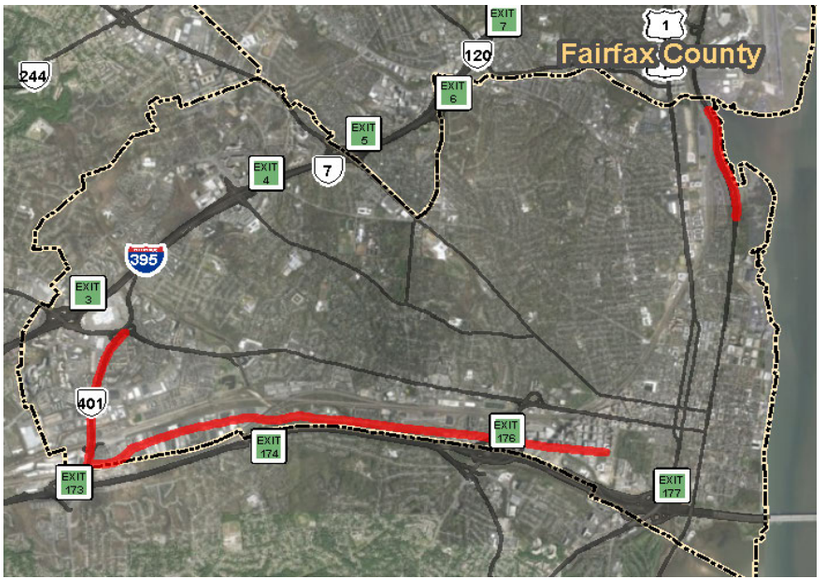
For more information on how to read a scorecard, click here.

DASH Zero Emission Fleet Expansion

Project Id: 4134

This DASH Zero Emission Bus Fleet Expansion seeks to modernize and expand the current DASH bus fleet with the purchase of twelve (12) new zero-emission buses and any supporting power/maintenance/ITS equipment.

Submitting Entity: DASH Alexandria Transit Company
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Statewide High Priority
VTRANS Need: Regional Network
(click here for details)



4.6
SMART SCALE SCORE

#102 OF 433 STATEWIDE

#11 OF 39 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$23,129,839**
Total Project Cost.....	**$35,063,000**
Project Benefit.....	**10.7**
Project Benefit / Total Cost.....	**3.0**

SMART SCALE Area Type A

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	680.0 persons	8.1 person hrs.	9.7 EPDO	7.3 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	3,400.0 adjusted users	1,321,079.0 thousand adj sq. ft.	0.0 thousand adj daily tons	1,146,475.1 adj. buffer time index	1,360.0 adjusted points	9.3 scaled points	524,395.3 access * pop/emp density.h	116,177.0 access * pop/emp density change.
Normalized Measure Value (0-100)	2.4	0.1	2.8	0.0	0.0	0.0	12.1	6.7	0.0	0.0	9.6	28.1	39.6	32.9
Measure Weight (% of Factor)	50%	50%	100%	0%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	1.3		2.8		2.4			4.0			18.8		37.6	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%		20%	
Weighted Factor Value	0.6		0.1		0.4			0.2			1.9		7.5	
Project Benefit	10.7													
SMART SCALE Cost	$23,129,839													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**4.6**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

Route 1 (Fraley Boulevard) Widening

Project Id: 3763

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.

Submitting Entity: Dumfries Town
Preliminary Engineering: Underway
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: CoSS
(click here for details)

0.2
SMART SCALE SCORE

#405 OF 433 STATEWIDE

#36 OF 39 DISTRICTWIDE

SMART SCALE Requested Funds..... **$89,316,999**
Total Project Cost..... **$141,800,000**
Project Benefit..... **1.6**
Project Benefit / Total Cost..... **0.1**

SMART SCALE Area Type A														
Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	87.1 persons	16.6 person hrs.	40.5 EPDO	344.6 EPDO / 100M VMT	171.8 jobs per resident	267.4 jobs per resident	193.4 adjusted users	1,761,306.9 thousand adj sq. ft.	96,202.3 thousand adj daily tons	85,234,991.1 adj. buffer time index	193.4 adjusted points	1.2 scaled points	10,271.4 access * pop/emp density.h	2,619.0 access * pop/emp density change.
Normalized Measure Value (0-100)	0.3	0.3	11.6	0.7	3.0	4.6	0.7	9.0	2.0	2.0	1.4	3.5	0.8	0.7
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.3		6.2		2.9			6.2			2.5		0.8	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%		20%	
Weighted Factor Value	0.1		0.3		0.4			0.3			0.2		0.2	
Project Benefit	1.6													
SMART SCALE Cost	$89,316,999													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.2**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

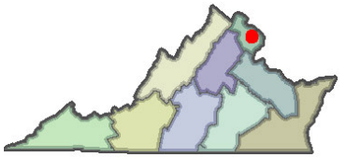
For more information on how to read a scorecard, click here.

Eaton Place and Chain Bridge Road Intersection Improvements

Project Id: 3561

This project will construct a two-lane roundabout at the Chain Bridge Road (Route 123)/Eaton Place intersection. The roundabout will improve safety and vehicular flow along Route 123 and the adjacent service drives and neighborhood roads.

Submitting Entity: Fairfax City
Preliminary Engineering: Underway
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: CoSS
(click here for details)



1.8
SMART SCALE SCORE

#223 OF 433 STATEWIDE

#15 OF 39 DISTRICTWIDE

SMART SCALE Requested Funds..... **$21,402,085**
Total Project Cost..... **$32,152,085**
Project Benefit..... **3.9**
Project Benefit / Total Cost..... **1.2**

SMART SCALE Area Type A														
Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	196.2 persons	17.8 person hrs.	72.0 EPDO	2,778.6 EPDO / 100M VMT	36.4 jobs per resident	30.5 jobs per resident	981.0 adjusted users	143,341.6 thousand adj sq. ft.	1,370.7 thousand adj daily tons	31,262,683.2 adj. buffer time index	981.0 adjusted points	3.1 scaled points	160,185.3 access * pop/emp density.h	20,253.0 access * pop/emp density change.
Normalized Measure Value (0-100)	0.7	0.3	20.6	5.7	0.6	0.5	3.5	0.7	0.0	0.7	6.9	9.3	12.1	5.7
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.5		13.2		1.2			0.6			8.1		10.2	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%		20%	
Weighted Factor Value	0.2		0.7		0.2			0.0			0.8		2.0	
Project Benefit	3.9													
SMART SCALE Cost	$21,402,085													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.8**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

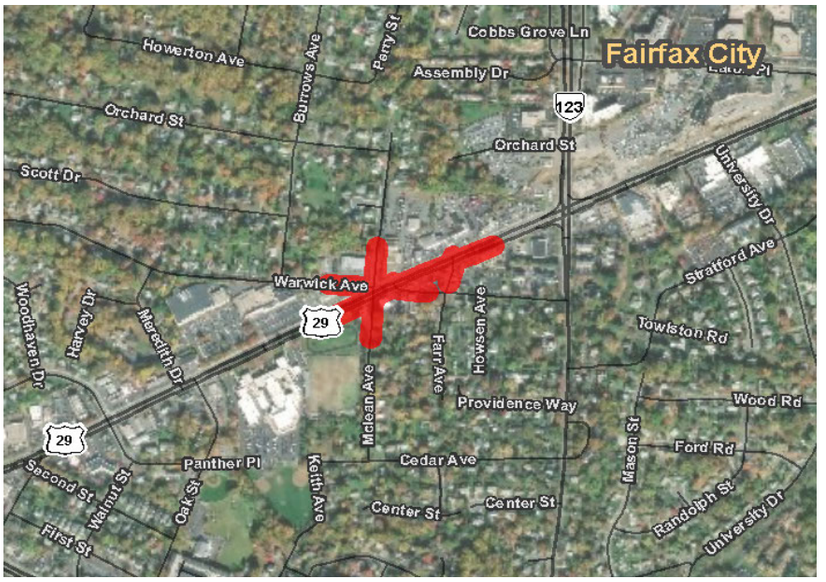
For more information on how to read a scorecard, click here.

Fairfax Blvd/Warwick Ave Intersection Improvements

Project Id: 3778

This project aims to improve traffic flow, safety and multi-modal mobility on Fairfax Blvd at the intersection with Warwick Ave by reducing the number of signal phases and intersection legs.

Submitting Entity: Fairfax City
Preliminary Engineering: Underway
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: CoSS
(click here for details)



5.6
SMART SCALE SCORE

#82 OF 433 STATEWIDE

#8 OF 39 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$8,839,327**
Total Project Cost.....	**$8,839,327**
Project Benefit.....	**4.9**
Project Benefit / Total Cost.....	**5.6**

SMART SCALE Area Type A

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	135.4 persons	487.2 person hrs.	3.8 EPDO	128.4 EPDO / 100M VMT	1.6 jobs per resident	2.8 jobs per resident	677.1 adjusted users	294,050.3 thousand adj sq. ft.	8,674.0 thousand adj daily tons	11,405,133.7 adj. buffer time index	406.3 adjusted points	3.8 scaled points	175,012.9 access * pop/emp density.h	22,714.4 access * pop/emp density change.
Normalized Measure Value (0-100)	0.5	7.6	1.1	0.3	0.0	0.0	2.4	1.5	0.2	0.3	2.9	11.6	13.2	6.4
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	4.0		0.7		0.5			1.0			7.2		11.2	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%		20%	
Weighted Factor Value	1.8		0.0		0.1			0.0			0.7		2.2	
Project Benefit	4.9													
SMART SCALE Cost	$8,839,327													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**5.6**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

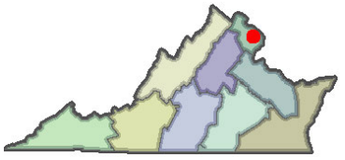
For more information on how to read a scorecard, click here.

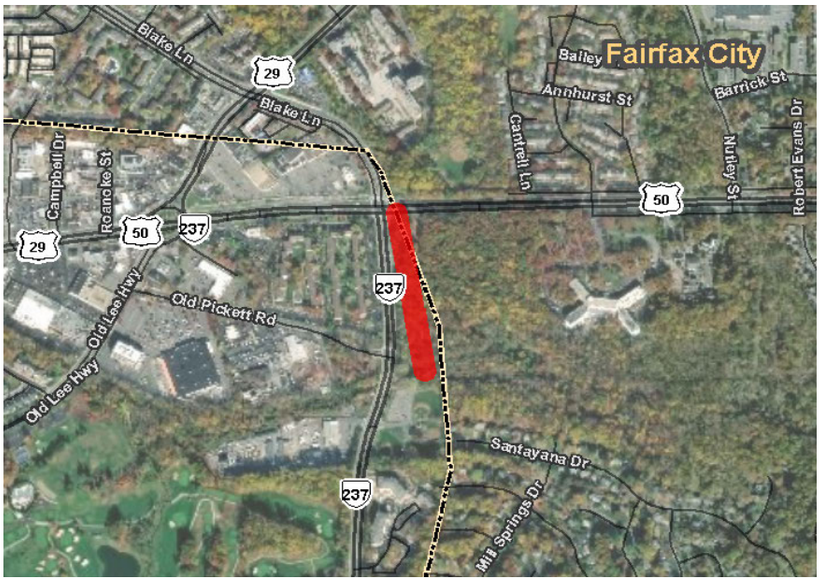
Pickett Trail Connector

Project Id: 3779

The Pickett Road Connector Trail is a 10-foot wide, 1,260-feet long multipurpose trail that links two major regional trail networks. It includes two 14-foot wide bridges and two boardwalk sections over a wetland and steep slopes.

Submitting Entity: Fairfax City
Preliminary Engineering: Underway
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: Regional Network
(click here for details)





6.7 SMART SCALE SCORE	#66	OF 433 STATEWIDE	SMART SCALE Requested Funds..... **$5,965,444**
	#6	OF 39 DISTRICTWIDE	Total Project Cost..... **$5,965,444**
			Project Benefit..... **4.0**
			Project Benefit / Total Cost..... **6.7**

SMART SCALE Area Type A

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	32.1 persons	0.0 person hrs.	0.0 EPDO	0.0 EPDO / 100M VMT	36.3 jobs per resident	36.0 jobs per resident	128.5 adjusted users	772,328.0 thousand adj sq. ft.	0.0 thousand adj daily tons	0.0 adj. buffer time index	0.0 adjusted points	3.1 scaled points	257,769.6 access * pop/emp density.h	34,387.0 access * pop/emp density change.
Normalized Measure Value (0-100)	0.1	0.0	0.0	0.0	0.6	0.6	0.5	3.9	0.0	0.0	0.0	9.5	19.5	9.7
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.1		0.0		0.6			2.4			4.7		16.5	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%		20%	
Weighted Factor Value	0.0		0.0		0.1			0.1			0.5		3.3	
Project Benefit	4.0													
SMART SCALE Cost	$5,965,444													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**6.7**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

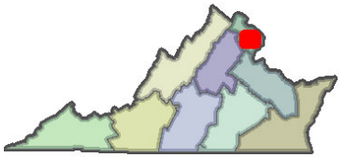
For more information on how to read a scorecard, click here.

Route 286 Widening from Route 29 to Route 123

Project Id: 3760

Widen Route 286 from Route 29 to Route 123 from four lanes to six lanes, improve the Route 123 interchange, upgrade at-grade intersections and improve pedestrian and bicycle amenities along the project corridor.

Submitting Entity: Fairfax County
Preliminary Engineering: Underway
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: CoSS
(click here for details)



0.6
SMART SCALE SCORE

#344 OF 433 STATEWIDE

#26 OF 39 DISTRICTWIDE

SMART SCALE Requested Funds..... **$80,453,321**
Total Project Cost..... **$130,200,000**
Project Benefit..... **5.0**
Project Benefit / Total Cost..... **0.4**

SMART SCALE Area Type A														
Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	287.3 persons	82.6 person hrs.	146.2 EPDO	96.7 EPDO / 100M VMT	844.1 jobs per resident	853.3 jobs per resident	182.5 adjusted users	0.0 thousand adj sq. ft.	0.0 thousand adj daily tons	1,126,376,984.9 adj. buffer time index	182.5 adjusted points	3.6 scaled points	61,964.3 access * pop/emp density.h	9,203.2 access * pop/emp density change.
Normalized Measure Value (0-100)	1.0	1.3	41.9	0.2	14.9	14.7	0.7	0.0	0.0	25.8	1.3	10.9	4.7	2.6
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	1.2		21.1		12.0			5.2			6.1		4.1	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%		20%	
Weighted Factor Value	0.5		1.1		1.8			0.3			0.6		0.8	
Project Benefit	5.0													
SMART SCALE Cost	$80,453,321													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.6**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

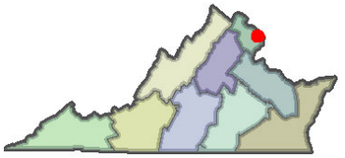
For more information on how to read a scorecard, click here.

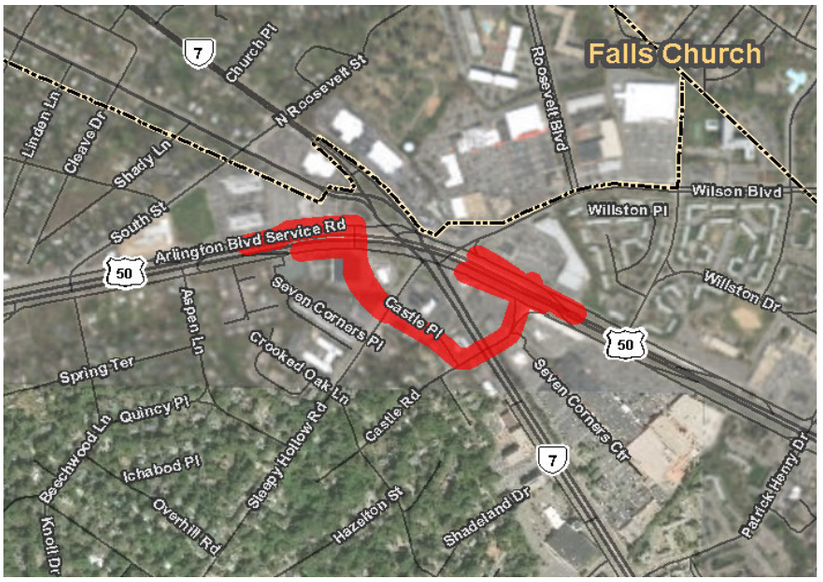
Seven Corners Ring Road (Phase 1A Segment 1A)

Project Id: 3780

This includes the construction of a portion of the Seven Corners "Ring Road" from Route 50 WB Ramp to the intersection of Castle Place and Sleepy Hollow Road with 11-foot travel lanes, a 12-foot bi-directional cycle track, and 8-foot parking lanes.

Submitting Entity: Fairfax County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: CoSS
(click here for details)





1.2
SMART SCALE SCORE

#270 OF 433 STATEWIDE

#18 OF 39 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$82,800,335**
Total Project Cost.....	**$94,800,000**
Project Benefit.....	**9.8**
Project Benefit / Total Cost.....	**1.0**

SMART SCALE Area Type A

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	147.2 persons	50.0 person hrs.	5.1 EPDO	796.0 EPDO / 100M VMT	107.6 jobs per resident	132.3 jobs per resident	3.8 adjusted users	68,660.0 thousand adj sq. ft.	4.5 thousand adj daily tons	214,155.9 adj. buffer time index	3.8 adjusted points	8.1 scaled points	582,793.0 access * pop/emp density.h	108,007.4 access * pop/emp density change.
Normalized Measure Value (0-100)	0.5	0.8	1.5	1.6	1.9	2.3	0.0	0.3	0.0	0.0	0.0	24.5	44.0	30.6
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.6		1.6		1.6			0.2			12.3		40.0	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%		20%	
Weighted Factor Value	0.3		0.1		0.2			0.0			1.2		8.0	
Project Benefit	9.8													
SMART SCALE Cost	$82,800,335													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.2**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

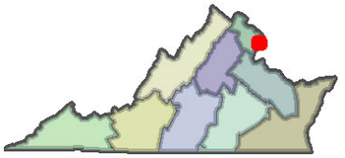
For more information on how to read a scorecard, click here.

Richmond Highway Corridor Improvements

Project Id: 3787

This project will widen the 2.9-mile section of Richmond Highway between Mount Vernon Memorial Highway/Jeff Todd Way and Napper Road from 4 to 6 lanes, add bicycle and pedestrian facilities, and reserve a median for future Bus Rapid Transit (BRT).

Submitting Entity: Fairfax County
Preliminary Engineering: Underway
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: CoSS
(click here for details)



0.3
SMART SCALE SCORE

#383 OF 433 STATEWIDE

#29 OF 39 DISTRICTWIDE

SMART SCALE Requested Funds..... **$194,203,000**
Total Project Cost..... **$372,000,000**
Project Benefit..... **5.9**
Project Benefit / Total Cost..... **0.2**

SMART SCALE Area Type A

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	164.5 persons	55.6 person hrs.	335.2 EPDO	745.1 EPDO / 100M VMT	128.8 jobs per resident	208.0 jobs per resident	822.5 adjusted users	164,626.1 thousand adj sq. ft.	65,738.0 thousand adj daily tons	362,667,185.1 adj. buffer time index	822.5 adjusted points	4.4 scaled points	112,562.0 access * pop/emp density.h	25,097.4 access * pop/emp density change.
Normalized Measure Value (0-100)	0.6	0.9	96.1	1.5	2.3	3.6	2.9	0.8	1.4	8.3	5.8	13.4	8.5	7.1
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.7		48.8		2.7			2.4			9.6		8.1	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%		20%	
Weighted Factor Value	0.3		2.4		0.4			0.1			1.0		1.6	
Project Benefit	5.9													
SMART SCALE Cost	$194,203,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.3**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

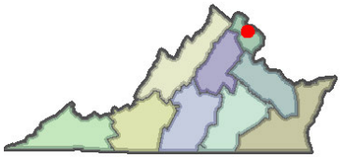
For more information on how to read a scorecard, click here.

Davis Drive Extension and Dulles Toll Rd Rock Hill Overpass

Project Id: 3796

This project will be a new four-lane divided roadway and bridge over the Dulles Toll Road connecting Sunrise Valley Drive in Fairfax County and Innovation Avenue in Loudoun County.

Submitting Entity: Fairfax County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: CoSS
(click here for details)



0.3
SMART SCALE SCORE

#386 OF 433 STATEWIDE

#30 OF 39 DISTRICTWIDE

SMART SCALE Requested Funds..... **$143,295,330**
Total Project Cost..... **$164,900,000**
Project Benefit..... **4.0**
Project Benefit / Total Cost..... **0.2**

SMART SCALE Area Type A

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	323.2 persons	106.4 person hrs.	0.0 EPDO	0.0 EPDO / 100M VMT	559.3 jobs per resident	202.2 jobs per resident	58.9 adjusted users	60,712.6 thousand adj sq. ft.	3,908.0 thousand adj daily tons	44,375,007.1 adj. buffer time index	58.9 adjusted points	3.2 scaled points	118,669.0 access * pop/emp density.h	35,023.4 access * pop/emp density change.
Normalized Measure Value (0-100)	1.1	1.7	0.0	0.0	9.9	3.5	0.2	0.3	0.1	1.0	0.4	9.7	9.0	9.9
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	1.4		0.0		6.7			0.4			5.0		9.2	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%		20%	
Weighted Factor Value	0.6		0.0		1.0			0.0			0.5		1.8	
Project Benefit	4.0													
SMART SCALE Cost	$143,295,330													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.3**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

Richmond Highway-Bus Rapid Transit

Project Id: 3799

The Richmond Highway (Route 1) Bus Rapid Transit (BRT) project includes median running BRT from Huntington Metro Area to Fort Belvior. The project will include: new transit stations, facilities for bicycle, pedestrian and vehicle travel modes.

Submitting Entity: Fairfax County
Preliminary Engineering: Underway
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: CoSS
(click here for details)

3.0
SMART SCALE SCORE

#152 OF 433 STATEWIDE

#13 OF 39 DISTRICTWIDE

SMART SCALE Requested Funds..... **$50,000,000**
Total Project Cost..... **$544,800,000**
Project Benefit..... **15.0**
Project Benefit / Total Cost..... **0.3**

SMART SCALE Area Type A

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	1,328.5 persons	141.6 person hrs.	348.7 EPDO	295.8 EPDO / 100M VMT	257.2 jobs per resident	350.1 jobs per resident	6,642.3 adjusted users	662,863.6 thousand adj sq. ft.	0.0 thousand adj daily tons	353,692,401.8 adj. buffer time index	7,306.6 adjusted points	11.6 scaled points	179,296.3 access * pop/emp density.h	40,876.2 access * pop/emp density change.
Normalized Measure Value (0-100)	4.7	2.2	100.0	0.6	4.5	6.0	23.7	3.4	0.0	8.1	51.6	35.0	13.5	11.6
Measure Weight (% of Factor)	50%	50%	100%	0%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	3.5		100.0		8.7			3.6			43.3		12.9	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%		20%	
Weighted Factor Value	1.6		5.0		1.3			0.2			4.3		2.6	
Project Benefit	15.0													
SMART SCALE Cost	$50,000,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**3.0**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

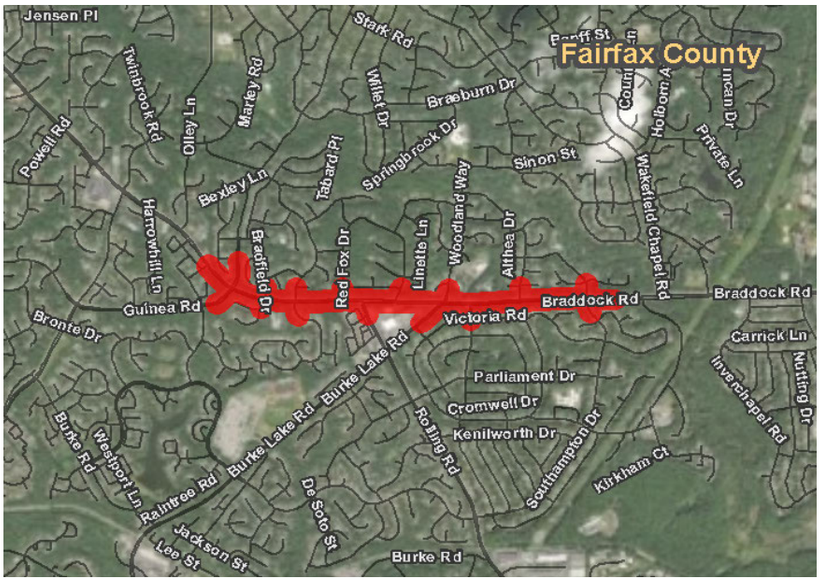
For more information on how to read a scorecard, click here.

Braddock Road Multimodal Improvements Phase II

Project Id: 3800

Multimodal improvements on Braddock Rd (Humphries Dr to Southampton Dr) providing access management and bike/ped improvements via intersection improvements, shared use paths/sidewalks, pedestrian overpass bridge (s), traffic signals, and bus stops.

Submitting Entity: Fairfax County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: Regional Network
(click here for details)



0.7
SMART SCALE SCORE

#340 OF 433 STATEWIDE

#25 OF 39 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$69,250,018**
Total Project Cost.....	**$74,350,018**
Project Benefit.....	**4.6**
Project Benefit / Total Cost.....	**0.6**

SMART SCALE Area Type A

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	245.2 persons	15.5 person hrs.	127.8 EPDO	324.8 EPDO / 100M VMT	44.7 jobs per resident	26.8 jobs per resident	1,201.8 adjusted users	0.0 thousand adj sq. ft.	15,572.0 thousand adj daily tons	339,128,429.6 adj. buffer time index	1,201.8 adjusted points	3.7 scaled points	167,948.3 access * pop/emp density.h	18,707.0 access * pop/emp density change.
Normalized Measure Value (0-100)	0.9	0.2	36.6	0.7	0.8	0.5	4.3	0.0	0.3	7.8	8.5	11.2	12.7	5.3
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.6		18.7		1.4			1.6			9.9		10.5	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%		20%	
Weighted Factor Value	0.2		0.9		0.2			0.1			1.0		2.1	
Project Benefit	4.6													
SMART SCALE Cost	$69,250,018													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.7**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT · DRPT · Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

Braddock Road Multimodal Improvements Phase I

Project Id: 3801

Multimodal improvements on Braddock Rd (Southampton Dr to Ravensworth Rd) providing access management and bike/ped improvements via intersection improvements, modifications to I-495 ramps, paths/sidewalks, traffic signals, bus stops, and crosswalks.

Submitting Entity: Fairfax County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: Regional Network
(click here for details)

1.5
SMART SCALE SCORE

#244 OF 433 STATEWIDE

#16 OF 39 DISTRICTWIDE

SMART SCALE Requested Funds..... **$79,977,838**
Total Project Cost..... **$87,544,459**
Project Benefit..... **11.8**
Project Benefit / Total Cost..... **1.4**

SMART SCALE Area Type A

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	291.5 persons	528.1 person hrs.	193.7 EPDO	509.8 EPDO / 100M VMT	2,034.3 jobs per resident	1,936.6 jobs per resident	532.2 adjusted users	0.0 thousand adj sq. ft.	77,378.6 thousand adj daily tons	295,684,180.7 adj. buffer time index	532.2 adjusted points	8.7 scaled points	189,396.6 access * pop/emp density.h	27,038.2 access * pop/emp density change.
Normalized Measure Value (0-100)	1.0	8.2	55.5	1.1	35.8	33.5	1.9	0.0	1.6	6.8	3.8	26.3	14.3	7.7
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	4.6		28.3		28.6			1.7			15.0		12.3	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%		20%	
Weighted Factor Value	2.1		1.4		4.3			0.1			1.5		2.5	
Project Benefit	11.8													
SMART SCALE Cost	$79,977,838													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.5**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

Frontier Drive Extension

Project Id: 3828

Extend Frontier Drive from its terminus south of the Franconia-Springfield Parkway to Loisdale Road, including improved access to the Franconia-Springfield Transit Center and braided ramps to and from the Franconia-Springfield Parkway.

Submitting Entity: Fairfax County
Preliminary Engineering: Underway
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: Regional Network
(click here for details)

0.3 SMART SCALE SCORE	**#388** OF 433 STATEWIDE	SMART SCALE Requested Funds..... **$105,000,000**
	#31 OF 39 DISTRICTWIDE	Total Project Cost..... **$140,000,000**
		Project Benefit..... **2.8**
		Project Benefit / Total Cost..... **0.2**

SMART SCALE Area Type A

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	10.9 persons	2.2 person hrs.	7.2 EPDO	28.9 EPDO / 100M VMT	31.1 jobs per resident	8.6 jobs per resident	23.1 adjusted users	2,341,890.2 thousand adj sq. ft.	411.3 thousand adj daily tons	6,791,370.6 adj. buffer time index	23.1 adjusted points	1.8 scaled points	139,933.0 access * pop/emp density.h	32,594.8 access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	2.1	0.1	0.5	0.1	0.1	11.9	0.0	0.2	0.2	5.6	10.6	9.2
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.0		1.1		0.4			7.2			2.9		10.2	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%		20%	
Weighted Factor Value	0.0		0.1		0.1			0.4			0.3		2.0	
Project Benefit	2.8													
SMART SCALE Cost	$105,000,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.3**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

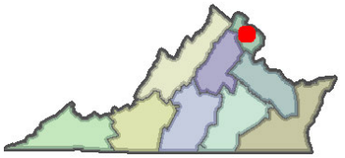
For more information on how to read a scorecard, click here.

Route 28 Widening NB (McLearen Road to Route 50)

Project Id: 4277

Widening of northbound VA Route 28 from Route 50 at the southern limits, and McLearen Road at the northern limits.

Submitting Entity: Fairfax County
Preliminary Engineering: Complete
Right of Way: Complete
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: Regional Network
(click here for details)



1.1
SMART SCALE SCORE

#285 OF 433 STATEWIDE

#20 OF 39 DISTRICTWIDE

SMART SCALE Requested Funds..... **$21,137,000**
Total Project Cost..... **$23,205,000**
Project Benefit..... **2.2**
Project Benefit / Total Cost..... **1.0**

SMART SCALE Area Type A

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.1 persons	0.1 person hrs.	12.4 EPDO	25.4 EPDO / 100M VMT	261.0 jobs per resident	330.4 jobs per resident	0.0 adjusted users	21,178.8 thousand adj sq. ft.	340,805.3 thousand adj daily tons	193,196,920.8 adj. buffer time index	0.0 adjusted points	1.8 scaled points	77,645.9 access * pop/emp density.h	20,877.7 access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	3.6	0.1	4.6	5.7	0.0	0.1	7.2	4.4	0.0	5.5	5.9	5.9
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.0		1.8		3.9			2.4			2.7		5.9	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%		20%	
Weighted Factor Value	0.0		0.1		0.6			0.1			0.3		1.2	
Project Benefit	2.2													
SMART SCALE Cost	$21,137,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.1**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

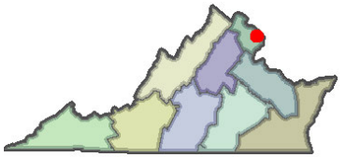
For more information on how to read a scorecard, click here.

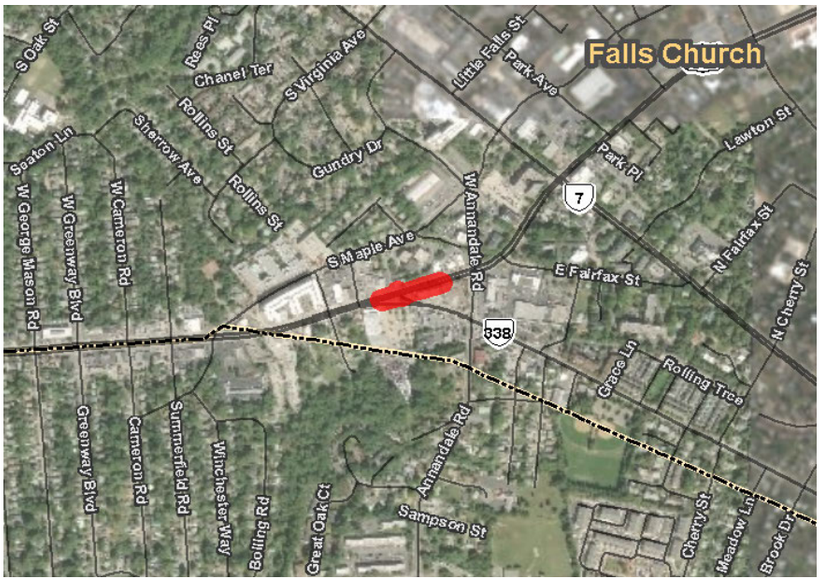
S Washington Multimodal Improvements

Project Id: 4098

The project will create a transit plaza at South Washington St and Hillwood Ave to encourage multi-modal transportation options, increase pedestrian accessibility, and connect the area to the City Center and metro stations.

Submitting Entity:	Falls Church City
Preliminary Engineering:	Complete
Right of Way:	Complete
Construction:	Not Started
Eligible Fund Program:	Both
VTRANS Need:	Regional Network (click here for details)





22.3
SMART SCALE SCORE

#16 OF 433 STATEWIDE

#3 OF 39 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$2,827,010**
Total Project Cost.....	**$9,009,337**
Project Benefit.....	**6.3**
Project Benefit / Total Cost.....	**7.0**

SMART SCALE Area Type A

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	62.7 persons	0.0 person hrs.	4.1 EPDO	5.6 EPDO / 100M VMT	1.5 jobs per resident	1.9 jobs per resident	313.4 adjusted users	517,397.0 thousand adj sq. ft.	0.0 thousand adj daily tons	4,574,853.7 adj. buffer time index	0.0 adjusted points	5.1 scaled points	395,434.8 access * pop/emp density.h	67,138.4 access * pop/emp density change.
Normalized Measure Value (0-100)	0.2	0.0	1.2	0.0	0.0	0.0	1.1	2.6	0.0	0.1	0.0	15.5	29.8	19.0
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.1		0.6		0.2			1.6			7.8		26.6	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%		20%	
Weighted Factor Value	0.0		0.0		0.0			0.1			0.8		5.3	
Project Benefit	6.3													
SMART SCALE Cost	$2,827,010													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**22.3**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

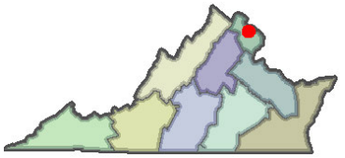
For more information on how to read a scorecard, click here.

South Elden Street Corridor Improvements

Project Id: 3487

Multimodal project is approximately 0.4 miles long. Includes adding shared-use path of eight feet in width & improving the existing 5-lane section to be a 4-lane section with a raised median and dedicated turning lanes.

Submitting Entity: Herndon Town
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: Regional Network
(click here for details)



3.1
SMART SCALE SCORE

#147 OF 433 STATEWIDE

#12 OF 39 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$16,000,000**
Total Project Cost.....	**$16,000,000**
Project Benefit.....	**5.0**
Project Benefit / Total Cost.....	**3.1**

SMART SCALE Area Type A

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	29.2 persons	1.3 person hrs.	128.7 EPDO	1,831.1 EPDO / 100M VMT	17.6 jobs per resident	23.0 jobs per resident	146.2 adjusted users	518,378.2 thousand adj sq. ft.	11,697.1 thousand adj daily tons	37,953,987.5 adj. buffer time index	146.2 adjusted points	4.0 scaled points	207,937.5 access * pop/emp density.h	53,707.1 access * pop/emp density change.
Normalized Measure Value (0-100)	0.1	0.0	36.9	3.8	0.3	0.4	0.5	2.6	0.2	0.9	1.0	12.2	15.7	15.2
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.1		20.3		0.4			1.8			6.6		15.5	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%		20%	
Weighted Factor Value	0.0		1.0		0.1			0.1			0.7		3.1	
Project Benefit	5.0													
SMART SCALE Cost	$16,000,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**3.1**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

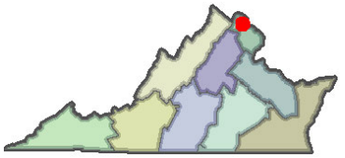
For more information on how to read a scorecard, click here.

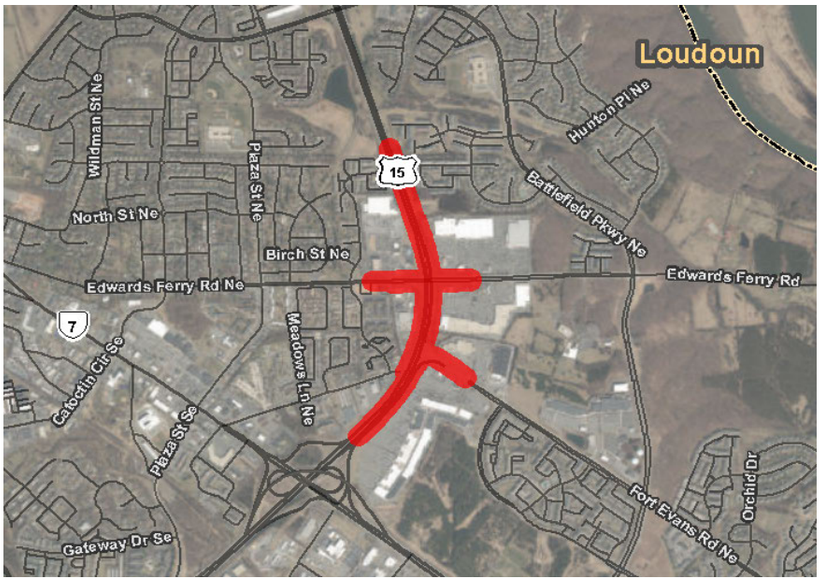
Rte 15 Leesburg Bypass Interchange with Edwards Ferry Road

Project Id: 4056

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.

Submitting Entity: Leesburg Town
Preliminary Engineering: Underway
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: Regional Network
(click here for details)





0.2
SMART SCALE SCORE

#398 OF 433 STATEWIDE

#32 OF 39 DISTRICTWIDE

SMART SCALE Requested Funds..... **$112,344,505**
Total Project Cost..... **$125,800,000**
Project Benefit..... **2.3**
Project Benefit / Total Cost..... **0.2**

SMART SCALE Area Type A														
Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	177.5 persons	11.9 person hrs.	97.0 EPDO	867.7 EPDO / 100M VMT	99.2 jobs per resident	189.1 jobs per resident	887.4 adjusted users	0.0 thousand adj sq. ft.	54,636.3 thousand adj daily tons	157,408,432.9 adj. buffer time index	887.4 adjusted points	1.5 scaled points	24,699.3 access * pop/emp density.h	8,228.1 access * pop/emp density change.
Normalized Measure Value (0-100)	0.6	0.2	27.8	1.8	1.7	3.3	3.2	0.0	1.2	3.6	6.3	4.5	1.9	2.3
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.4		14.8		2.3			1.0			5.4		2.0	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%		20%	
Weighted Factor Value	0.2		0.7		0.4			0.0			0.5		0.4	
Project Benefit	2.3													
SMART SCALE Cost	$112,344,505													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.2**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

Belmont Ridge Road

Project Id: 3517

Improvements to the Belmont Ridge Road (Route 659) and Evergreen Mills Road (Route 621) Intersection

Submitting Entity: Loudoun County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Urban Development Area
(click here for details)

1.2
SMART SCALE SCORE

#273 OF 433 STATEWIDE

#19 OF 39 DISTRICTWIDE

SMART SCALE Requested Funds..... **$5,198,513**
Total Project Cost..... **$7,300,000**
Project Benefit..... **0.6**
Project Benefit / Total Cost..... **0.8**

SMART SCALE Area Type A														
Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	18.8 persons	20.4 person hrs.	8.3 EPDO	376.6 EPDO / 100M VMT	49.5 jobs per resident	42.3 jobs per resident	56.5 adjusted users	503,455.8 thousand adj sq. ft.	2,724.2 thousand adj daily tons	5,336,696.2 adj. buffer time index	75.3 adjusted points	0.5 scaled points	8,362.8 access * pop/emp density.h	4,014.4 access * pop/emp density change.
Normalized Measure Value (0-100)	0.1	0.3	2.4	0.8	0.9	0.7	0.2	2.6	0.1	0.1	0.5	1.5	0.6	1.1
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.2		1.6		0.7			1.6			1.0		0.8	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%		20%	
Weighted Factor Value	0.1		0.1		0.1			0.1			0.1		0.2	
Project Benefit	0.6													
SMART SCALE Cost	$5,198,513													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.2**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

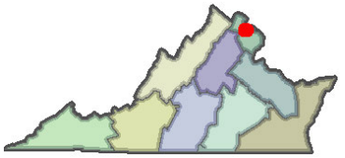
For more information on how to read a scorecard, click here.

Shellhorn Road (Route 643) Extension

Project Id: 3531

The extension of Shellhorn Rd (VA 643) from Loudoun County Parkway (VA 607) to Sterling Boulevard (VA 846)

Submitting Entity: Loudoun County
Preliminary Engineering: Underway
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: Regional Network
(click here for details)



0.3
SMART SCALE SCORE

#375 OF 433 STATEWIDE

#28 OF 39 DISTRICTWIDE

SMART SCALE Requested Funds..... **$92,550,000**
Total Project Cost..... **$175,300,000**
Project Benefit..... **3.2**
Project Benefit / Total Cost..... **0.2**

SMART SCALE Area Type A

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	653.8 persons	219.9 person hrs.	0.0 EPDO	0.0 EPDO / 100M VMT	137.1 jobs per resident	163.8 jobs per resident	30.9 adjusted users	0.0 thousand adj sq. ft.	17,623.5 thousand adj daily tons	0.0 adj. buffer time index	41.2 adjusted points	2.6 scaled points	68,544.6 access * pop/emp density.h	28,730.3 access * pop/emp density change.
Normalized Measure Value (0-100)	2.3	3.4	0.0	0.0	2.4	2.8	0.1	0.0	0.4	0.0	0.3	7.9	5.2	8.1
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	2.9		0.0		2.0			0.1			4.1		6.1	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%		20%	
Weighted Factor Value	1.3		0.0		0.3			0.0			0.4		1.2	
Project Benefit	3.2													
SMART SCALE Cost	$92,550,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.3**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT · DRPT · Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

Route 50 Roundabout at Trailhead Drive

Project Id: 3536

Intersection improvements at Route 50 and Trailhead Drive

Submitting Entity: Loudoun County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Safety
(click here for details)

0.8
SMART SCALE SCORE

#309 OF 433 STATEWIDE

#21 OF 39 DISTRICTWIDE

SMART SCALE Requested Funds..... **$5,170,028**
Total Project Cost..... **$9,170,028**
Project Benefit..... **0.4**
Project Benefit / Total Cost..... **0.4**

SMART SCALE Area Type A

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	0.0 person hrs.	18.4 EPDO	3,798.5 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	0.0 thousand adj sq. ft.	0.0 thousand adj daily tons	697,534.6 adj. buffer time index	0.0 adjusted points	0.3 scaled points	1,761.5 access * pop/emp density.h	886.5 access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	5.3	7.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.1	0.3
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.0		6.6		0.0			0.0			0.5		0.2	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%		20%	
Weighted Factor Value	0.0		0.3		0.0			0.0			0.0		0.0	
Project Benefit	0.4													
SMART SCALE Cost	$5,170,028													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.8**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

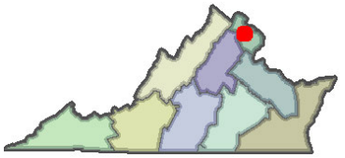
For more information on how to read a scorecard, click here.

Route 50 Corridor Improvements

Project Id: 3537

Short-term spot improvements at a specific intersections or group of intersection along US Route 50. This includes new or modified lanes, signal timing/phasing improvements, signage, and pavement markings.

Submitting Entity: Loudoun County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Urban Development Area
(click here for details)



6.2
SMART SCALE SCORE

#76 OF 433 STATEWIDE

#7 OF 39 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$1,292,500**
Total Project Cost.....	**$5,000,000**
Project Benefit.....	**0.8**
Project Benefit / Total Cost.....	**1.6**

SMART SCALE Area Type A

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	2.4 person hrs.	11.9 EPDO	0.0 EPDO / 100M VMT	6.4 jobs per resident	5.9 jobs per resident	0.0 adjusted users	1,639,867.1 thousand adj sq. ft.	39,626.7 thousand adj daily tons	0.0 adj. buffer time index	0.0 adjusted points	0.7 scaled points	19,147.2 access * pop/emp density.h	7,620.1 access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	3.4	0.0	0.1	0.1	0.0	8.3	0.8	0.0	0.0	2.0	1.4	2.2
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.0		1.7		0.1			5.2			1.0		1.7	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%		20%	
Weighted Factor Value	0.0		0.1		0.0			0.3			0.1		0.3	
Project Benefit	0.8													
SMART SCALE Cost	$1,292,500													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**6.2**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT · DRPT · Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

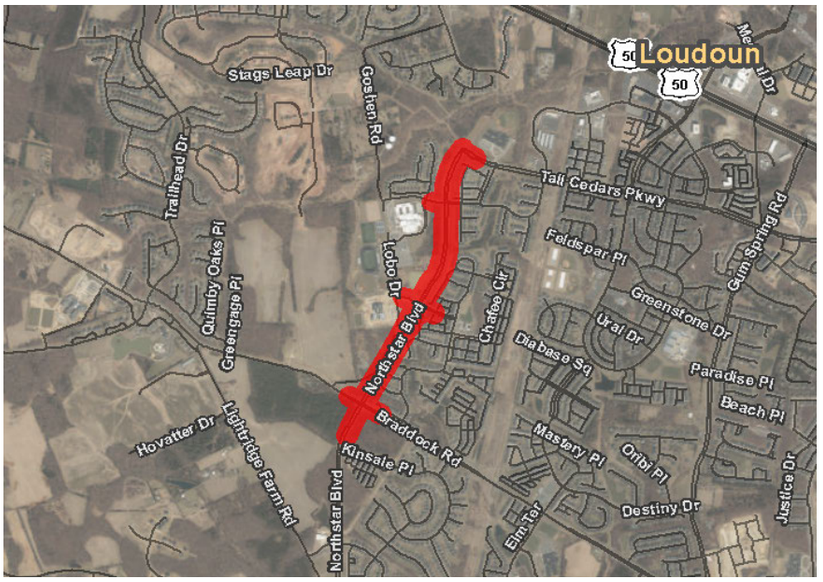
For more information on how to read a scorecard, click here.

Northstar Boulevard (Braddock Road to Tall Cedars Parkway)

Project Id: 3552

Widen Northstar Boulevard to a four-lane divided urban collector on six-lane right-of-way between Braddock Road and Tall Cedars Parkway.

Submitting Entity: Loudoun County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: Regional Network
(click here for details)



0.1
SMART SCALE SCORE

#420 OF 433 STATEWIDE

#39 OF 39 DISTRICTWIDE

SMART SCALE Requested Funds..... **$32,407,000**
Total Project Cost..... **$35,100,000**
Project Benefit..... **0.3**
Project Benefit / Total Cost..... **0.1**

SMART SCALE Area Type A														
Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	9.3 persons	5.8 person hrs.	8.2 EPDO	198.0 EPDO / 100M VMT	4.5 jobs per resident	5.4 jobs per resident	27.9 adjusted users	131,524.9 thousand adj sq. ft.	5,117.7 thousand adj daily tons	0.0 adj. buffer time index	37.2 adjusted points	0.2 scaled points	4,788.9 access * pop/emp density.h	2,225.6 access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.1	2.4	0.4	0.1	0.1	0.1	0.7	0.1	0.0	0.3	0.7	0.4	0.6
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.1		1.4		0.1			0.4			0.5		0.4	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%		20%	
Weighted Factor Value	0.0		0.1		0.0			0.0			0.0		0.1	
Project Benefit	0.3													
SMART SCALE Cost	$32,407,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.1**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT · DRPT · Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

Route 15 & Braddock Road – Roundabout

Project Id: 3591

Intersection improvements at Route 15 and Braddock Road (Route 705).

Submitting Entity: Loudoun County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: Regional Network
(click here for details)

0.8
SMART SCALE SCORE

#313 OF 433 STATEWIDE

#22 OF 39 DISTRICTWIDE

SMART SCALE Requested Funds..... **$2,433,063**
Total Project Cost..... **$6,433,063**
Project Benefit..... **0.2**
Project Benefit / Total Cost..... **0.3**

SMART SCALE Area Type A

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	0.0 person hrs.	10.4 EPDO	1,764.0 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	0.0 thousand adj sq. ft.	0.0 thousand adj daily tons	306,577.3 adj. buffer time index	0.0 adjusted points	0.2 scaled points	120.1 access * pop/emp density.h	34.3 access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	3.0	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.0		3.3		0.0			0.0			0.2		0.0	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%		20%	
Weighted Factor Value	0.0		0.2		0.0			0.0			0.0		0.0	
Project Benefit	0.2													
SMART SCALE Cost	$2,433,063													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.8**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

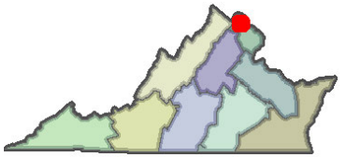
For more information on how to read a scorecard, click here.

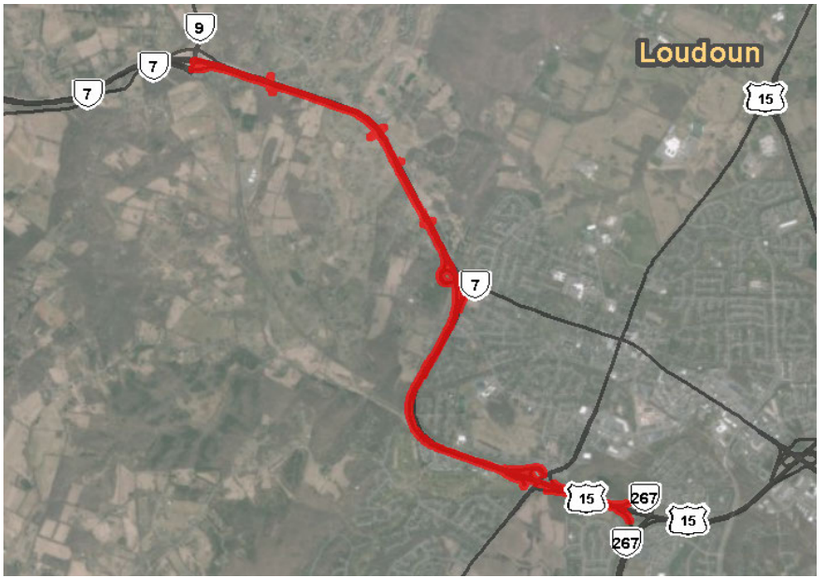
Route 7 (Route 9 to Dulles Greenway)

Project Id: 3592

Safety and Operational improvements eastbound on Route 7 between Route 9 and the Dulles Greenway (Toll Road).

Submitting Entity: Loudoun County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: Regional Network
(click here for details)





0.4
SMART SCALE SCORE

#373 OF 433 STATEWIDE

#27 OF 39 DISTRICTWIDE

SMART SCALE Requested Funds..... **$127,000,000**
Total Project Cost..... **$127,000,000**
Project Benefit..... **4.7**
Project Benefit / Total Cost..... **0.4**

SMART SCALE Area Type A

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	1,548.3 persons	529.0 person hrs.	79.2 EPDO	107.1 EPDO / 100M VMT	121.6 jobs per resident	26.9 jobs per resident	0.0 adjusted users	0.0 thousand adj sq. ft.	379,804.5 thousand adj daily tons	239,592,760.3 adj. buffer time index	0.0 adjusted points	3.5 scaled points	8,501.0 access * pop/emp density.h	2,746.9 access * pop/emp density change.
Normalized Measure Value (0-100)	5.5	8.2	22.7	0.2	2.1	0.5	0.0	0.0	8.0	5.5	0.0	10.5	0.6	0.8
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	6.9		11.5		1.4			2.7			5.2		0.7	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%		20%	
Weighted Factor Value	3.1		0.6		0.2			0.1			0.5		0.1	
Project Benefit	4.7													
SMART SCALE Cost	$127,000,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.4**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

Summit School Road Extension and Telegraph Road Widening

Project Id: 3482

The project will extend Summit School Rd to Telegraph Rd as a four lane roadway and widen Telegraph Road to four lanes from Caton Hill Road to Prince William Parkway. The project includes parking expansion at the Horner Road Park and Ride Lot

Submitting Entity: Prince William County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: CoSS
(click here for details)

0.8 SMART SCALE SCORE		
	#318 OF 433 STATEWIDE	SMART SCALE Requested Funds..... **$39,387,145**
	#23 OF 39 DISTRICTWIDE	Total Project Cost..... **$53,500,000**
		Project Benefit..... **3.0**
		Project Benefit / Total Cost..... **0.6**

SMART SCALE Area Type A														
Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	138.3 persons	132.7 person hrs.	0.0 EPDO	0.0 EPDO / 100M VMT	95.4 jobs per resident	120.4 jobs per resident	594.0 adjusted users	52,582.8 thousand adj sq. ft.	0.0 thousand adj daily tons	53,679,691.3 adj. buffer time index	712.7 adjusted points	2.4 scaled points	88,843.7 access * pop/emp density.h	32,779.2 access * pop/emp density change.
Normalized Measure Value (0-100)	0.5	2.1	0.0	0.0	1.7	2.1	2.1	0.3	0.0	1.2	5.0	7.4	6.7	9.3
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	1.3		0.0		1.8			0.4			6.2		7.5	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%		20%	
Weighted Factor Value	0.6		0.0		0.3			0.0			0.6		1.5	
Project Benefit	3.0													
SMART SCALE Cost	$39,387,145													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.8**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

I-95 Southbound Auxiliary Lane Project (Exit 160 to 158)

Project Id: 3499

This project includes adding an auxiliary lane on southbound I-95, from the Rt 123 entrance ramp onto I-95 to the Prince William Pkwy (Rte 294) exit ramp. Ramp metering will be installed on the westbound Rt 123 entrance ramp onto I-95 northbound.

Submitting Entity: Prince William County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: CoSS
(click here for details)

2.7
SMART SCALE SCORE

#161 OF 433 STATEWIDE

#14 OF 39 DISTRICTWIDE

SMART SCALE Requested Funds..... **$25,653,202**
Total Project Cost..... **$31,788,468**
Project Benefit..... **7.0**
Project Benefit / Total Cost..... **2.2**

SMART SCALE Area Type A

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	3,553.6 persons	346.9 person hrs.	52.4 EPDO	48.3 EPDO / 100M VMT	186.0 jobs per resident	201.5 jobs per resident	0.0 adjusted users	0.0 thousand adj sq. ft.	496,975.0 thousand adj daily tons	757,391,064.1 adj. buffer time index	0.0 adjusted points	5.7 scaled points	64,613.5 access * pop/emp density.h	23,469.1 access * pop/emp density change.
Normalized Measure Value (0-100)	12.6	5.4	15.0	0.1	3.3	3.5	0.0	0.0	10.5	17.4	0.0	17.3	4.9	6.6
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	9.0		7.6		2.7			5.6			8.7		5.4	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%		20%	
Weighted Factor Value	4.0		0.4		0.4			0.3			0.9		1.1	
Project Benefit	7.0													
SMART SCALE Cost	$25,653,202													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**2.7**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT · DRPT · Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

Route 1 at Route 123 Interchange Improvements

Project Id: 3502

This project involves the construction of an urban diamond interchange at Route 1 and Route 123, and includes an overpass at the CSXT railroad tracks.

Submitting Entity: Prince William County
Preliminary Engineering: Underway
Right of Way: Not Needed
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: CoSS
(click here for details)

0.7
SMART SCALE SCORE

#338 OF 433 STATEWIDE

#24 OF 39 DISTRICTWIDE

SMART SCALE Requested Funds..... **$104,200,000**
Total Project Cost..... **$104,200,000**
Project Benefit..... **7.0**
Project Benefit / Total Cost..... **0.7**

SMART SCALE Area Type A														
Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	967.1 persons	737.5 person hrs.	47.5 EPDO	373.6 EPDO / 100M VMT	380.7 jobs per resident	272.8 jobs per resident	495.9 adjusted users	0.0 thousand adj sq. ft.	49,731.9 thousand adj daily tons	121,931,011.6 adj. buffer time index	1,947.7 adjusted points	5.0 scaled points	60,373.3 access * pop/emp density.h	23,177.5 access * pop/emp density change.
Normalized Measure Value (0-100)	3.4	11.5	13.6	0.8	6.7	4.7	1.8	0.0	1.1	2.8	13.7	15.0	4.6	6.6
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	7.4		7.2		5.3			0.8			14.4		5.2	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%		20%	
Weighted Factor Value	3.3		0.4		0.8			0.0			1.4		1.0	
Project Benefit	7.0													
SMART SCALE Cost	$104,200,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.7**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT · DRPT · Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

Route 15 Improvements with Railroad Overpass

Project Id: 3504

This project consists of widening Route 15 from 2 to 4 lanes and constructing an overpass over the existing Norfolk Southern Railway tracks. The project extends about 1000' north of the tracks, and extends approximately 1200' south of the tracks.

Submitting Entity: Prince William County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: CoSS
(click here for details)

0.2
SMART SCALE SCORE

#400 OF 433 STATEWIDE

#33 OF 39 DISTRICTWIDE

SMART SCALE Requested Funds..... **$47,770,959**
Total Project Cost..... **$58,900,000**
Project Benefit..... **0.9**
Project Benefit / Total Cost..... **0.2**

SMART SCALE Area Type A

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	13.3 persons	170.6 person hrs.	7.4 EPDO	0.0 EPDO / 100M VMT	6.0 jobs per resident	1.3 jobs per resident	39.9 adjusted users	334,615.4 thousand adj sq. ft.	0.0 thousand adj daily tons	0.0 adj. buffer time index	53.2 adjusted points	0.1 scaled points	10,387.5 access * pop/emp density.h	2,682.7 access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	2.7	2.1	0.0	0.1	0.0	0.1	1.7	0.0	0.0	0.4	0.2	0.8	0.8
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	1.3		1.1		0.1			1.0			0.3		0.8	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%		20%	
Weighted Factor Value	0.6		0.1		0.0			0.1			0.0		0.2	
Project Benefit	0.9													
SMART SCALE Cost	$47,770,959													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.2**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT · DRPT · Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

Devlin Rd Widening:Linton Hall Rd to Relocated Balls Ford Rd

Project Id: 3505

The project consists of widening Devlin Road from Linton Hall Road to relocated Balls Ford Road from two lanes to four lanes, including a shared-use path.

Submitting Entity: Prince William County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: CoSS
(click here for details)

0.2
SMART SCALE SCORE

#404 OF 433 STATEWIDE

#35 OF 39 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$49,680,420**
Total Project Cost.....	**$52,080,420**
Project Benefit.....	**0.9**
Project Benefit / Total Cost.....	**0.2**

SMART SCALE Area Type A

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	20.9 persons	11.6 person hrs.	25.4 EPDO	378.0 EPDO / 100M VMT	98.5 jobs per resident	20.4 jobs per resident	104.4 adjusted users	317,162.2 thousand adj sq. ft.	122.2 thousand adj daily tons	32,425,933.3 adj. buffer time index	104.4 adjusted points	0.7 scaled points	18,282.8 access * pop/emp density.h	5,293.9 access * pop/emp density change.
Normalized Measure Value (0-100)	0.1	0.2	7.3	0.8	1.7	0.4	0.4	1.6	0.0	0.7	0.7	2.2	1.4	1.5
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.1		4.0		1.2			1.1			1.4		1.4	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%		20%	
Weighted Factor Value	0.1		0.2		0.2			0.1			0.1		0.3	
Project Benefit	0.9													
SMART SCALE Cost	$49,680,420													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.2**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT · DRPT · Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

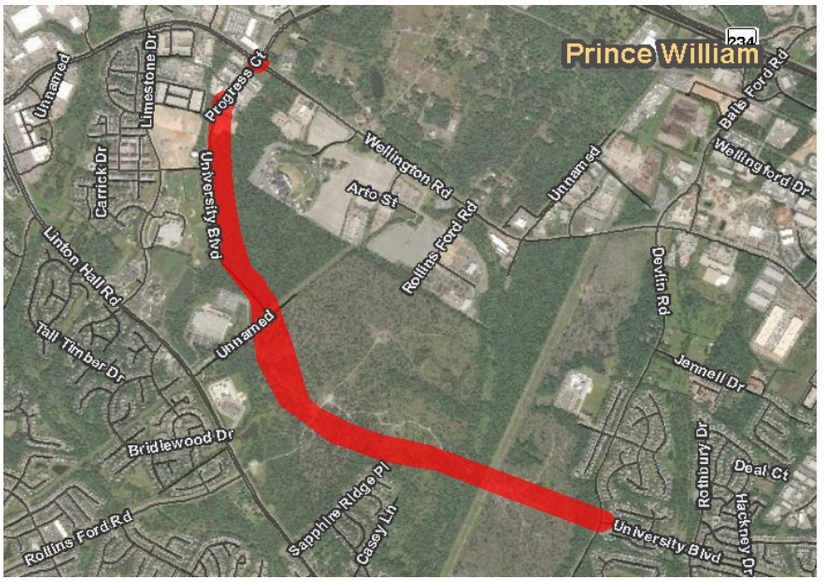
For more information on how to read a scorecard, click here.

University Blvd Extension - Devlin Rd to Wellington Rd

Project Id: 3521

University Boulevard extension from Devlin Road to Wellington Road (Progress Court) as a two lane roadway.

Submitting Entity: Prince William County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: CoSS
(click here for details)



0.2 SMART SCALE SCORE	**#407** OF 433 STATEWIDE	SMART SCALE Requested Funds.....	**$37,190,328**
	#37 OF 39 DISTRICTWIDE	Total Project Cost.....	**$41,090,328**
		Project Benefit.....	**0.6**
		Project Benefit / Total Cost.....	**0.2**

SMART SCALE Area Type A

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	83.7 persons	27.3 person hrs.	0.0 EPDO	0.0 EPDO / 100M VMT	4.2 jobs per resident	0.8 jobs per resident	11.6 adjusted users	837,894.0 thousand adj sq. ft.	37,995.2 thousand adj daily tons	0.0 adj. buffer time index	15.4 adjusted points	0.4 scaled points	17,071.6 access * pop/emp density.h	4,914.5 access * pop/emp density change.
Normalized Measure Value (0-100)	0.3	0.4	0.0	0.0	0.1	0.0	0.0	4.3	0.8	0.0	0.1	1.3	1.3	1.4
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.4		0.0		0.1			2.7			0.7		1.3	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%		20%	
Weighted Factor Value	0.2		0.0		0.0			0.1			0.1		0.3	
Project Benefit	0.6													
SMART SCALE Cost	$37,190,328													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.2**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

Intersection Improvements at Old Bridge Rd and Occoquan Rd

Project Id: 4075

The intersection improvements at Old Bridge Road and Occoquan Road includes realigning the intersection to improve safety and sight distance. Existing facilities will be relocated/reconstructed as part of the project.

Submitting Entity: Prince William County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Safety
(click here for details)

1.4
SMART SCALE SCORE

#249 OF 433 STATEWIDE

#17 OF 39 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$11,850,000**
Total Project Cost.....	**$11,850,000**
Project Benefit.....	**1.7**
Project Benefit / Total Cost.....	**1.4**

SMART SCALE Area Type A

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	8.1 persons	8.6 person hrs.	5.4 EPDO	177.3 EPDO / 100M VMT	33.2 jobs per resident	28.3 jobs per resident	12.1 adjusted users	0.0 thousand adj sq. ft.	0.0 thousand adj daily tons	12,136,107.8 adj. buffer time index	16.1 adjusted points	1.4 scaled points	77,495.2 access * pop/emp density.h	29,296.8 access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.1	1.5	0.4	0.6	0.5	0.0	0.0	0.0	0.3	0.1	4.2	5.8	8.3
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.1		1.0		0.5			0.1			2.2		6.6	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%		20%	
Weighted Factor Value	0.0		0.0		0.1			0.0			0.2		1.3	
Project Benefit	1.7													
SMART SCALE Cost	$11,850,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.4**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

Wellington Rd Widening: University Blvd to Balls Ford Rd

Project Id: 4076

The project consists of widening Wellington Road from University Boulevard to relocated Balls Ford Road from two lanes to four lanes, including a sidewalk and shared-use path.

Submitting Entity: Prince William County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: Regional Network
(click here for details)

0.2
SMART SCALE SCORE

#401 OF 433 STATEWIDE

#34 OF 39 DISTRICTWIDE

SMART SCALE Requested Funds..... **$50,300,000**
Total Project Cost..... **$50,300,000**
Project Benefit..... **1.0**
Project Benefit / Total Cost..... **0.2**

SMART SCALE Area Type A

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	92.6 persons	36.9 person hrs.	8.2 EPDO	94.6 EPDO / 100M VMT	47.5 jobs per resident	37.9 jobs per resident	61.5 adjusted users	437,783.4 thousand adj sq. ft.	134,734.9 thousand adj daily tons	26,876,251.6 adj. buffer time index	82.0 adjusted points	0.7 scaled points	22,869.7 access * pop/emp density.h	6,226.9 access * pop/emp density change.
Normalized Measure Value (0-100)	0.3	0.6	2.4	0.2	0.8	0.7	0.2	2.2	2.9	0.6	0.6	2.2	1.7	1.8
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.5		1.3		0.7			2.0			1.4		1.7	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%		20%	
Weighted Factor Value	0.2		0.1		0.1			0.1			0.1		0.3	
Project Benefit	1.0													
SMART SCALE Cost	$50,300,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.2**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

Rt 234 and Sudley Manor Dr Interchange Improvements (SPUI)

Project Id: 4437

The project consists of interchange improvements at the intersection of Route 234 (Prince William Parkway) and Sudley Manor Drive / Wellington Road. The project will be designed and constructed as a single-point urban interchange (SPUI).

Submitting Entity: Prince William County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: CoSS
(click here for details)

0.1
SMART SCALE SCORE

#412 OF 433 STATEWIDE

#38 OF 39 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$177,100,000**
Total Project Cost.....	**$177,100,000**
Project Benefit.....	**2.6**
Project Benefit / Total Cost.....	**0.1**

SMART SCALE Area Type A

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	388.3 persons	104.2 person hrs.	108.8 EPDO	683.2 EPDO / 100M VMT	47.6 jobs per resident	54.4 jobs per resident	137.9 adjusted users	0.0 thousand adj sq. ft.	47,988.7 thousand adj daily tons	64,134,910.7 adj. buffer time index	183.9 adjusted points	1.4 scaled points	43,607.1 access * pop/emp density.h	10,976.5 access * pop/emp density change.
Normalized Measure Value (0-100)	1.4	1.6	31.2	1.4	0.8	0.9	0.5	0.0	1.0	1.5	1.3	4.2	3.3	3.1
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	1.5		16.3		0.8			0.5			2.8		3.2	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%		20%	
Weighted Factor Value	0.7		0.8		0.1			0.0			0.3		0.6	
Project Benefit	2.6													
SMART SCALE Cost	$177,100,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.1**													

Revised: 01/22/2019

RICHMOND DISTRICT

SMART SCALE | *Funding the Right Transportation Projects in Virginia*

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

Project Id	Project Name	Organization	District Rank	State Rank	Page #
3925	Lower Appomattox River Trail	Prince George County	1	9	07-57
4584	Roundabout for Darvills Rd. (VA 40) at Military Rd.	Nottoway County	2	12	07-44
4044	Parham Rd Traffic Signal & Sidewalk Project	Henrico County	3	14	07-35
3713	A Scott's Addition BRT Station Pedestrian Safety/Streetscape	Greater Richmond Transit Company (GRTC)	4	15	07-24
3430	G US33 Leigh Street Streetscape Improvements	Richmond City	5	27	07-64
4977	ITS Signal Upgrades	Chesterfield County	6	30	07-14
3432	I Boulevard Shared Use Path to Science Museum BRT Station	Richmond City	7	34	07-66
4880	Construct R-CUT at the end Lewistown Plank Rd at 460	Nottoway County	8	36	07-47
3868	Route 106/Route 5 Roundabout	Charles City County	9	38	07-04
3428	E Maury Street Streetscape Phase II	Richmond City	10	41	07-62
3726	C Rvrfront/Orleans BRT Station Pedestrian Safety/Streetscape	Greater Richmond Transit Company (GRTC)	11	49	07-26
3549	N Laburnum Avenue Pedestrian and Transit Improvements	Henrico County	12	51	07-31
4972	Superstreet - Route 60 at Woolridge Road/Old Buckingham Road	Chesterfield County	13	55	07-13
3710	Route 600/Route 601 Roundabout	Dinwiddie County	14	59	07-19
4001	Jude's Ferry Road & Route 60	Powhatan County	15	61	07-51
3923	Roundabout at Middle Road and Prince George Drive	Prince George County	16	63	07-55
3706	Route 60 Corridor Solution Set and Pedestrian Facilities	Richmond Regional Transportation Planning Organization	17	70	07-74
3431	H Clay Street Streetscape Improvements	Richmond City	18	84	07-65
3433	J CSX Bridge Replacement for Walking and Biking	Richmond City	19	96	07-67
4767	Alverser at Old Buckingham Roundabout	Chesterfield County	20	98	07-12
3951	W Broad Street Pedestrian and Transit Improvements	Henrico County	21	106	07-33
3928	Route 1 (Falling Ck. Wayside - Food Lion) Bike/Ped Improvement	Chesterfield County	22	107	07-06
4045	I-64 at Oilville Road (Rte. 617) Interchange	Goochland County	23	111	07-23
3738	Route 360/Courthouse Road Intersection Improvement	Chesterfield County	24	113	07-05
3996	Dorset Road & Route 60	Powhatan County	25	114	07-50
4743	Intersection Improvements at Burke's Tavern Rd at Rt. 360	Nottoway County	26	115	07-46
3725	B Shockoe Bottom BRT Station Pedestrian Safety/Streetscape	Greater Richmond Transit Company (GRTC)	27	117	07-25
4685	RT 60 at Courthouse Road/Huguenot Road Quadrant Intersection	Chesterfield County	28	135	07-11

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

Project Id	Project Name	Organization	District Rank	State Rank	Page #
4010	Carter Gallier Phase II	Powhatan County	29	136	07-53
3690	Broad Street Pedestrian and Transit Improvements, Phase 2	Richmond Regional Transportation Planning Organization	30	137	07-73
4681	Superstreet - US 360 at Deer Run and Mockingbird	Chesterfield County	31	140	07-09
4983	Route 58/49 Roundabout	Clarksville Town	32	142	07-15
3673	Creighton Road/Walnut Grove Road Roundabout	Hanover County	33	144	07-29
3695	Route 301 Southbound Safety & Traffic Operations Improvement	Hanover County	34	155	07-30
4139	W Broad Street Intersection Improvements at Parham Road	Henrico County	35	159	07-36
3424	A - Gillies Creek Greenway	Richmond City	36	164	07-58
4260	W Broad Street Operational Improvements at Short Pump	Henrico County	37	166	07-38
4575	Hopkins Road at Chippenham Parkway Interchange Improvement	Chesterfield County	38	169	07-07
4683	Superstreet - US 360 at Winterpock and Spring Run	Chesterfield County	39	187	07-10
4645	Rt 307 left turn lane at Rt 616	Nottoway County	40	188	07-45
3427	D US1/US301 Freight Corridor Improvements	Richmond City	41	206	07-61
3707	Route 1 Widening from I-85 Exit 63B to Route 1302	Dinwiddie County	42	211	07-18
4893	W Broad Street Intersection Improvements at Dominion and Cox	Henrico County	43	217	07-39
4258	W Randolph Rd & N 6th Ave Intersection Improvements	Hopewell City	44	219	07-42
3426	C US360 Hull Street Phase III	Richmond City	45	237	07-60
3645	Pole Green Road Widening	Hanover County	46	241	07-28
4030	Rte 288 - New SB Auxiliary Lane South of U.S. 250	Goochland County	47	254	07-22
3922	Roundabout at Middle Road(Rt 646) & Jefferson Park Rd (630)	Prince George County	48	257	07-54
4202	Springfield Road Improvements	Henrico County	49	258	07-37
4641	Ashcake Road Pedestrian Improvements	Ashland Town	50	261	07-02
3859	Three Chopt Rd Reconnection	Goochland County	51	277	07-21
4006	Jude's Ferry Road & Route 711	Powhatan County	52	283	07-52
3665	I-95 at Route 10 Interchange, Phase 2	Richmond Regional Transportation Planning Organization	53	287	07-69
3425	B James River Branch - Rail to Trail Greenway	Richmond City	54	290	07-59
3924	Intersection Improvements at Route 460 & Queen Street	Prince George County	55	291	07-56
3472	Boulevard Modernization, Phase II	Colonial Heights City	56	292	07-16

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

Project Id	Project Name	Organization	District Rank	State Rank	Page #
3727	Courthouse Road Pedestrian Improvements	Hopewell City	57	294	07-41
3565	I-64 Widening (Exit 205 Bottoms Bridge to Exit 211 Rte. 106)	Richmond Regional Transportation Planning Organization	58	301	07-68
4403	I-85 NB to I-95 SB - Tri-Cities MPO HB2 Priority 1	Tri-Cities Area Metropolitan Planning Organization	59	302	07-78
3722	Route 288 Northbound - Hard Shoulder Running	Richmond Regional Transportation Planning Organization	60	314	07-76
5035	I-85 NB to I-95 SB-Tri-Cities MPO HB2 Priority #1	Petersburg City	61	315	07-48
3490	Route 106 at I-64 Overpass and Intersection Improvements	New Kent County	62	317	07-43
3429	F Forest Hill Avenue Phase II Improvements	Richmond City	63	325	07-63
3676	I-95 at Willis Road Interchange Improvement - Roundabout	Richmond Regional Transportation Planning Organization	64	326	07-70
3761	I-64 at Ashland Rd. (Rte. 623) Interchange	Goochland County	65	345	07-20
4043	Carolina Avenue Improvements	Henrico County	66	351	07-34
4644	Nash Road Extension from Beach Road to Route 10	Chesterfield County	67	355	07-08
3711	Route 288 Southbound - HSR and Interchange Improvements	Richmond Regional Transportation Planning Organization	68	356	07-75
3571	Magellan Parkway Extension Project	Henrico County	69	357	07-32
3678	Meadowville Technology Parkway at I-295 Widening	Richmond Regional Transportation Planning Organization	70	365	07-71
3599	Atlee Station Road - Phase 2	Hanover County	71	372	07-27
4925	South Main Street- 10th to Fair Street	Blackstone Town	72	382	07-03
5065	I-95 and South Crater Road-MPO HB2 Priority #2	Petersburg City	73	385	07-49
4524	Vaughan Road Extended	Ashland Town	74	389	07-01
3767	Lakeview Avenue Modernization, Phase II	Colonial Heights City	75	391	07-17
4405	I-95 and South Crater Road - MPO HB2 Priority 2	Tri-Cities Area Metropolitan Planning Organization	76	414	07-79
3724	Cedar Level Road Southern Segment	Hopewell City	77	416	07-40
4400	I-95 NB to I-85 SB Flyover Ramp - Tri-Cities MPO Priority 3	Tri-Cities Area Metropolitan Planning Organization	78	419	07-77
3679	Route 288 at Bailey Bridge Connector Flyover	Richmond Regional Transportation Planning Organization	79	421	07-72

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

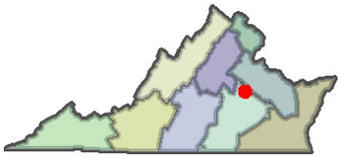
For more information on how to read a scorecard, click here.

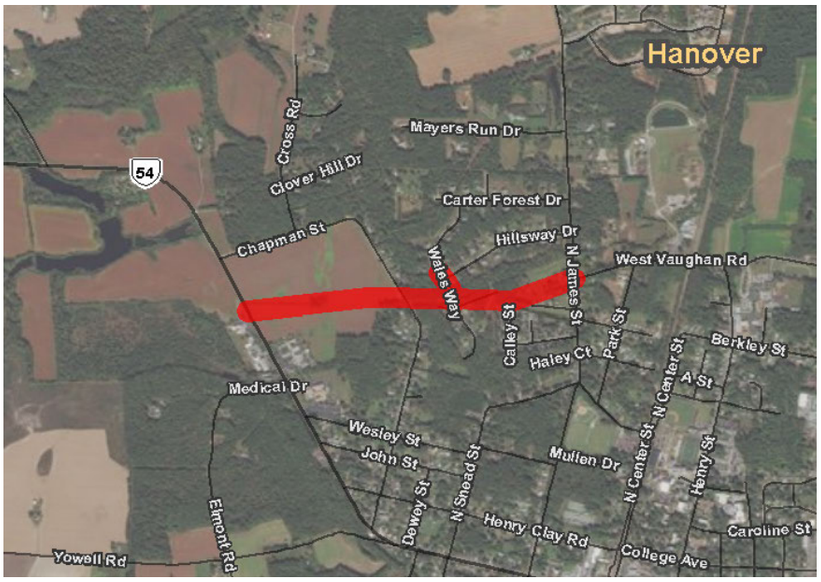
Vaughan Road Extended

Project Id: 4524

Complete final portion of Vaughan Road extended which will provide for a connection/bypass from Rt. 54 to Rt. 1.

Submitting Entity: Ashland Town
Preliminary Engineering: Underway
Right of Way: Underway
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: Regional Network
(click here for details)





0.3
SMART SCALE SCORE

#389 OF 433 STATEWIDE

#74 OF 79 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$6,562,000**
Total Project Cost.....	**$6,562,000**
Project Benefit.....	**0.2**
Project Benefit / Total Cost.....	**0.3**

SMART SCALE Area Type B

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	208.5 persons	57.3 person hrs.	0.0 EPDO	0.0 EPDO / 100M VMT	2.7 jobs per resident	0.0 jobs per resident	1.5 adjusted users	0.0 thousand adj sq. ft.	330.0 thousand adj daily tons	2,484,303.4 adj. buffer time index	2.0 adjusted points	0.1 scaled points	1,836.5 access * pop/emp density.h	445.5 access * pop/emp density change.
Normalized Measure Value (0-100)	0.7	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.4	0.1	0.1
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.8		0.0		0.0			0.0			0.2		0.1	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%		10%	
Weighted Factor Value	0.1		0.0		0.0			0.0			0.0		0.0	
Project Benefit	0.2													
SMART SCALE Cost	$6,562,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.3**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

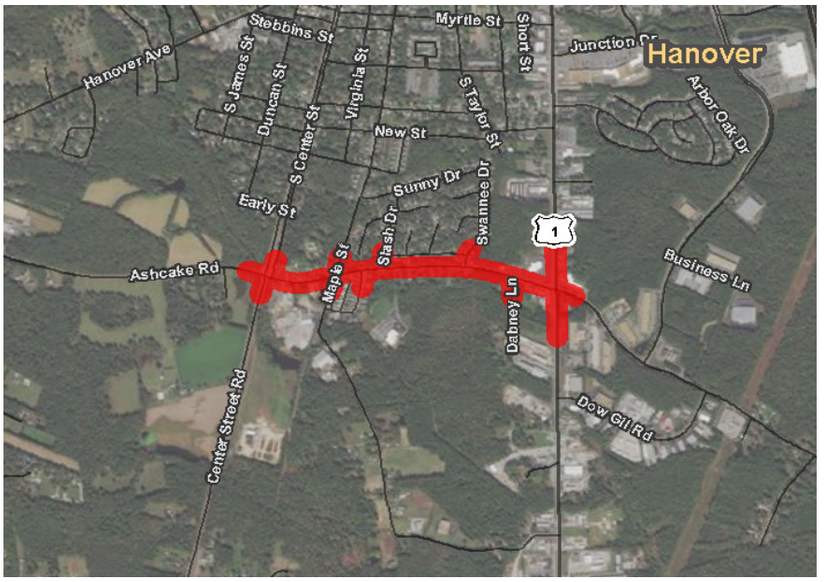
For more information on how to read a scorecard, click here.

Ashcake Road Pedestrian Improvements

Project Id: 4641

Add bike/ped facilities to Ashcake Road between Rt. 1 and WCL

Submitting Entity: Ashland Town
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Safety
(click here for details)



1.3
SMART SCALE SCORE

#261 OF 433 STATEWIDE

#50 OF 79 DISTRICTWIDE

SMART SCALE Requested Funds..... **$5,582,250**
Total Project Cost..... **$5,582,250**
Project Benefit..... **0.7**
Project Benefit / Total Cost..... **1.3**

SMART SCALE Area Type B

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	13.0 persons	0.0 person hrs.	17.0 EPDO	395.2 EPDO / 100M VMT	8.5 jobs per resident	0.0 jobs per resident	38.9 adjusted users	0.0 thousand adj sq. ft.	0.0 thousand adj daily tons	18,581,925.3 adj. buffer time index	0.0 adjusted points	0.6 scaled points	2,596.5 access * pop/emp density.h	687.9 access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	4.9	0.8	0.1	0.0	0.1	0.0	0.0	0.4	0.0	1.7	0.2	0.2
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.0		2.8		0.1			0.1			0.9		0.2	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%		10%	
Weighted Factor Value	0.0		0.6		0.0			0.0			0.1		0.0	
Project Benefit	0.7													
SMART SCALE Cost	$5,582,250													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.3**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

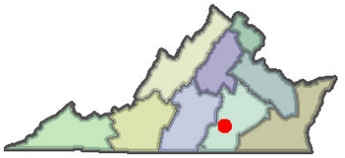
For more information on how to read a scorecard, click here.

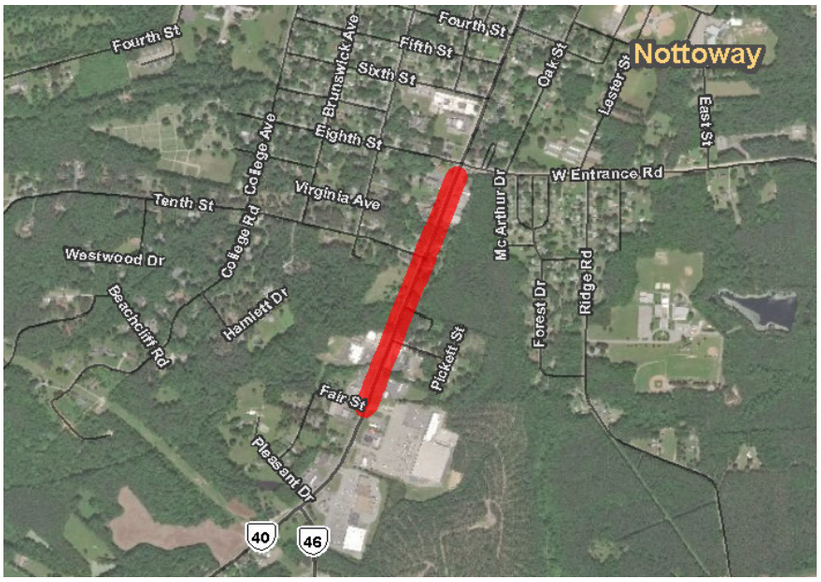
South Main Street- 10th to Fair Street

Project Id: 4925

Widening of Main Street from 10th to Fair Street

Submitting Entity:	Blackstone Town
Preliminary Engineering:	Not Started
Right of Way:	Not Started
Construction:	Not Started
Eligible Fund Program:	District Grant
VTRANS Need:	Urban Development Area (click here for details)





0.3
SMART SCALE SCORE

#382 OF 433 STATEWIDE

#72 OF 79 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$6,087,563**
Total Project Cost.....	**$6,087,563**
Project Benefit.....	**0.2**
Project Benefit / Total Cost.....	**0.3**

SMART SCALE Area Type D

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	6.5 persons	0.0 person hrs.	1.5 EPDO	250.5 EPDO / 100M VMT	7.0 jobs per resident	7.1 jobs per resident	32.5 adjusted users	0.0 thousand adj sq. ft.	0.0 thousand adj daily tons	816,623.8 adj. buffer time index	0.0 adjusted points	0.1 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	0.4	0.5	0.1	0.1	0.1	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	N/A
Factor Value	0.0		0.5		0.1			0.0			0.2			
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	0.2													
SMART SCALE Cost	$6,087,563													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.3**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

Route 106/Route 5 Roundabout

Project Id: 3868

This project will replace the intersection at Rt. 5 and Rt. 106 with a single-lane roundabout to improve traffic flow along the industrial corridor, enhance safety for Capital Trail users, and create a gateway to the county.

Submitting Entity: Charles City County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Safety
(click here for details)

9.9
SMART SCALE SCORE

#38 OF 433 STATEWIDE

#9 OF 79 DISTRICTWIDE

SMART SCALE Requested Funds..... **$4,110,000**
Total Project Cost..... **$4,110,000**
Project Benefit..... **4.1**
Project Benefit / Total Cost..... **9.9**

SMART SCALE Area Type B

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	4.4 persons	1.2 person hrs.	32.0 EPDO	13,377.4 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	13.2 adjusted users	0.0 thousand adj sq. ft.	0.0 thousand adj daily tons	645,865.9 adj. buffer time index	17.6 adjusted points	2.5 scaled points	43.8 access * pop/emp density.h	6.3 access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	9.2	27.6	0.0	0.0	0.0	0.0	0.0	0.0	0.1	7.6	0.0	0.0
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.0		18.4		0.0			0.0			3.9		0.0	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%		10%	
Weighted Factor Value	0.0		3.7		0.0			0.0			0.4		0.0	
Project Benefit	4.1													
SMART SCALE Cost	$4,110,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**9.9**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

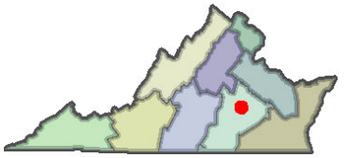
For more information on how to read a scorecard, click here.

Route 360/Courthouse Road Intersection Improvement

Project Id: 3738

Construct superstreet intersection on Route 360 for the Courthouse Road intersection (u-turns at Rockwood Square Shopping Center and Oxbridge Road)

Submitting Entity: Chesterfield County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: Regional Network
(click here for details)



4.2
SMART SCALE SCORE

#113 OF 433 STATEWIDE

#24 OF 79 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$4,527,000**
Total Project Cost.....	**$4,527,000**
Project Benefit.....	**1.9**
Project Benefit / Total Cost.....	**4.2**

SMART SCALE Area Type B

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	67.0 persons	24.0 person hrs.	12.4 EPDO	266.5 EPDO / 100M VMT	32.6 jobs per resident	28.1 jobs per resident	167.5 adjusted users	1,367,836.9 thousand adj sq. ft.	107,548.5 thousand adj daily tons	32,567,102.4 adj. buffer time index	134.0 adjusted points	1.5 scaled points	9,237.9 access * pop/emp density.h	1,078.8 access * pop/emp density change.
Normalized Measure Value (0-100)	0.2	0.4	3.6	0.6	0.6	0.5	0.6	7.0	2.3	0.7	0.9	4.6	0.7	0.3
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.3		2.1		0.6			4.8			2.8		0.6	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%		10%	
Weighted Factor Value	0.0		0.4		0.1			1.0			0.3		0.1	
Project Benefit	1.9													
SMART SCALE Cost	$4,527,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**4.2**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

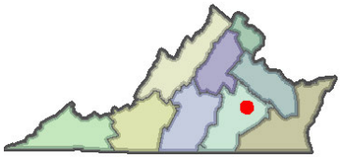
For more information on how to read a scorecard, click here.

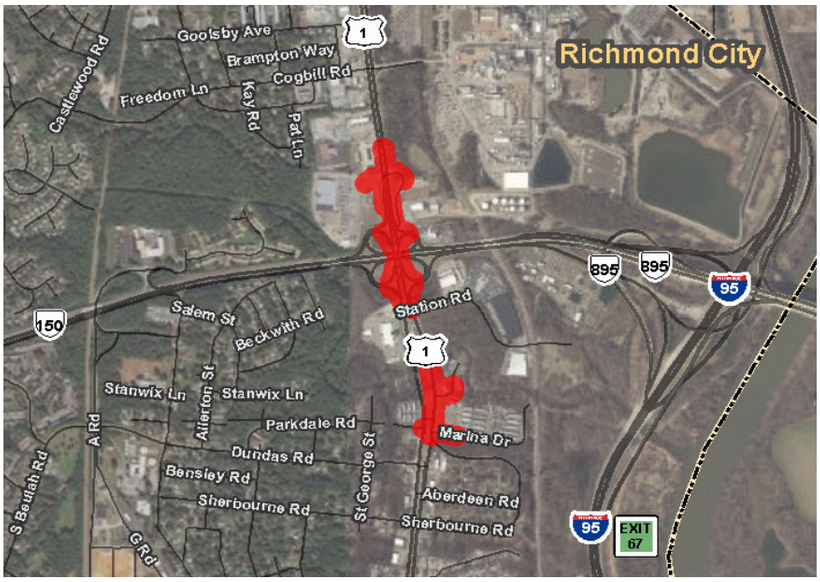
Route 1 (Falling Ck. Wayside - Food Lion) Bike/Ped Improvement

Project Id: 3928

Construct shared-use path along Route 1 between the Falling Creek wayside park and the Food Lion north of the Chippenham Parkway interchange

Submitting Entity: Chesterfield County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: Regional Network
(click here for details)





4.3
SMART SCALE SCORE

#107 OF 433 STATEWIDE

#22 OF 79 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$3,331,242**
Total Project Cost.....	**$3,331,242**
Project Benefit.....	**1.4**
Project Benefit / Total Cost.....	**4.3**

SMART SCALE Area Type B

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	24.0 persons	0.0 person hrs.	26.7 EPDO	706.7 EPDO / 100M VMT	55.3 jobs per resident	84.2 jobs per resident	72.0 adjusted users	53,930.0 thousand adj sq. ft.	0.0 thousand adj daily tons	17,474,049.2 adj. buffer time index	0.0 adjusted points	1.1 scaled points	11,979.0 access * pop/emp density.h	2,371.8 access * pop/emp density change.
Normalized Measure Value (0-100)	0.1	0.0	7.7	1.5	1.0	1.5	0.3	0.3	0.0	0.4	0.0	3.3	0.9	0.7
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.0		4.6		0.9			0.2			1.7		0.8	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%		10%	
Weighted Factor Value	0.0		0.9		0.2			0.0			0.2		0.1	
Project Benefit	1.4													
SMART SCALE Cost	$3,331,242													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**4.3**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT · DRPT · Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

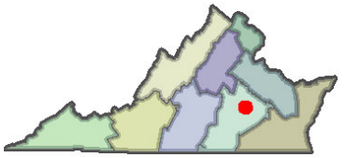
For more information on how to read a scorecard, click here.

Hopkins Road at Chippenham Parkway Interchange Improvement

Project Id: 4575

Improve operations and safety on Hopkins Road at the Chippenham Parkway interchange by constructing a diverging diamond interchange

Submitting Entity: Chesterfield County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Safety
(click here for details)



2.5
SMART SCALE SCORE

#169 OF 433 STATEWIDE

#38 OF 79 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$24,424,000**
Total Project Cost.....	**$24,424,000**
Project Benefit.....	**6.2**
Project Benefit / Total Cost.....	**2.5**

SMART SCALE Area Type B

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	40.5 persons	50.2 person hrs.	171.5 EPDO	919.0 EPDO / 100M VMT	17.0 jobs per resident	25.6 jobs per resident	101.3 adjusted users	54,126.8 thousand adj sq. ft.	3,335.4 thousand adj daily tons	9,331,106.3 adj. buffer time index	81.1 adjusted points	5.1 scaled points	17,645.6 access * pop/emp density.h	1,825.8 access * pop/emp density change.
Normalized Measure Value (0-100)	0.1	0.8	49.2	1.9	0.3	0.4	0.4	0.3	0.1	0.2	0.6	15.5	1.3	0.5
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.5		25.5		0.3			0.2			8.1		1.1	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%		10%	
Weighted Factor Value	0.1		5.1		0.1			0.0			0.8		0.1	
Project Benefit	6.2													
SMART SCALE Cost	$24,424,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**2.5**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

Nash Road Extension from Beach Road to Route 10

Project Id: 4644

Extend Nash Road from Beach Road to Route 10 as a 2-Lane road, construct a roundabout at Beach Road and Nash Road and construct new signalized intersection at Nash Road Extended and Route 10.

Submitting Entity: Chesterfield County
Preliminary Engineering: Underway
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: Regional Network
(click here for details)

0.5
SMART SCALE SCORE

#355 OF 433 STATEWIDE

#67 OF 79 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$20,681,576**
Total Project Cost.....	**$33,606,000**
Project Benefit.....	**1.0**
Project Benefit / Total Cost.....	**0.3**

SMART SCALE Area Type B

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	536.7 persons	148.1 person hrs.	0.0 EPDO	0.0 EPDO / 100M VMT	81.7 jobs per resident	18.6 jobs per resident	0.0 adjusted users	397,181.2 thousand adj sq. ft.	5,199.1 thousand adj daily tons	40,672,840.5 adj. buffer time index	0.0 adjusted points	0.8 scaled points	3,446.9 access * pop/emp density.h	690.6 access * pop/emp density change.
Normalized Measure Value (0-100)	1.9	2.3	0.0	0.0	1.4	0.3	0.0	2.0	0.1	0.9	0.0	2.3	0.3	0.2
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	2.1		0.0		0.9			1.4			1.2		0.2	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%		10%	
Weighted Factor Value	0.3		0.0		0.2			0.3			0.1		0.0	
Project Benefit	1.0													
SMART SCALE Cost	$20,681,576													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.5**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

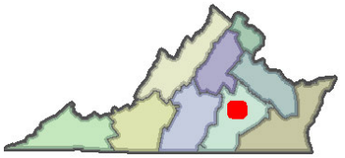
For more information on how to read a scorecard, click here.

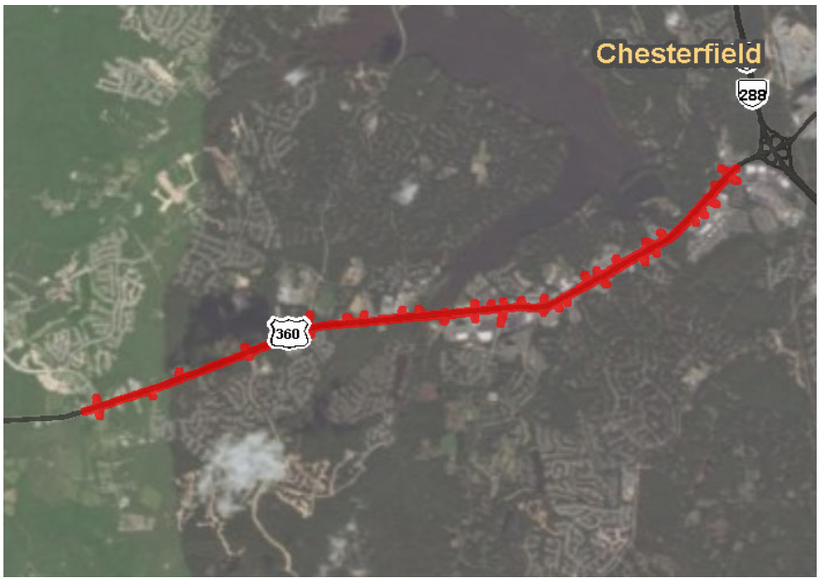
Superstreet - US 360 at Deer Run and Mockingbird

Project Id: 4681

Construct Superstreet intersections at US 360 at Deer Run Drive/Harbour View Court and Mockingbird Lane/Harbour Pointe Parkway

Submitting Entity: Chesterfield County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: Regional Network
(click here for details)





3.3
SMART SCALE SCORE

#140 OF 433 STATEWIDE

#31 OF 79 DISTRICTWIDE

SMART SCALE Requested Funds..... **$17,219,000**
Total Project Cost..... **$17,219,000**
Project Benefit..... **5.6**
Project Benefit / Total Cost..... **3.3**

SMART SCALE Area Type B

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	113.9 persons	0.0 person hrs.	100.2 EPDO	94.0 EPDO / 100M VMT	7.5 jobs per resident	4.8 jobs per resident	569.5 adjusted users	2,216,754.2 thousand adj sq. ft.	0.0 thousand adj daily tons	466,330,188.6 adj. buffer time index	0.0 adjusted points	4.6 scaled points	13,008.0 access * pop/emp density.h	3,170.9 access * pop/emp density change.
Normalized Measure Value (0-100)	0.4	0.0	28.7	0.2	0.1	0.1	2.0	11.3	0.0	10.7	0.0	14.0	1.0	0.9
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.2		14.5		0.5			8.9			7.0		1.0	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%		10%	
Weighted Factor Value	0.0		2.9		0.1			1.8			0.7		0.1	
Project Benefit	5.6													
SMART SCALE Cost	$17,219,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**3.3**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

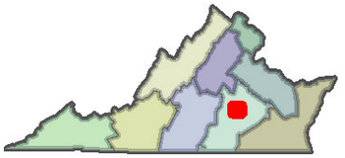
For more information on how to read a scorecard, click here.

Superstreet - US 360 at Winterpock and Spring Run

Project Id: 4683

Construct Superstreet intersections at US 360 and Winterpock Road and Spring Run Road.

Submitting Entity: Chesterfield County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: Regional Network
(click here for details)



2.3
SMART SCALE SCORE

#187 OF 433 STATEWIDE

#39 OF 79 DISTRICTWIDE

SMART SCALE Requested Funds..... **$26,455,000**
Total Project Cost..... **$26,455,000**
Project Benefit..... **6.0**
Project Benefit / Total Cost..... **2.3**

SMART SCALE Area Type B

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	17.0 persons	59.7 person hrs.	109.0 EPDO	101.9 EPDO / 100M VMT	28.4 jobs per resident	23.9 jobs per resident	56.7 adjusted users	2,034,531.1 thousand adj sq. ft.	139,396.4 thousand adj daily tons	512,656,307.8 adj. buffer time index	22.7 adjusted points	4.9 scaled points	11,453.5 access * pop/emp density.h	3,279.5 access * pop/emp density change.
Normalized Measure Value (0-100)	0.1	0.9	31.2	0.2	0.5	0.4	0.2	10.4	3.0	11.8	0.2	14.9	0.9	0.9
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.5		15.7		0.4			9.2			7.5		0.9	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%		10%	
Weighted Factor Value	0.1		3.1		0.1			1.8			0.8		0.1	
Project Benefit	6.0													
SMART SCALE Cost	$26,455,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**2.3**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

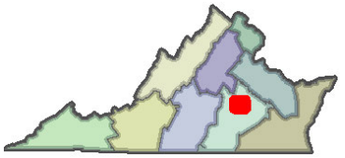
For more information on how to read a scorecard, click here.

RT 60 at Courthouse Road/Huguenot Road Quadrant Intersection

Project Id: 4685

Eliminate all left turns at the intersection of RT 60 and Courthouse Road/Huguenot Road by rerouting them to the SW and SE quadrant roadways of Murray Olds Drive/Busy Street and Busy Street/Branchway Road.

Submitting Entity: Chesterfield County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Urban Development Area
(click here for details)



3.6
SMART SCALE SCORE

#135 OF 433 STATEWIDE

#28 OF 79 DISTRICTWIDE

SMART SCALE Requested Funds..... **$31,060,000**
Total Project Cost..... **$31,060,000**
Project Benefit..... **11.0**
Project Benefit / Total Cost..... **3.6**

SMART SCALE Area Type B

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	64.7 persons	336.2 person hrs.	177.6 EPDO	150.4 EPDO / 100M VMT	176.6 jobs per resident	90.6 jobs per resident	22.0 adjusted users	3,989,395.6 thousand adj sq. ft.	14,014.0 thousand adj daily tons	1,055,681,276.8 adj. buffer time index	17.6 adjusted points	9.0 scaled points	25,141.7 access * pop/emp density.h	3,785.8 access * pop/emp density change.
Normalized Measure Value (0-100)	0.2	5.2	50.9	0.3	3.1	1.6	0.1	20.3	0.3	24.2	0.1	27.3	1.9	1.1
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	2.7		25.6		2.2			17.1			13.7		1.6	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%		10%	
Weighted Factor Value	0.4		5.1		0.5			3.4			1.4		0.2	
Project Benefit	11.0													
SMART SCALE Cost	$31,060,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**3.6**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT · DRPT · Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

Alverser at Old Buckingham Roundabout

Project Id: 4767

Construct roundabout at the intersection of Alverser Drive and Old Buckingham Road.

Submitting Entity: Chesterfield County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Urban Development Area
(click here for details)

4.8
SMART SCALE SCORE

#98 OF 433 STATEWIDE

#20 OF 79 DISTRICTWIDE

SMART SCALE Requested Funds..... **$4,293,434**
Total Project Cost..... **$4,358,434**
Project Benefit..... **2.1**
Project Benefit / Total Cost..... **4.7**

SMART SCALE Area Type B

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	34.7 persons	0.2 person hrs.	24.8 EPDO	3,672.9 EPDO / 100M VMT	12.4 jobs per resident	2.8 jobs per resident	104.2 adjusted users	102,376.9 thousand adj sq. ft.	0.0 thousand adj daily tons	0.0 adj. buffer time index	138.9 adjusted points	1.7 scaled points	25,437.6 access * pop/emp density.h	3,189.7 access * pop/emp density change.
Normalized Measure Value (0-100)	0.1	0.0	7.1	7.6	0.2	0.0	0.4	0.5	0.0	0.0	1.0	5.2	1.9	0.9
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.1		7.3		0.2			0.3			3.1		1.6	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%		10%	
Weighted Factor Value	0.0		1.5		0.1			0.1			0.3		0.2	
Project Benefit	2.1													
SMART SCALE Cost	$4,293,434													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**4.8**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

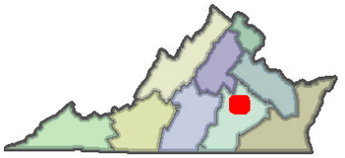
For more information on how to read a scorecard, click here.

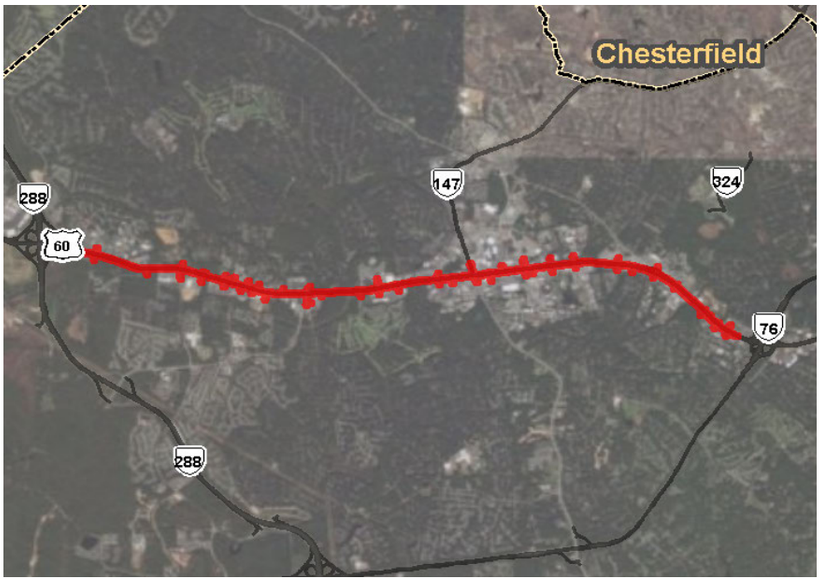
Superstreet - Route 60 at Woolridge Road/Old Buckingham Road

Project Id: 4972

Construct Superstreet intersection at RT 60 at Woolridge Road/Old Buckingham Road to improve safety and operations.

Submitting Entity: Chesterfield County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Urban Development Area
(click here for details)





7.6
SMART SCALE SCORE

#55 OF 433 STATEWIDE

#13 OF 79 DISTRICTWIDE

SMART SCALE Requested Funds..... **$13,239,000**
Total Project Cost..... **$13,239,000**
Project Benefit..... **10.0**
Project Benefit / Total Cost..... **7.6**

SMART SCALE Area Type B

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	85.0 persons	6.0 person hrs.	225.7 EPDO	192.4 EPDO / 100M VMT	1.5 jobs per resident	0.6 jobs per resident	212.5 adjusted users	2,147,880.2 thousand adj sq. ft.	13,025.7 thousand adj daily tons	879,915,079.5 adj. buffer time index	170.0 adjusted points	7.3 scaled points	20,849.6 access * pop/emp density.h	4,384.2 access * pop/emp density change.
Normalized Measure Value (0-100)	0.3	0.1	64.7	0.4	0.0	0.0	0.8	10.9	0.3	20.2	1.2	22.1	1.6	1.2
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.2		32.6		0.2			10.6			11.6		1.5	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%		10%	
Weighted Factor Value	0.0		6.5		0.0			2.1			1.2		0.1	
Project Benefit	10.0													
SMART SCALE Cost	$13,239,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**7.6**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

ITS Signal Upgrades

Project Id: 4977

Enhance signals and ITS systems along Route 10, Route 60, and Route 360 in Chesterfield County in accordance with VDOT Statewide Communications Master Plan.

Submitting Entity: Chesterfield County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: Regional Network
(click here for details)

10.9
SMART SCALE SCORE

#30 OF 433 STATEWIDE

#6 OF 79 DISTRICTWIDE

SMART SCALE Requested Funds..... **$10,440,000**
Total Project Cost..... **$10,440,000**
Project Benefit..... **11.4**
Project Benefit / Total Cost..... **10.9**

SMART SCALE Area Type B

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	0.0 person hrs.	186.9 EPDO	40.5 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	5,842,175.4 thousand adj sq. ft.	0.0 thousand adj daily tons	1,060,544,565.9 adj. buffer time index	0.0 adjusted points	9.0 scaled points	10,416.9 access * pop/emp density.h	1,972.3 access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	53.6	0.1	0.0	0.0	0.0	29.7	0.0	24.3	0.0	27.4	0.8	0.6
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.0		26.8		0.0			22.7			13.7		0.7	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%		10%	
Weighted Factor Value	0.0		5.4		0.0			4.5			1.4		0.1	
Project Benefit	11.4													
SMART SCALE Cost	$10,440,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**10.9**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

Route 58/49 Roundabout

Project Id: 4983

Develop an improvement to the intersection of Highway 58, 15 & 49 on the east side of the Town of Clarksville. The intersection as currently designed created a large number of accidents and injuries.

Submitting Entity: Clarksville Town
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: CoSS
(click here for details)

3.3
SMART SCALE SCORE

#142 OF 433 STATEWIDE

#32 OF 79 DISTRICTWIDE

SMART SCALE Requested Funds..... **$5,287,500**
Total Project Cost..... **$5,287,500**
Project Benefit..... **1.7**
Project Benefit / Total Cost..... **3.3**

SMART SCALE Area Type D														
Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	1.3 person hrs.	19.2 EPDO	1,807.5 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	182,870.9 thousand adj sq. ft.	0.0 thousand adj daily tons	1,210,987.1 adj. buffer time index	0.0 adjusted points	0.9 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	5.5	3.7	0.0	0.0	0.0	0.9	0.0	0.0	0.0	2.8		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.0		4.6		0.0			0.6			1.4			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%		N/A	
Weighted Factor Value	0.0		1.4		0.0			0.2			0.1			
Project Benefit	1.7													
SMART SCALE Cost	$5,287,500													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**3.3**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

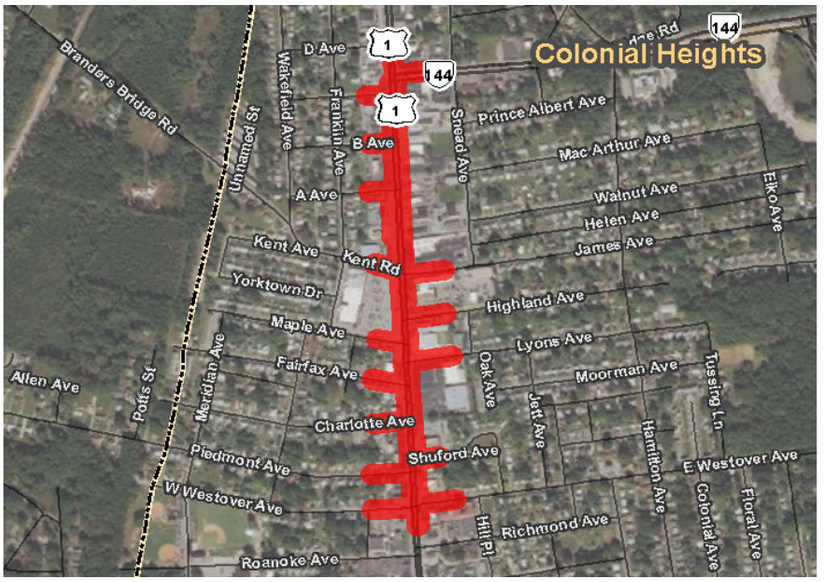
For more information on how to read a scorecard, click here.

Boulevard Modernization, Phase II

Project Id: 3472

Widen and improve the Boulevard from Westover Ave to Temple Ave. Project will include street reconstruction, bike lanes, curb/gutter, plant strips, sidewalks, storm water system upgrades and utility relocations.

Submitting Entity: Colonial Heights City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: CoSS
(click here for details)



1.0
SMART SCALE SCORE

#292 OF 433 STATEWIDE

#56 OF 79 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$14,705,213**
Total Project Cost.....	**$17,738,770**
Project Benefit.....	**1.5**
Project Benefit / Total Cost.....	**0.9**

SMART SCALE Area Type C

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	37.3 persons	9.4 person hrs.	27.0 EPDO	468.6 EPDO / 100M VMT	29.4 jobs per resident	33.6 jobs per resident	111.9 adjusted users	0.0 thousand adj sq. ft.	2,362.3 thousand adj daily tons	43,351,364.9 adj. buffer time index	149.2 adjusted points	1.1 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.1	0.1	7.7	1.0	0.5	0.6	0.4	0.0	0.1	1.0	1.1	3.4		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.1		4.4		0.5			0.2			2.2			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%		N/A	
Weighted Factor Value	0.0		1.1		0.1			0.1			0.2			
Project Benefit	1.5													
SMART SCALE Cost	$14,705,213													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.0**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

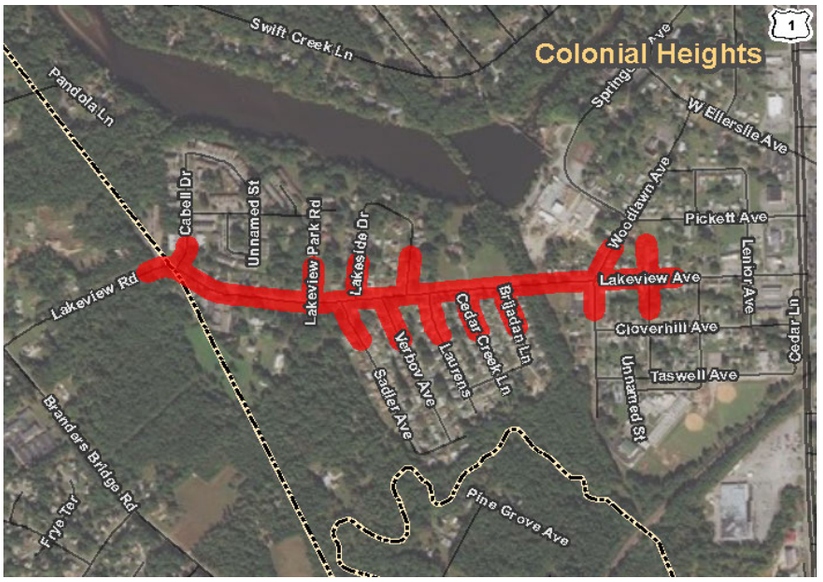
For more information on how to read a scorecard, click here.

Lakeview Avenue Modernization, Phase II

Project Id: 3767

Continue phased improvements to modernize and widen Lakeview Avenue from Vance Avenue to the City limits by upgrading the storm drainage system and adding center turn lane, sidewalks, bike lanes and landscaping.

Submitting Entity: Colonial Heights City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: Regional Network
(click here for details)



0.2
SMART SCALE SCORE

#391 OF 433 STATEWIDE

#75 OF 79 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$14,044,264**
Total Project Cost.....	**$14,544,264**
Project Benefit.....	**0.3**
Project Benefit / Total Cost.....	**0.2**

SMART SCALE Area Type C

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	9.8 persons	0.0 person hrs.	5.5 EPDO	291.1 EPDO / 100M VMT	5.0 jobs per resident	0.5 jobs per resident	29.5 adjusted users	0.0 thousand adj sq. ft.	0.0 thousand adj daily tons	0.0 adj. buffer time index	0.0 adjusted points	0.2 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	1.6	0.6	0.1	0.0	0.1	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	N/A
Factor Value	0.0		1.1		0.1			0.0			0.3			
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	0.3													
SMART SCALE Cost	$14,044,264													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.2**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

Route 1 Widening from I-85 Exit 63B to Route 1302

Project Id: 3707

Extend vehicle lane for persons exiting off of I-85 at Exit 63B and merging on to Route 1 north and continue this new center lane through to Dinwiddie Ave. (Rt. 1302) to include separated sidewalks, on-road bike lane and transit/bus accommodations.

Submitting Entity: Dinwiddie County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Safety
(click here for details)

1.9
SMART SCALE SCORE

#211 OF 433 STATEWIDE

#42 OF 79 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$4,098,689**
Total Project Cost.....	**$4,098,689**
Project Benefit.....	**0.8**
Project Benefit / Total Cost.....	**1.9**

SMART SCALE Area Type C

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	11.4 persons	1.0 person hrs.	11.0 EPDO	432.4 EPDO / 100M VMT	10.0 jobs per resident	4.7 jobs per resident	56.9 adjusted users	169,618.7 thousand adj sq. ft.	3,953.4 thousand adj daily tons	7,692,347.2 adj. buffer time index	56.9 adjusted points	0.5 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	3.2	0.9	0.2	0.1	0.2	0.9	0.1	0.2	0.4	1.6		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.0		2.0		0.2			0.6			1.0			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%		N/A	
Weighted Factor Value	0.0		0.5		0.0			0.1			0.1			
Project Benefit	0.8													
SMART SCALE Cost	$4,098,689													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.9**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

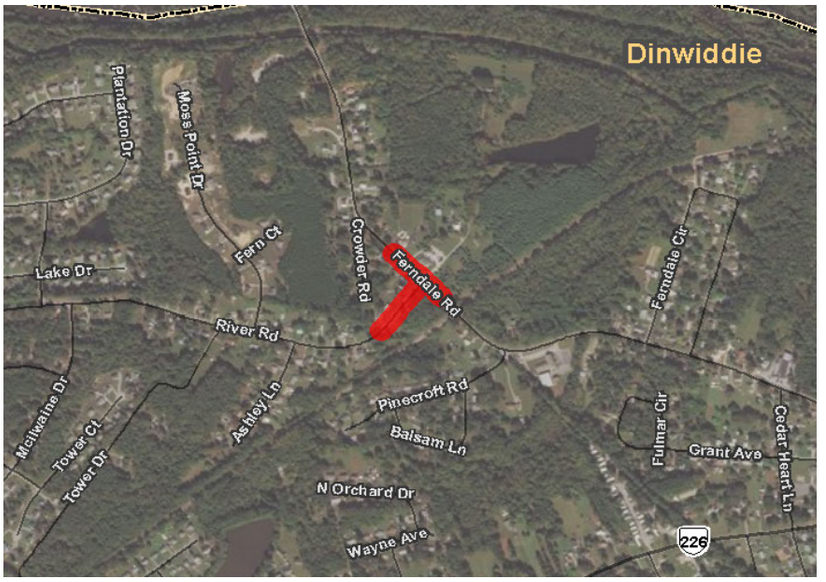
For more information on how to read a scorecard, click here.

Route 600/Route 601 Roundabout

Project Id: 3710

Construct a roundabout at the intersection of Route 600 (Ferndale Rd.) and Route 601 (River Road).

Submitting Entity: Dinwiddie County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Safety
(click here for details)



7.3
SMART SCALE SCORE

#59 OF 433 STATEWIDE

#14 OF 79 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$3,700,000**
Total Project Cost.....	**$3,700,000**
Project Benefit.....	**2.7**
Project Benefit / Total Cost.....	**7.3**

SMART SCALE Area Type C

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	3.7 persons	0.0 person hrs.	28.0 EPDO	5,279.4 EPDO / 100M VMT	0.3 jobs per resident	0.0 jobs per resident	5.5 adjusted users	0.0 thousand adj sq. ft.	0.0 thousand adj daily tons	311,853.2 adj. buffer time index	0.0 adjusted points	2.2 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	8.0	10.9	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	N/A
Factor Value	0.0		9.5		0.0			0.0			3.4			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%		N/A	
Weighted Factor Value	0.0		2.4		0.0			0.0			0.3			
Project Benefit	2.7													
SMART SCALE Cost	$3,700,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**7.3**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

I-64 at Ashland Rd. (Rte. 623) Interchange

Project Id: 3761

Reconstruct existing rural diamond interchange into diverging diamond interchange to improve safety and operations and to provide more efficient access to and from I-64. Also, construct new Park-and-Ride facility.

Submitting Entity: Goochland County
Preliminary Engineering: Underway
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: CoSS
(click here for details)

0.6
SMART SCALE SCORE

#345 OF 433 STATEWIDE

#65 OF 79 DISTRICTWIDE

SMART SCALE Requested Funds..... **$41,073,617**
Total Project Cost..... **$41,073,617**
Project Benefit..... **2.6**
Project Benefit / Total Cost..... **0.6**

SMART SCALE Area Type B

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	50.2 persons	68.5 person hrs.	28.2 EPDO	4.6 EPDO / 100M VMT	56.1 jobs per resident	50.3 jobs per resident	200.6 adjusted users	790,533.5 thousand adj sq. ft.	5,690.4 thousand adj daily tons	413,874.9 adj. buffer time index	1,710.3 adjusted points	2.1 scaled points	1,702.6 access * pop/emp density.h	699.0 access * pop/emp density change.
Normalized Measure Value (0-100)	0.2	1.1	8.1	0.0	1.0	0.9	0.7	4.0	0.1	0.0	12.1	6.4	0.1	0.2
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.6		4.0		0.9			2.4			9.2		0.1	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%		10%	
Weighted Factor Value	0.1		0.8		0.2			0.5			0.9		0.0	
Project Benefit	2.6													
SMART SCALE Cost	$41,073,617													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.6**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT · DRPT · Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

Three Chopt Rd Reconnection

Project Id: 3859

Construct new 1,500 ft., two-lane divided road segment to reconnect existing segments of Three Chopt Rd. under Rte. 288, which would include a new underpass under existing Rte. 288 resulting in two new bridge structures to carry Rte. 288 traffic.

Submitting Entity: Goochland County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: Regional Network
(click here for details)

1.1
SMART SCALE SCORE

#277 OF 433 STATEWIDE

#51 OF 79 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$18,829,345**
Total Project Cost.....	**$18,829,345**
Project Benefit.....	**2.1**
Project Benefit / Total Cost.....	**1.1**

SMART SCALE Area Type B

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	117.9 persons	31.8 person hrs.	0.0 EPDO	0.0 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	4.0 adjusted users	2,850,380.5 thousand adj sq. ft.	156.2 thousand adj daily tons	2,917,949.7 adj. buffer time index	5.3 adjusted points	1.7 scaled points	5,477.5 access * pop/emp density.h	1,881.9 access * pop/emp density change.
Normalized Measure Value (0-100)	0.4	0.5	0.0	0.0	0.0	0.0	0.0	14.5	0.0	0.1	0.0	5.3	0.4	0.5
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.5		0.0		0.0			8.7			2.7		0.4	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%		10%	
Weighted Factor Value	0.1		0.0		0.0			1.7			0.3		0.0	
Project Benefit	2.1													
SMART SCALE Cost	$18,829,345													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.1**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

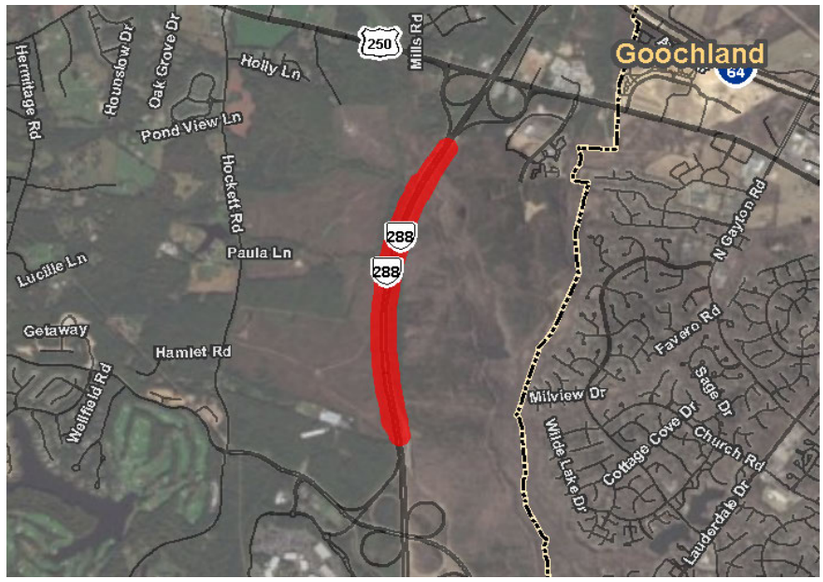
For more information on how to read a scorecard, click here.

Rte 288 - New SB Auxiliary Lane South of U.S. 250

Project Id: 4030

Construct new southbound auxiliary lane on Rte 288, approximately 1.4 miles in length, between southbound exit ramp from Rte. 250 (Broad Street Road) and southbound entrance ramp onto Rte. 740 (Tuckahoe Creek Parkway).

Submitting Entity: Goochland County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: Regional Network
(click here for details)



1.4
SMART SCALE SCORE

#254 OF 433 STATEWIDE

#47 OF 79 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$17,460,000**
Total Project Cost.....	**$17,460,000**
Project Benefit.....	**2.4**
Project Benefit / Total Cost.....	**1.4**

SMART SCALE Area Type B

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	679.0 persons	48.6 person hrs.	10.0 EPDO	64.3 EPDO / 100M VMT	97.5 jobs per resident	71.7 jobs per resident	0.0 adjusted users	1,926,027.4 thousand adj sq. ft.	0.0 thousand adj daily tons	5,134,928.0 adj. buffer time index	0.0 adjusted points	1.9 scaled points	4,570.5 access * pop/emp density.h	1,467.3 access * pop/emp density change.
Normalized Measure Value (0-100)	2.4	0.8	2.9	0.1	1.7	1.2	0.0	9.8	0.0	0.1	0.0	5.8	0.3	0.4
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	1.6		1.5		1.3			5.9			2.9		0.4	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%		10%	
Weighted Factor Value	0.2		0.3		0.3			1.2			0.3		0.0	
Project Benefit	2.4													
SMART SCALE Cost	$17,460,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.4**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT · DRPT · Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

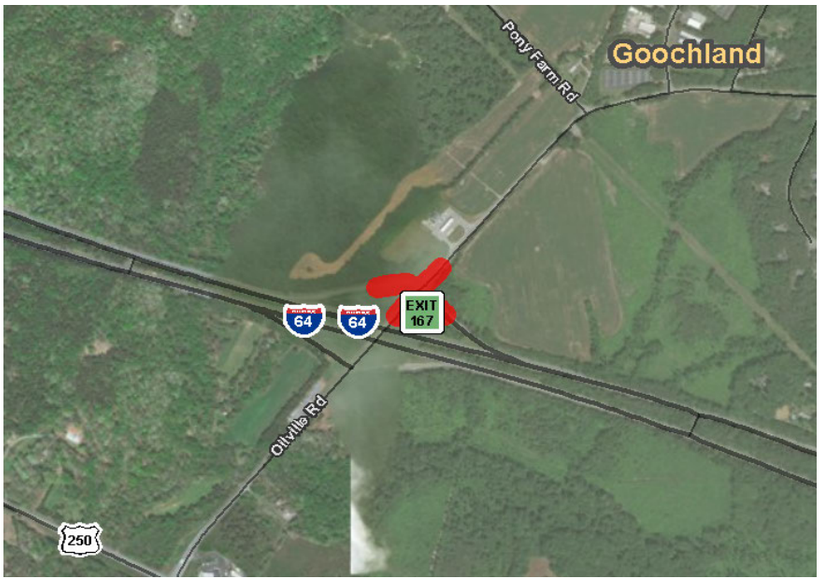
For more information on how to read a scorecard, click here.

I-64 at Oilville Road (Rte. 617) Interchange

Project Id: 4045

Construct a one-lane roundabout at the westbound I-64 ramp at the Oilville Rd. interchange.

Submitting Entity: Goochland County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Urban Development Area
(click here for details)



4.3
SMART SCALE SCORE

#111 OF 433 STATEWIDE

#23 OF 79 DISTRICTWIDE

SMART SCALE Requested Funds..... **$4,077,842**
Total Project Cost..... **$4,077,842**
Project Benefit..... **1.8**
Project Benefit / Total Cost..... **4.3**

SMART SCALE Area Type B

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	12.7 person hrs.	16.8 EPDO	3,786.1 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	417,474.3 thousand adj sq. ft.	0.0 thousand adj daily tons	53,247.8 adj. buffer time index	0.0 adjusted points	1.4 scaled points	55.1 access * pop/emp density.h	10.7 access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.2	4.8	7.8	0.0	0.0	0.0	2.1	0.0	0.0	0.0	4.4	0.0	0.0
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.1		6.3		0.0			1.3			2.2		0.0	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%		10%	
Weighted Factor Value	0.0		1.3		0.0			0.3			0.2		0.0	
Project Benefit	1.8													
SMART SCALE Cost	$4,077,842													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**4.3**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT · DRPT · Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

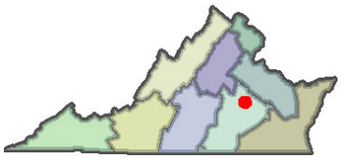
For more information on how to read a scorecard, click here.

A Scott's Addition BRT Station Pedestrian Safety/Streetscape

Project Id: 3713

This project will address pedestrian access and safety to the Scott's Addition BRT Stations by constructing sidewalk, ADA accessible ramps and other pedestrian and streetscape amenities within the half-mile walkshed of the BRT station.

Submitting Entity:	Greater Richmond Transit Company (GRTC)
Preliminary Engineering:	Not Started
Right of Way:	Not Needed
Construction:	Not Started
Eligible Fund Program:	Statewide High Priority
VTRANS Need:	Regional Network (click here for details)



22.7 SMART SCALE SCORE	**#15**	OF 433 STATEWIDE	SMART SCALE Requested Funds..... **$1,612,000**
	#4	OF 79 DISTRICTWIDE	Total Project Cost..... **$1,612,000**
			Project Benefit..... **3.7**
			Project Benefit / Total Cost..... **22.7**

SMART SCALE Area Type B

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	170.0 persons	0.0 person hrs.	12.3 EPDO	47.6 EPDO / 100M VMT	7.0 jobs per resident	8.7 jobs per resident	849.8 adjusted users	754,433.2 thousand adj sq. ft.	0.0 thousand adj daily tons	5,175,917.9 adj. buffer time index	0.0 adjusted points	2.6 scaled points	359,838.3 access * pop/emp density.h	37,236.6 access * pop/emp density change.
Normalized Measure Value (0-100)	0.6	0.0	3.5	0.1	0.1	0.2	3.0	3.8	0.0	0.1	0.0	7.8	27.2	10.5
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.3		1.8		0.7			2.3			3.9		22.2	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%		10%	
Weighted Factor Value	0.0		0.4		0.2			0.5			0.4		2.2	
Project Benefit	3.7													
SMART SCALE Cost	$1,612,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**22.7**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

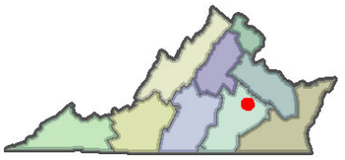
For more information on how to read a scorecard, click here.

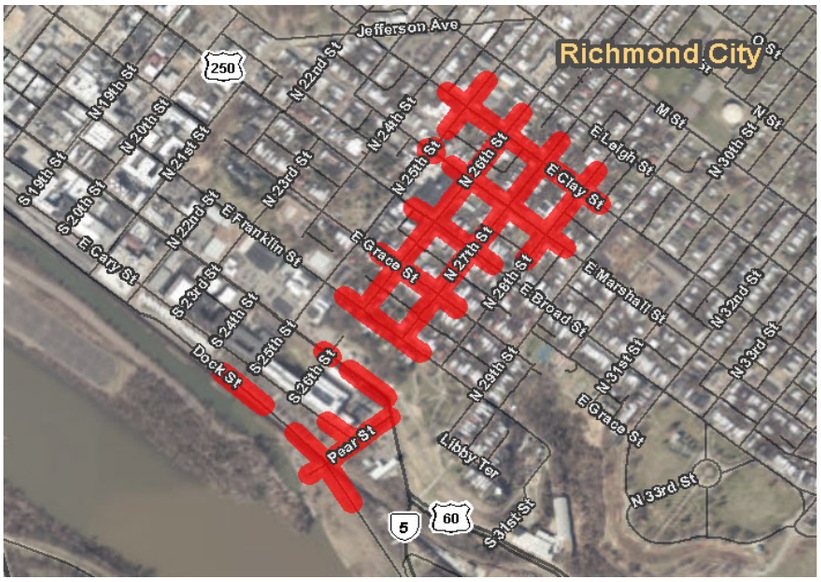
B Shockoe Bottom BRT Station Pedestrian Safety/Streetscape

Project Id: 3725

This project will address pedestrian access and safety to the Shockoe Bottom BRT Stations by constructing sidewalk, ADA accessible ramps, and other pedestrian and streetscape amenities within the half mile walkshed of the BRT station.

Submitting Entity: Greater Richmond Transit Company (GRTC)
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Statewide High Priority
VTRANS Need: Regional Network
(click here for details)





4.0
SMART SCALE SCORE

#117 OF 433 STATEWIDE

#27 OF 79 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$4,900,000**
Total Project Cost.....	**$4,900,000**
Project Benefit.....	**2.0**
Project Benefit / Total Cost.....	**4.0**

SMART SCALE Area Type B

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	45.9 persons	0.0 person hrs.	5.6 EPDO	938.9 EPDO / 100M VMT	0.1 jobs per resident	0.1 jobs per resident	229.5 adjusted users	0.0 thousand adj sq. ft.	0.0 thousand adj daily tons	0.0 adj. buffer time index	0.0 adjusted points	1.2 scaled points	215,830.5 access * pop/emp density.h	29,002.0 access * pop/emp density change.
Normalized Measure Value (0-100)	0.2	0.0	1.6	1.9	0.0	0.0	0.8	0.0	0.0	0.0	0.0	3.5	16.3	8.2
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.1		1.8		0.2			0.0			1.8		13.9	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%		10%	
Weighted Factor Value	0.0		0.4		0.0			0.0			0.2		1.4	
Project Benefit	2.0													
SMART SCALE Cost	$4,900,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**4.0**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT · DRPT · Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

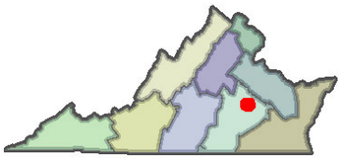
For more information on how to read a scorecard, click here.

C Rvrfront/Orleans BRT Station Pedestrian Safety/Streetscape

Project Id: 3726

This project will address pedestrian access and safety to the East Riverfront and Orleans BRT Stations by constructing sidewalk, ADA accessible ramps, and pedestrian and streetscape amenities within the half mile walkshed of the stations.

Submitting Entity: Greater Richmond Transit Company (GRTC)
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Statewide High Priority
VTRANS Need: Regional Network
(click here for details)



7.9 SMART SCALE SCORE			
	#49	OF 433 STATEWIDE	
	#11	OF 79 DISTRICTWIDE	

SMART SCALE Requested Funds.....	**$2,057,000**
Total Project Cost.....	**$2,057,000**
Project Benefit.....	**1.6**
Project Benefit / Total Cost.....	**7.9**

SMART SCALE Area Type B

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	46.5 persons	0.1 person hrs.	4.9 EPDO	120.4 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	232.3 adjusted users	0.0 thousand adj sq. ft.	0.0 thousand adj daily tons	0.0 adj. buffer time index	139.4 adjusted points	1.1 scaled points	181,027.7 access * pop/emp density.h	27,400.8 access * pop/emp density change.
Normalized Measure Value (0-100)	0.2	0.0	1.4	0.2	0.0	0.0	0.8	0.0	0.0	0.0	1.0	3.4	13.7	7.8
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.1		0.8		0.2			0.0			2.2		11.9	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%		10%	
Weighted Factor Value	0.0		0.2		0.0			0.0			0.2		1.2	
Project Benefit	1.6													
SMART SCALE Cost	$2,057,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**7.9**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

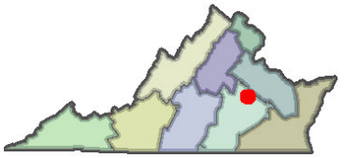
For more information on how to read a scorecard, click here.

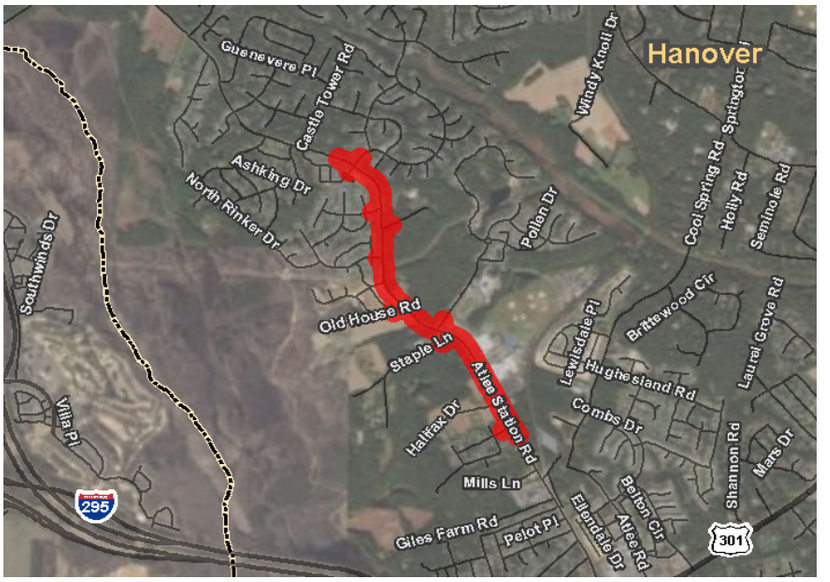
Atlee Station Road - Phase 2

Project Id: 3599

Widen Atlee Station Rd (Rt. 637) from 2 to 4 lanes between Warren Ave and Kings Charter Dr. (1.4 miles).

Submitting Entity: Hanover County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Safety
(click here for details)





0.4
SMART SCALE SCORE

#372 OF 433 STATEWIDE

#71 OF 79 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$26,529,239**
Total Project Cost.....	**$31,529,239**
Project Benefit.....	**1.0**
Project Benefit / Total Cost.....	**0.3**

SMART SCALE Area Type B

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	20.4 persons	6.3 person hrs.	13.8 EPDO	242.8 EPDO / 100M VMT	27.4 jobs per resident	4.2 jobs per resident	61.1 adjusted users	347,555.9 thousand adj sq. ft.	2,671.9 thousand adj daily tons	11,632,867.6 adj. buffer time index	81.5 adjusted points	0.8 scaled points	9,140.6 access * pop/emp density.h	2,072.2 access * pop/emp density change.
Normalized Measure Value (0-100)	0.1	0.1	4.0	0.5	0.5	0.1	0.2	1.8	0.1	0.3	0.6	2.4	0.7	0.6
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.1		2.2		0.3			1.1			1.5		0.7	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%		10%	
Weighted Factor Value	0.0		0.4		0.1			0.2			0.1		0.1	
Project Benefit	1.0													
SMART SCALE Cost	$26,529,239													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.4**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

Pole Green Road Widening

Project Id: 3645

Widen Pole Green Rd (Rt. 627) from 2 to 4 lanes between Bell Creek Rd and Rural Point Rd (1.55 miles).

Submitting Entity: Hanover County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Safety
(click here for details)

1.5
SMART SCALE SCORE

#241 OF 433 STATEWIDE

#46 OF 79 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$7,637,000**
Total Project Cost.....	**$20,000,000**
Project Benefit.....	**1.2**
Project Benefit / Total Cost.....	**0.6**

SMART SCALE Area Type B														
Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	30.2 persons	8.1 person hrs.	21.6 EPDO	220.2 EPDO / 100M VMT	23.8 jobs per resident	18.9 jobs per resident	35.8 adjusted users	315,510.5 thousand adj sq. ft.	21,004.0 thousand adj daily tons	21,207,028.2 adj. buffer time index	47.7 adjusted points	0.8 scaled points	5,967.4 access * pop/emp density.h	1,102.2 access * pop/emp density change.
Normalized Measure Value (0-100)	0.1	0.1	6.2	0.5	0.4	0.3	0.1	1.6	0.4	0.5	0.3	2.4	0.5	0.3
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.1		3.3		0.3			1.1			1.4		0.4	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%		10%	
Weighted Factor Value	0.0		0.7		0.1			0.2			0.1		0.0	
Project Benefit	1.2													
SMART SCALE Cost	$7,637,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.5**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

Creighton Road/Walnut Grove Road Roundabout

Project Id: 3673

Single-lane roundabout to connect the intersections of Creighton Pkwy, Creighton Rd, and Walnut Grove Rd.

Submitting Entity: Hanover County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Safety
(click here for details)

3.2
SMART SCALE SCORE

#144 OF 433 STATEWIDE

#33 OF 79 DISTRICTWIDE

SMART SCALE Requested Funds..... **$6,976,601**
Total Project Cost..... **$6,976,601**
Project Benefit..... **2.3**
Project Benefit / Total Cost..... **3.2**

SMART SCALE Area Type B														
Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	14.0 persons	7.1 person hrs.	31.2 EPDO	5,266.3 EPDO / 100M VMT	0.4 jobs per resident	0.0 jobs per resident	21.0 adjusted users	0.0 thousand adj sq. ft.	0.0 thousand adj daily tons	430,113.5 adj. buffer time index	28.0 adjusted points	1.5 scaled points	4,043.9 access * pop/emp density.h	619.3 access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.1	8.9	10.9	0.0	0.0	0.1	0.0	0.0	0.0	0.2	4.5	0.3	0.2
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.1		9.9		0.0			0.0			2.3		0.3	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%		10%	
Weighted Factor Value	0.0		2.0		0.0			0.0			0.2		0.0	
Project Benefit	2.3													
SMART SCALE Cost	$6,976,601													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**3.2**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

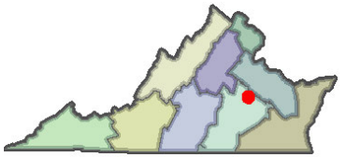
For more information on how to read a scorecard, click here.

Route 301 Southbound Safety & Traffic Operations Improvement

Project Id: 3695

Improve safety and traffic operations on Chamberlayne Road (Route 301) southbound between Atlee Road and Atlee Station Road.

Submitting Entity: Hanover County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Safety
(click here for details)



2.9 SMART SCALE SCORE			
	#155 OF 433 STATEWIDE	SMART SCALE Requested Funds.....	**$762,893**
		Total Project Cost.....	**$762,893**
	#34 OF 79 DISTRICTWIDE	Project Benefit.....	**0.2**
		Project Benefit / Total Cost.....	**2.9**

SMART SCALE Area Type B

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	0.0 person hrs.	1.8 EPDO	102.6 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	67,478.6 thousand adj sq. ft.	0.0 thousand adj daily tons	5,142,402.4 adj. buffer time index	0.0 adjusted points	0.2 scaled points	10,211.4 access * pop/emp density.h	2,202.4 access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	0.5	0.2	0.0	0.0	0.0	0.3	0.0	0.1	0.0	0.5	0.8	0.6
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.0		0.4		0.0			0.2			0.3		0.7	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%		10%	
Weighted Factor Value	0.0		0.1		0.0			0.0			0.0		0.1	
Project Benefit	0.2													
SMART SCALE Cost	$762,893													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**2.9**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

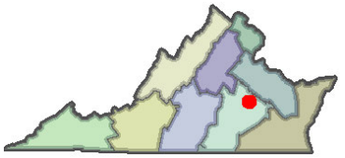
For more information on how to read a scorecard, click here.

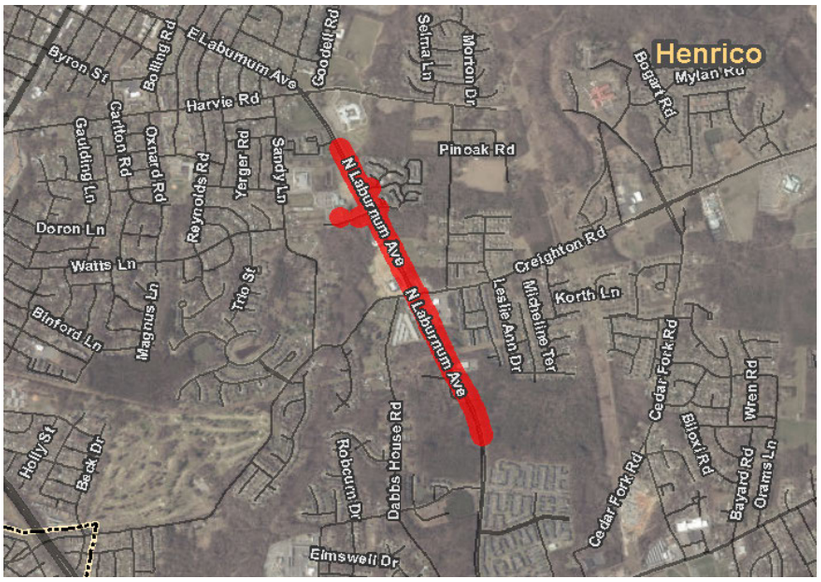
N Laburnum Avenue Pedestrian and Transit Improvements

Project Id: 3549

Improve multimodal function, transit access, and handicap accessibility along N Laburnum Avenue by adding missing sidewalk, ADA accessible ramps, park and ride spaces, and bus stop amenities along the 0.81 mile project corridor.

Submitting Entity: Henrico County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: Regional Network
(click here for details)





7.8 SMART SCALE SCORE			
	#51	OF 433 STATEWIDE	
	#12	OF 79 DISTRICTWIDE	

SMART SCALE Requested Funds.....	**$2,689,000**
Total Project Cost.....	**$3,054,000**
Project Benefit.....	**2.1**
Project Benefit / Total Cost.....	**6.9**

SMART SCALE Area Type B

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	32.0 persons	0.7 person hrs.	14.1 EPDO	2.2 EPDO / 100M VMT	1.5 jobs per resident	2.2 jobs per resident	160.1 adjusted users	4,075.4 thousand adj sq. ft.	14,911.4 thousand adj daily tons	19,106,972.3 adj. buffer time index	2,887.1 adjusted points	1.6 scaled points	57,400.6 access * pop/emp density.h	5,692.5 access * pop/emp density change.
Normalized Measure Value (0-100)	0.1	0.0	4.0	0.0	0.0	0.0	0.6	0.0	0.3	0.4	20.4	4.8	4.3	1.6
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.1		2.0		0.1			0.2			12.6		3.5	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%		10%	
Weighted Factor Value	0.0		0.4		0.0			0.0			1.3		0.4	
Project Benefit	2.1													
SMART SCALE Cost	$2,689,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**7.8**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

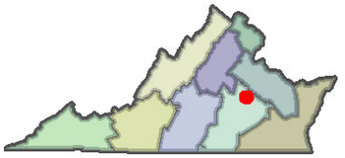
For more information on how to read a scorecard, click here.

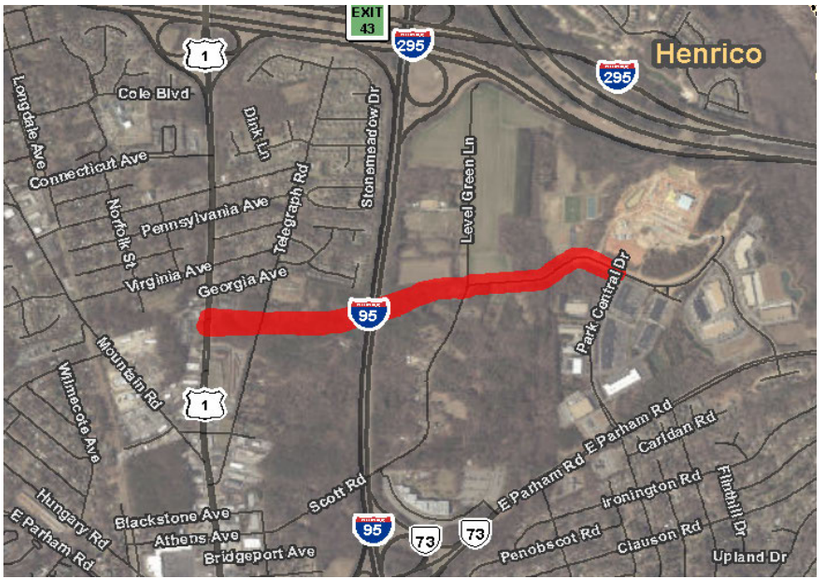
Magellan Parkway Extension Project

Project Id: 3571

New alignment roadway connecting Brook Road (US Rte. 1) and existing Magellan Parkway in order to facilitate planned Economic Development, improve regional mobility and congestion, and Bicycle/Pedestrian Accessibility.

Submitting Entity: Henrico County
Preliminary Engineering: Underway
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Urban Development Area
(click here for details)





0.5
SMART SCALE SCORE

#357 OF 433 STATEWIDE

#69 OF 79 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$32,900,000**
Total Project Cost.....	**$32,900,000**
Project Benefit.....	**1.5**
Project Benefit / Total Cost.....	**0.5**

SMART SCALE Area Type B

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	209.7 persons	58.6 person hrs.	0.0 EPDO	0.0 EPDO / 100M VMT	75.7 jobs per resident	82.8 jobs per resident	143.1 adjusted users	134,689.3 thousand adj sq. ft.	1,771.6 thousand adj daily tons	34,217,585.3 adj. buffer time index	2,002.3 adjusted points	0.6 scaled points	28,297.3 access * pop/emp density.h	5,400.4 access * pop/emp density change.
Normalized Measure Value (0-100)	0.7	0.9	0.0	0.0	1.3	1.4	0.5	0.7	0.0	0.8	14.1	1.9	2.1	1.5
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.8		0.0		1.2			0.6			8.0		2.0	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%		10%	
Weighted Factor Value	0.1		0.0		0.3			0.1			0.8		0.2	
Project Benefit	1.5													
SMART SCALE Cost	$32,900,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.5**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

W Broad Street Pedestrian and Transit Improvements

Project Id: 3951

Sidewalk, access management, and bus transit facility improvements along W Broad Street between Pemberton Road and Parham Road in Henrico County.

Submitting Entity: Henrico County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: CoSS
(click here for details)

4.4
SMART SCALE SCORE

#106 OF 433 STATEWIDE

#21 OF 79 DISTRICTWIDE

SMART SCALE Requested Funds..... **$10,857,000**
Total Project Cost..... **$10,857,000**
Project Benefit..... **4.8**
Project Benefit / Total Cost..... **4.4**

SMART SCALE Area Type B														
Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	174.6 persons	43.8 person hrs.	92.8 EPDO	241.1 EPDO / 100M VMT	55.3 jobs per resident	89.2 jobs per resident	871.9 adjusted users	291,796.9 thousand adj sq. ft.	0.0 thousand adj daily tons	46,372,713.5 adj. buffer time index	523.2 adjusted points	3.9 scaled points	85,257.8 access * pop/emp density.h	13,749.1 access * pop/emp density change.
Normalized Measure Value (0-100)	0.6	0.7	26.6	0.5	1.0	1.5	3.1	1.5	0.0	1.1	3.7	11.9	6.4	3.9
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.6		13.6		1.5			1.1			7.8		5.7	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%		10%	
Weighted Factor Value	0.1		2.7		0.4			0.2			0.8		0.6	
Project Benefit	4.8													
SMART SCALE Cost	$10,857,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**4.4**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

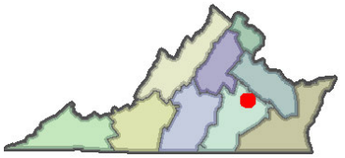
For more information on how to read a scorecard, click here.

Carolina Avenue Improvements

Project Id: 4043

Widening Carolina Avenue from the intersection of Laburnum Avenue to approximately 0.1 miles east of Richmond-Henrico Turnpike from 2-3 lanes to 4 lanes with turn lanes, sidewalk, shared use path, improved access to transit, and signal upgrades.

Submitting Entity: Henrico County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: Regional Network
(click here for details)



0.5 SMART SCALE SCORE	**#351** OF 433 STATEWIDE	SMART SCALE Requested Funds.....	**$33,783,000**
	#66 OF 79 DISTRICTWIDE	Total Project Cost.....	**$35,518,000**
		Project Benefit.....	**1.7**
		Project Benefit / Total Cost.....	**0.5**

SMART SCALE Area Type B														
Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	15.4 persons	4.1 person hrs.	16.0 EPDO	214.6 EPDO / 100M VMT	11.0 jobs per resident	19.8 jobs per resident	77.0 adjusted users	591,938.2 thousand adj sq. ft.	22,454.1 thousand adj daily tons	35,753,364.2 adj. buffer time index	77.0 adjusted points	1.4 scaled points	78,759.0 access * pop/emp density.h	9,202.3 access * pop/emp density change.
Normalized Measure Value (0-100)	0.1	0.1	4.6	0.4	0.2	0.3	0.3	3.0	0.5	0.8	0.5	4.3	5.9	2.6
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.1		2.5		0.2			2.1			2.4		4.9	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%		10%	
Weighted Factor Value	0.0		0.5		0.1			0.4			0.2		0.5	
Project Benefit	1.7													
SMART SCALE Cost	$33,783,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.5**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

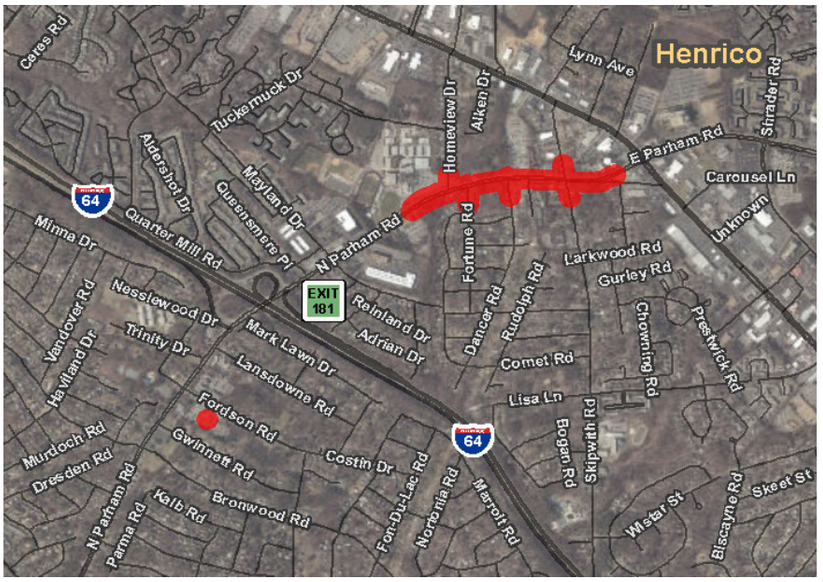
For more information on how to read a scorecard, click here.

Parham Rd Traffic Signal & Sidewalk Project

Project Id: 4044

Construct approximately 3,000 feet of sidewalk along Parham Rd between JR Tucker H.S. and Old Parham Rd. Install new traffic signal at Homeview Drive and upgrade existing traffic signal at Skipwith Rd. Add turn lane at Skipwith Rd.

Submitting Entity: Henrico County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: Regional Network
(click here for details)



24.5 SMART SCALE SCORE			SMART SCALE Requested Funds.....	**$1,335,000**
	#14	OF 433 STATEWIDE	Total Project Cost.....	**$4,460,000**
	#3	OF 79 DISTRICTWIDE	Project Benefit.....	**3.3**
			Project Benefit / Total Cost.....	**7.3**

SMART SCALE Area Type B

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	104.5 persons	18.9 person hrs.	25.1 EPDO	1.6 EPDO / 100M VMT	30.4 jobs per resident	47.8 jobs per resident	522.4 adjusted users	6,352.1 thousand adj sq. ft.	0.0 thousand adj daily tons	28,148,245.2 adj. buffer time index	3,144.9 adjusted points	2.7 scaled points	113,673.9 access * pop/emp density.h	16,676.8 access * pop/emp density change.
Normalized Measure Value (0-100)	0.4	0.3	7.2	0.0	0.5	0.8	1.9	0.0	0.0	0.6	22.2	8.2	8.6	4.7
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.3		3.6		0.9			0.1			15.2		7.4	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%		10%	
Weighted Factor Value	0.0		0.7		0.2			0.0			1.5		0.7	
Project Benefit	3.3													
SMART SCALE Cost	$1,335,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**24.5**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

W Broad Street Intersection Improvements at Parham Road

Project Id: 4139

Intersection improvements are proposed for W Broad Street at Parham Road, Parham Road at Skipwith Road, and W Broad Street at Skipwith Road in Henrico County. New sidewalks along W Broad Street. Access management at Carousel Lane.

Submitting Entity: Henrico County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: CoSS
(click here for details)

2.8
SMART SCALE SCORE

#159 OF 433 STATEWIDE

#35 OF 79 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$10,637,000**
Total Project Cost.....	**$10,637,000**
Project Benefit.....	**3.0**
Project Benefit / Total Cost.....	**2.8**

SMART SCALE Area Type B

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	99.5 persons	17.3 person hrs.	49.6 EPDO	254.4 EPDO / 100M VMT	4.1 jobs per resident	6.5 jobs per resident	497.7 adjusted users	43,099.7 thousand adj sq. ft.	9,565.7 thousand adj daily tons	86,587,908.7 adj. buffer time index	298.6 adjusted points	2.5 scaled points	114,979.1 access * pop/emp density.h	17,539.6 access * pop/emp density change.
Normalized Measure Value (0-100)	0.4	0.3	14.2	0.5	0.1	0.1	1.8	0.2	0.2	2.0	2.1	7.5	8.7	5.0
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.3		7.4		0.4			0.6			4.8		7.6	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%		10%	
Weighted Factor Value	0.0		1.5		0.1			0.1			0.5		0.8	
Project Benefit	3.0													
SMART SCALE Cost	$10,637,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**2.8**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

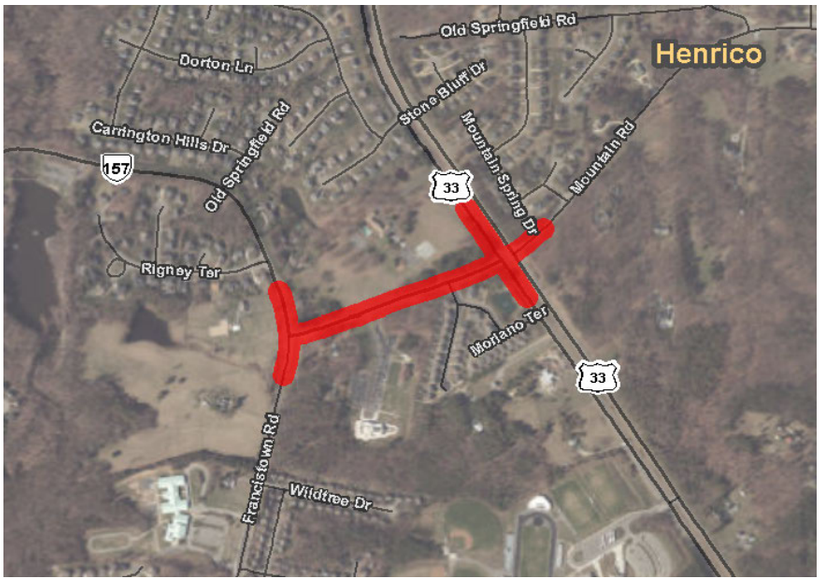
For more information on how to read a scorecard, click here.

Springfield Road Improvements

Project Id: 4202

Intersection improvements at Springfield Road (State Route 157) and Staples Mill Road (US Route 33), includes sidewalk.

Submitting Entity: Henrico County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Safety
(click here for details)



1.3
SMART SCALE SCORE

#258 OF 433 STATEWIDE

#49 OF 79 DISTRICTWIDE

SMART SCALE Requested Funds..... **$9,150,000**
Total Project Cost..... **$9,150,000**
Project Benefit..... **1.2**
Project Benefit / Total Cost..... **1.3**

SMART SCALE Area Type B														
Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	95.7 persons	169.6 person hrs.	10.8 EPDO	385.2 EPDO / 100M VMT	73.2 jobs per resident	42.7 jobs per resident	19.8 adjusted users	0.0 thousand adj sq. ft.	3,619.5 thousand adj daily tons	11,861,274.0 adj. buffer time index	26.4 adjusted points	1.0 scaled points	28,302.0 access * pop/emp density.h	5,546.4 access * pop/emp density change.
Normalized Measure Value (0-100)	0.3	2.6	3.1	0.8	1.3	0.7	0.1	0.0	0.1	0.3	0.2	3.0	2.1	1.6
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	1.5		1.9		0.9			0.1			1.6		2.0	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%		10%	
Weighted Factor Value	0.2		0.4		0.2			0.0			0.2		0.2	
Project Benefit	1.2													
SMART SCALE Cost	$9,150,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.3**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

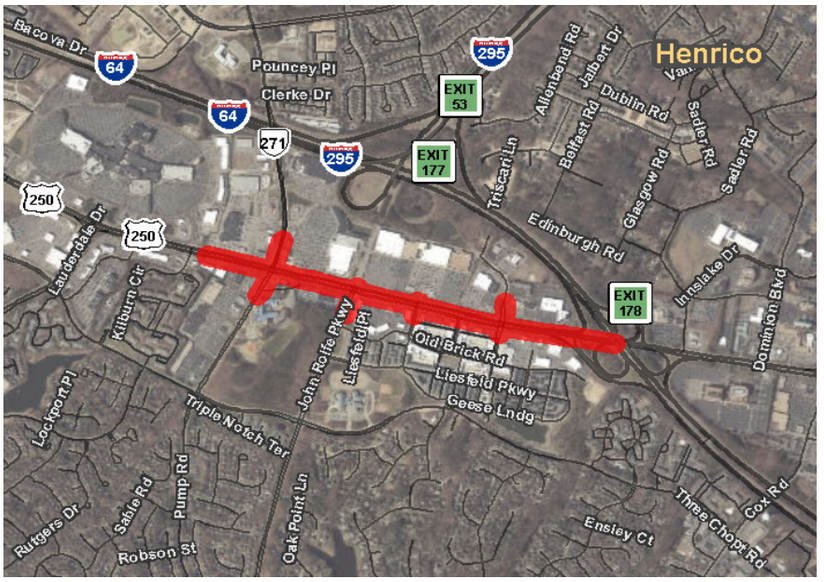
For more information on how to read a scorecard, click here.

W Broad Street Operational Improvements at Short Pump

Project Id: 4260

Operational improvements both eastbound and westbound along W. Broad St (US Route 250) between I-64 eastbound off-ramp and Pouncey Tract Rd.

Submitting Entity: Henrico County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: CoSS
(click here for details)



2.6
SMART SCALE SCORE

#166 OF 433 STATEWIDE

#37 OF 79 DISTRICTWIDE

SMART SCALE Requested Funds..... **$11,834,500**
Total Project Cost..... **$11,834,500**
Project Benefit..... **3.1**
Project Benefit / Total Cost..... **2.6**

SMART SCALE Area Type B														
Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	7.0 persons	24.7 person hrs.	55.8 EPDO	308.1 EPDO / 100M VMT	30.7 jobs per resident	33.3 jobs per resident	35.0 adjusted users	841,226.8 thousand adj sq. ft.	22,545.4 thousand adj daily tons	109,471,028.7 adj. buffer time index	21.0 adjusted points	2.5 scaled points	37,765.4 access * pop/emp density.h	8,243.1 access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.4	16.0	0.6	0.5	0.6	0.1	4.3	0.5	2.5	0.1	7.7	2.9	2.3
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.2		8.3		0.5			3.2			3.9		2.7	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%		10%	
Weighted Factor Value	0.0		1.7		0.1			0.6			0.4		0.3	
Project Benefit	3.1													
SMART SCALE Cost	$11,834,500													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**2.6**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

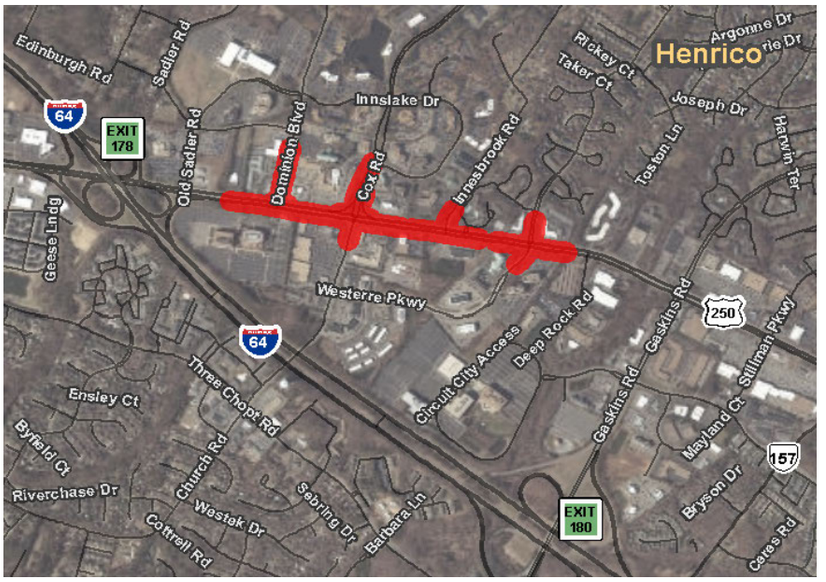
For more information on how to read a scorecard, click here.

W Broad Street Intersection Improvements at Dominion and Cox

Project Id: 4893

Intersection and access management improvements along W Broad Street at Dominion Boulevard, Cox Road, and Innesbrook Road in Henrico County. New sidewalks along Cox Road and Dominion Boulevard.

Submitting Entity: Henrico County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: CoSS
(click here for details)



1.9 SMART SCALE SCORE		
	#217 OF 433 STATEWIDE	SMART SCALE Requested Funds..... **$14,462,000**
	#43 OF 79 DISTRICTWIDE	Total Project Cost..... **$14,462,000**
		Project Benefit..... **2.7**
		Project Benefit / Total Cost..... **1.9**

SMART SCALE Area Type B														
Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	70.5 persons	0.0 person hrs.	39.8 EPDO	299.8 EPDO / 100M VMT	26.6 jobs per resident	14.7 jobs per resident	352.4 adjusted users	759,840.8 thousand adj sq. ft.	0.0 thousand adj daily tons	143,662,709.7 adj. buffer time index	0.0 adjusted points	2.2 scaled points	62,031.9 access * pop/emp density.h	11,389.9 access * pop/emp density change.
Normalized Measure Value (0-100)	0.2	0.0	11.4	0.6	0.5	0.3	1.3	3.9	0.0	3.3	0.0	6.7	4.7	3.2
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.1		6.0		0.6			3.0			3.4		4.2	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%		10%	
Weighted Factor Value	0.0		1.2		0.1			0.6			0.3		0.4	
Project Benefit	2.7													
SMART SCALE Cost	$14,462,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.9**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

Cedar Level Road Southern Segment

Project Id: 3724

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.

Submitting Entity: Hopewell City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Safety
(click here for details)

0.1 SMART SCALE SCORE			SMART SCALE Requested Funds.....	**$11,235,912**
	#416	OF 433 STATEWIDE	Total Project Cost.....	**$11,235,912**
	#77	OF 79 DISTRICTWIDE	Project Benefit.....	**0.1**
			Project Benefit / Total Cost.....	**0.1**

SMART SCALE Area Type C

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	8.3 persons	0.7 person hrs.	1.4 EPDO	82.7 EPDO / 100M VMT	7.2 jobs per resident	0.9 jobs per resident	24.9 adjusted users	0.0 thousand adj sq. ft.	738.6 thousand adj daily tons	804,081.1 adj. buffer time index	33.2 adjusted points	0.1 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	0.4	0.2	0.1	0.0	0.1	0.0	0.0	0.0	0.2	0.3		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.0		0.3		0.1			0.0			0.3			
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	$11,235,912													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.1**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

Courthouse Road Pedestrian Improvements

Project Id: 3727

Add pedestrian accommodations and drainage improvements along Courthouse Road from Ashland to Berry St and Berry St from Courthouse Road to Arlington Road.

Submitting Entity: Hopewell City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Safety
(click here for details)

1.0 SMART SCALE SCORE		
	#294 OF 433 STATEWIDE	SMART SCALE Requested Funds..... **$8,860,000**
	#57 OF 79 DISTRICTWIDE	Total Project Cost..... **$8,860,000**
		Project Benefit..... **0.9**
		Project Benefit / Total Cost..... **1.0**

SMART SCALE Area Type C														
Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	6.5 persons	0.0 person hrs.	17.4 EPDO	580.8 EPDO / 100M VMT	3.3 jobs per resident	1.8 jobs per resident	32.6 adjusted users	0.0 thousand adj sq. ft.	0.0 thousand adj daily tons	0.0 adj. buffer time index	0.0 adjusted points	0.7 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	5.0	1.2	0.1	0.0	0.1	0.0	0.0	0.0	0.0	2.2		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.0		3.1		0.1			0.0			1.1			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%		N/A	
Weighted Factor Value	0.0		0.8		0.0			0.0			0.1			
Project Benefit	0.9													
SMART SCALE Cost	$8,860,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.0**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

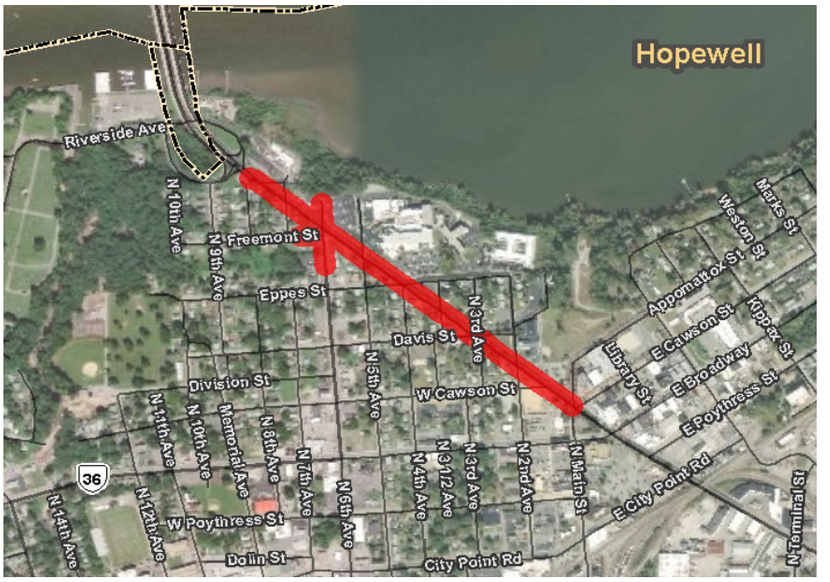
For more information on how to read a scorecard, click here.

W Randolph Rd & N 6th Ave Intersection Improvements

Project Id: 4258

Improve safety of intersection by closing Freemont St leg of intersection and installing sidewalk, ADA ramps and pedestrian signals.

Submitting Entity: Hopewell City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Safety
(click here for details)



1.9
SMART SCALE SCORE

#219 OF 433 STATEWIDE

#44 OF 79 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$1,973,000**
Total Project Cost.....	**$1,973,000**
Project Benefit.....	**0.4**
Project Benefit / Total Cost.....	**1.9**

SMART SCALE Area Type C

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	29.1 persons	0.2 person hrs.	3.5 EPDO	586.3 EPDO / 100M VMT	0.1 jobs per resident	0.1 jobs per resident	87.4 adjusted users	0.0 thousand adj sq. ft.	0.0 thousand adj daily tons	853,676.3 adj. buffer time index	116.5 adjusted points	0.2 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.1	0.0	1.0	1.2	0.0	0.0	0.3	0.0	0.0	0.0	0.8	0.6		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.1		1.1		0.1			0.0			0.7			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%		N/A	
Weighted Factor Value	0.0		0.3		0.0			0.0			0.1			
Project Benefit	0.4													
SMART SCALE Cost	$1,973,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.9**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT · DRPT · Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

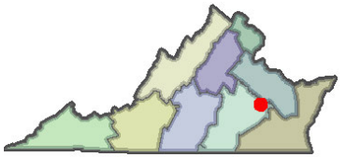
For more information on how to read a scorecard, click here.

Route 106 at I-64 Overpass and Intersection Improvements

Project Id: 3490

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.

Submitting Entity: New Kent County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: Regional Network
(click here for details)



0.8
SMART SCALE SCORE

#317 OF 433 STATEWIDE

#62 OF 79 DISTRICTWIDE

SMART SCALE Requested Funds..... **$16,407,950**
Total Project Cost..... **$16,407,950**
Project Benefit..... **1.2**
Project Benefit / Total Cost..... **0.8**

SMART SCALE Area Type B

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	1.0 person hrs.	0.0 EPDO	0.0 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	1,574,465.1 thousand adj sq. ft.	0.0 thousand adj daily tons	9,239.0 adj. buffer time index	357.0 adjusted points	1.0 scaled points	72.6 access * pop/emp density.h	17.4 access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0	0.0	2.5	3.1	0.0	0.0
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.0		0.0		0.0			4.8			2.8		0.0	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%		10%	
Weighted Factor Value	0.0		0.0		0.0			1.0			0.3		0.0	
Project Benefit	1.2													
SMART SCALE Cost	$16,407,950													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.8**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

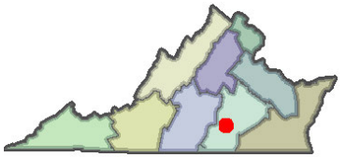
For more information on how to read a scorecard, click here.

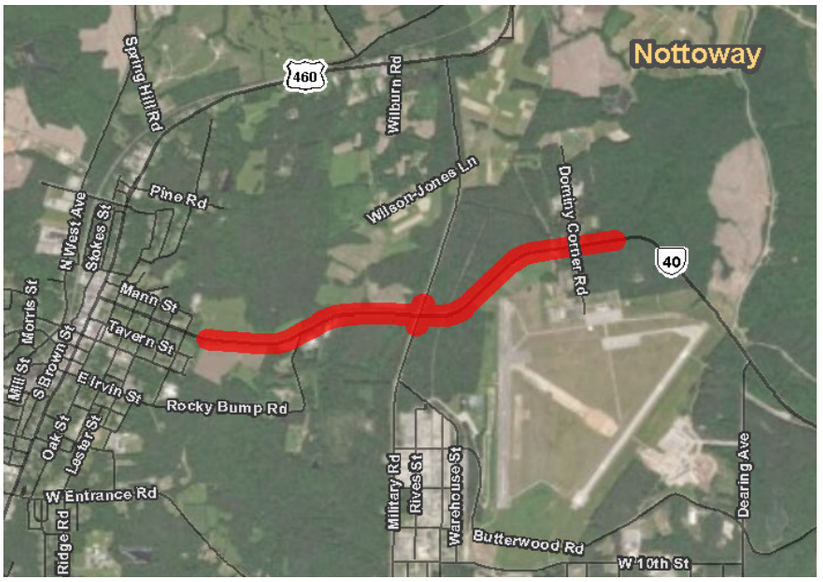
Roundabout for Darvills Rd. (VA 40) at Military Rd.

Project Id: 4584

Construct a one lane roundabout at Darvis Mill and Military Rd

Submitting Entity: Nottoway County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Safety
(click here for details)





26.9
SMART SCALE SCORE

#12 OF 433 STATEWIDE

#2 OF 79 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$7,267,500**
Total Project Cost.....	**$7,267,500**
Project Benefit.....	**19.6**
Project Benefit / Total Cost.....	**26.9**

SMART SCALE Area Type D

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	0.6 person hrs.	48.8 EPDO	48,451.2 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	0.0 thousand adj sq. ft.	0.0 thousand adj daily tons	145,036.5 adj. buffer time index	88.0 adjusted points	16.1 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	14.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	48.7		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.0		57.0		0.0			0.0			24.6			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%		N/A	
Weighted Factor Value	0.0		17.1		0.0			0.0			2.5			
Project Benefit	19.6													
SMART SCALE Cost	$7,267,500													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**26.9**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

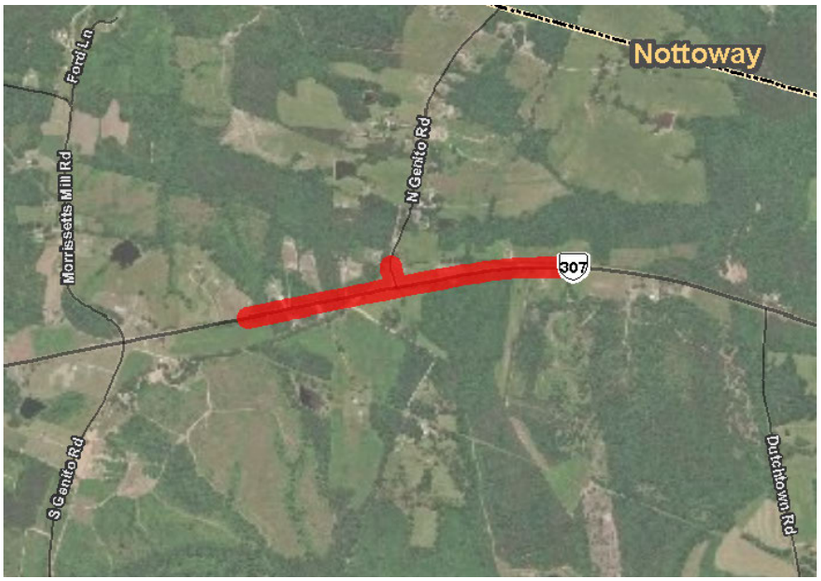
For more information on how to read a scorecard, click here.

Rt 307 left turn lane at Rt 616

Project Id: 4645

Rt 307 construct left turn lane at Rt 616

Submitting Entity:	Nottoway County
Preliminary Engineering:	Not Started
Right of Way:	Not Started
Construction:	Not Started
Eligible Fund Program:	District Grant
VTRANS Need:	Safety (click here for details)



2.3
SMART SCALE SCORE

#188 OF 433 STATEWIDE

#40 OF 79 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$3,069,000**
Total Project Cost.....	**$3,069,000**
Project Benefit.....	**0.7**
Project Benefit / Total Cost.....	**2.3**

SMART SCALE Area Type D

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	0.0 person hrs.	9.5 EPDO	664.5 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	0.0 thousand adj sq. ft.	0.0 thousand adj daily tons	0.0 adj. buffer time index	0.0 adjusted points	0.5 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	2.7	1.4	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	N/A
Factor Value	0.0		2.0		0.0			0.0			0.8			
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	0.7													
SMART SCALE Cost	$3,069,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**2.3**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

Intersection Improvements at Burke's Tavern Rd at Rt. 360

Project Id: 4743

Construct R-CUT at the end of Burkes Tavern Rd at Rt. 360

Submitting Entity: Nottoway County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Safety
(click here for details)

4.1
SMART SCALE SCORE

#115 OF 433 STATEWIDE

#26 OF 79 DISTRICTWIDE

SMART SCALE Requested Funds..... **$1,435,200**
Total Project Cost..... **$1,435,200**
Project Benefit..... **0.6**
Project Benefit / Total Cost..... **4.1**

SMART SCALE Area Type D

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	0.0 person hrs.	2.2 EPDO	1,355.5 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	0.0 thousand adj sq. ft.	0.0 thousand adj daily tons	25,967.6 adj. buffer time index	0.0 adjusted points	0.5 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	0.6	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.0		1.7		0.0			0.0			0.7			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%		N/A	
Weighted Factor Value	0.0		0.5		0.0			0.0			0.1			
Project Benefit	0.6													
SMART SCALE Cost	$1,435,200													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**4.1**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

Construct R-CUT at the end Lewistown Plank Rd at 460

Project Id: 4880

Construct R-CUT at the end of Lewistown Plank Rd at 460

Submitting Entity:	Nottoway County
Preliminary Engineering:	Not Started
Right of Way:	Not Started
Construction:	Not Started
Eligible Fund Program:	District Grant
VTRANS Need:	Safety (click here for details)

10.1
SMART SCALE SCORE

#36 OF 433 STATEWIDE

#8 OF 79 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$3,364,437**
Total Project Cost.....	**$3,364,437**
Project Benefit.....	**3.4**
Project Benefit / Total Cost.....	**10.1**

SMART SCALE Area Type D

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	0.0 person hrs.	35.8 EPDO	4,765.3 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	0.0 thousand adj sq. ft.	0.0 thousand adj daily tons	360,100.7 adj. buffer time index	0.0 adjusted points	2.5 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	10.3	9.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.6		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.0		10.0		0.0			0.0			3.8			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%		N/A	
Weighted Factor Value	0.0		3.0		0.0			0.0			0.4			
Project Benefit	3.4													
SMART SCALE Cost	$3,364,437													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**10.1**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

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

Project Id: 5035

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.

Submitting Entity: Petersburg City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: CoSS
(click here for details)

0.8
SMART SCALE SCORE

#315 OF 433 STATEWIDE

#61 OF 79 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$40,026,162**
Total Project Cost.....	**$40,026,162**
Project Benefit.....	**3.1**
Project Benefit / Total Cost.....	**0.8**

SMART SCALE Area Type C

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	171.3 persons	75.2 person hrs.	48.1 EPDO	4.9 EPDO / 100M VMT	94.1 jobs per resident	107.1 jobs per resident	301.2 adjusted users	61,520.3 thousand adj sq. ft.	13,289.4 thousand adj daily tons	12,617,961.0 adj. buffer time index	1,956.7 adjusted points	0.6 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.6	1.2	13.8	0.0	1.7	1.9	1.1	0.3	0.3	0.3	13.8	1.7		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.9		6.9		1.6			0.3			7.7			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%		N/A	
Weighted Factor Value	0.1		1.7		0.4			0.1			0.8			
Project Benefit	3.1													
SMART SCALE Cost	$40,026,162													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.8**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT · DRPT · Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

I-95 and South Crater Road-MPO HB2 Priority #2

Project Id: 5065

Reconstruct the I-95 NB on-ramp merge from Route 460 (Winfield Rd) to ensure adequate weave distances, merging distances, safety and operations.

Submitting Entity: Petersburg City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: CoSS
(click here for details)

0.3
SMART SCALE SCORE

#385 OF 433 STATEWIDE

#73 OF 79 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$23,381,673**
Total Project Cost.....	**$23,381,673**
Project Benefit.....	**0.7**
Project Benefit / Total Cost.....	**0.3**

SMART SCALE Area Type C

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	0.3 person hrs.	0.0 EPDO	0.0 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	458,185.1 thousand adj sq. ft.	5,252.1 thousand adj daily tons	2,444,595.5 adj. buffer time index	698.0 adjusted points	0.4 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	0.1	0.1	4.9	1.2		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.0		0.0		0.0			1.4			3.1			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%		N/A	
Weighted Factor Value	0.0		0.0		0.0			0.4			0.3			
Project Benefit	0.7													
SMART SCALE Cost	$23,381,673													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.3**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

Dorset Road & Route 60

Project Id: 3996

Re-alignment and additional lanes would be constructed on Dorset Road (Rt. 622) at its intersection with Anderson Highway (Rt. 60) to address issues with stacking at the intersection, as well as the off-angled alignment.

Submitting Entity: Powhatan County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Urban Development Area
(click here for details)

4.2
SMART SCALE SCORE

#114 OF 433 STATEWIDE

#25 OF 79 DISTRICTWIDE

SMART SCALE Requested Funds..... **$4,422,750**
Total Project Cost..... **$4,422,750**
Project Benefit..... **1.8**
Project Benefit / Total Cost..... **4.2**

SMART SCALE Area Type B

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	0.2 person hrs.	34.0 EPDO	1,751.6 EPDO / 100M VMT	0.1 jobs per resident	0.0 jobs per resident	0.0 adjusted users	337,466.7 thousand adj sq. ft.	71,286.1 thousand adj daily tons	5,841,750.5 adj. buffer time index	0.0 adjusted points	1.5 scaled points	662.2 access * pop/emp density.h	207.5 access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	9.7	3.6	0.0	0.0	0.0	1.7	1.5	0.1	0.0	4.6	0.0	0.1
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.0		6.7		0.0			1.4			2.3		0.1	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%		10%	
Weighted Factor Value	0.0		1.3		0.0			0.3			0.2		0.0	
Project Benefit	1.8													
SMART SCALE Cost	$4,422,750													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**4.2**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

Jude's Ferry Road & Route 60

Project Id: 4001

An additional turn lane would be constructed on Anderson Highway (Rt. 60) at its intersection with Jude's Ferry Road (Rt. 613) as well as an additional lane constructed along Jude's Ferry Road from Rt. 60 to Batterson Road (Rt. 677).

Submitting Entity: Powhatan County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Urban Development Area
(click here for details)

7.1
SMART SCALE SCORE

#61 OF 433 STATEWIDE

#15 OF 79 DISTRICTWIDE

SMART SCALE Requested Funds..... **$2,471,870**
Total Project Cost..... **$2,471,870**
Project Benefit..... **1.7**
Project Benefit / Total Cost..... **7.1**

SMART SCALE Area Type B

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	0.8 person hrs.	23.5 EPDO	860.1 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	1,087,585.6 thousand adj sq. ft.	553.0 thousand adj daily tons	8,277,183.4 adj. buffer time index	0.0 adjusted points	1.4 scaled points	648.4 access * pop/emp density.h	218.9 access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	6.7	1.8	0.0	0.0	0.0	5.5	0.0	0.2	0.0	4.4	0.0	0.1
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.0		4.3		0.0			3.4			2.2		0.1	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%		10%	
Weighted Factor Value	0.0		0.9		0.0			0.7			0.2		0.0	
Project Benefit	1.7													
SMART SCALE Cost	$2,471,870													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**7.1**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

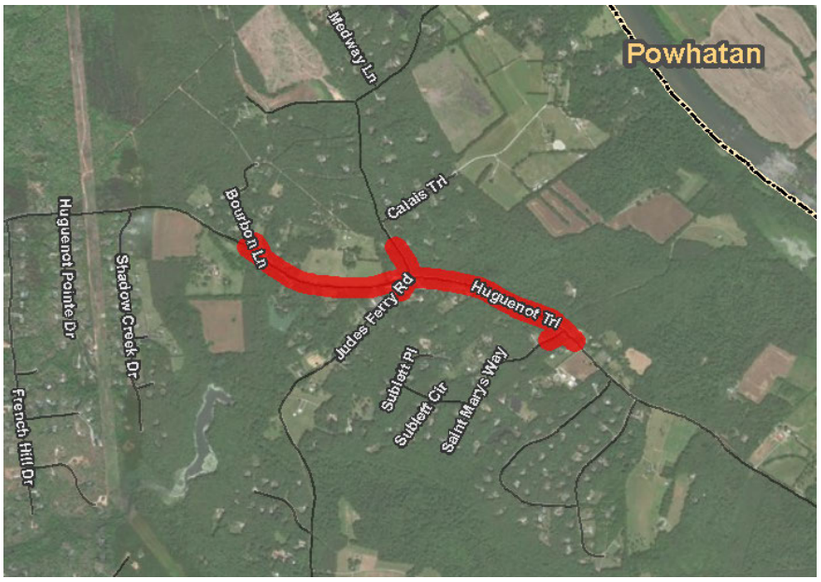
For more information on how to read a scorecard, click here.

Jude's Ferry Road & Route 711

Project Id: 4006

Improvements to the intersection of Jude's Ferry Road and Huguenot Trail (Rt. 711). Also improvements to Huguenot Trail from Jude's Ferry west to Bourbon Lane (Rt. 664) and east to St. Mary's Way (Rt. 1270) which would include widening.

Submitting Entity: Powhatan County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Safety
(click here for details)



1.1
SMART SCALE SCORE

#283 OF 433 STATEWIDE

#52 OF 79 DISTRICTWIDE

SMART SCALE Requested Funds..... **$11,603,055**
Total Project Cost..... **$11,603,055**
Project Benefit..... **1.2**
Project Benefit / Total Cost..... **1.1**

SMART SCALE Area Type B														
Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	0.0 person hrs.	24.2 EPDO	1,864.1 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	15,275.2 thousand adj sq. ft.	0.0 thousand adj daily tons	0.0 adj. buffer time index	0.0 adjusted points	1.0 scaled points	2.7 access * pop/emp density.h	0.9 access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	6.9	3.8	0.0	0.0	0.0	0.1	0.0	0.0	0.0	3.0	0.0	0.0
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.0		5.4		0.0			0.0			1.5		0.0	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%		10%	
Weighted Factor Value	0.0		1.1		0.0			0.0			0.2		0.0	
Project Benefit	1.2													
SMART SCALE Cost	$11,603,055													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.1**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT · DRPT · Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

Carter Gallier Phase II

Project Id: 4010

New road construction would connect Carter Gallier Boulevard (Rt. 1343) with Luck Stone Road (Rt. 1351), completing a parallel road to Rt. 60.

Submitting Entity: Powhatan County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Urban Development Area
(click here for details)

3.5
SMART SCALE SCORE

#136 OF 433 STATEWIDE

#29 OF 79 DISTRICTWIDE

SMART SCALE Requested Funds..... **$7,641,557**
Total Project Cost..... **$7,641,557**
Project Benefit..... **2.7**
Project Benefit / Total Cost..... **3.5**

SMART SCALE Area Type B

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	64.7 persons	17.9 person hrs.	8.8 EPDO	89.5 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	3,341,551.7 thousand adj sq. ft.	888.7 thousand adj daily tons	0.0 adj. buffer time index	0.0 adjusted points	2.2 scaled points	364.4 access * pop/emp density.h	143.8 access * pop/emp density change.
Normalized Measure Value (0-100)	0.2	0.3	2.5	0.2	0.0	0.0	0.0	17.0	0.0	0.0	0.0	6.6	0.0	0.0
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.3		1.4		0.0			10.2			3.3		0.0	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%		10%	
Weighted Factor Value	0.0		0.3		0.0			2.0			0.3		0.0	
Project Benefit	2.7													
SMART SCALE Cost	$7,641,557													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**3.5**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

Roundabout at Middle Road(Rt 646) & Jefferson Park Rd (630)

Project Id: 3922

Construct a one-lane Roundabout at Middle Road (Route 646) and Jefferson Park Road (Route 630) intersection

Submitting Entity: Prince George County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Safety
(click here for details)

1.3
SMART SCALE SCORE

#257 OF 433 STATEWIDE

#48 OF 79 DISTRICTWIDE

SMART SCALE Requested Funds..... **$3,123,344**
Total Project Cost..... **$4,058,312**
Project Benefit..... **0.4**
Project Benefit / Total Cost..... **1.0**

SMART SCALE Area Type C

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	0.7 person hrs.	4.0 EPDO	451.5 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	147,557.6 thousand adj sq. ft.	0.0 thousand adj daily tons	194,917.8 adj. buffer time index	0.0 adjusted points	0.3 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	1.1	0.9	0.0	0.0	0.0	0.8	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	N/A
Factor Value	0.0		1.0		0.0			0.5			0.4			
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	$3,123,344													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.3**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

Roundabout at Middle Road and Prince George Drive

Project Id: 3923

Construction of a single lane Roundabout at Middle Road (Route 646) and Prince George Drive (Route 156) to eliminate poor sight distance and decreasing the number of vehicle conflict points.

Submitting Entity: Prince George County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Safety
(click here for details)

6.9
SMART SCALE SCORE

#63 OF 433 STATEWIDE

#16 OF 79 DISTRICTWIDE

SMART SCALE Requested Funds..... **$4,530,105**
Total Project Cost..... **$4,530,105**
Project Benefit..... **3.1**
Project Benefit / Total Cost..... **6.9**

SMART SCALE Area Type C

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	0.6 person hrs.	23.2 EPDO	7,330.5 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	0.0 thousand adj sq. ft.	0.0 thousand adj daily tons	354,466.6 adj. buffer time index	0.0 adjusted points	2.6 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	6.7	15.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.8		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.0		10.9		0.0			0.0			3.9			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%		N/A	
Weighted Factor Value	0.0		2.7		0.0			0.0			0.4			
Project Benefit	3.1													
SMART SCALE Cost	$4,530,105													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**6.9**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

Intersection Improvements at Route 460 & Queen Street

Project Id: 3924

Construct eastbound left-turn lane along Route 460 turning North onto Route 618 (Queen Street)

Submitting Entity: Prince George County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: Regional Network
(click here for details)

1.0
SMART SCALE SCORE

#291 OF 433 STATEWIDE

#55 OF 79 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$3,469,550**
Total Project Cost.....	**$3,469,550**
Project Benefit.....	**0.4**
Project Benefit / Total Cost.....	**1.0**

SMART SCALE Area Type C

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	0.0 person hrs.	0.9 EPDO	196.5 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	85,580.8 thousand adj sq. ft.	0.0 thousand adj daily tons	201,508.6 adj. buffer time index	471.0 adjusted points	0.3 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	0.3	0.4	0.0	0.0	0.0	0.4	0.0	0.0	3.3	0.9		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.0		0.3		0.0			0.3			2.1			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%		N/A	
Weighted Factor Value	0.0		0.1		0.0			0.1			0.2			
Project Benefit	0.4													
SMART SCALE Cost	$3,469,550													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.0**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

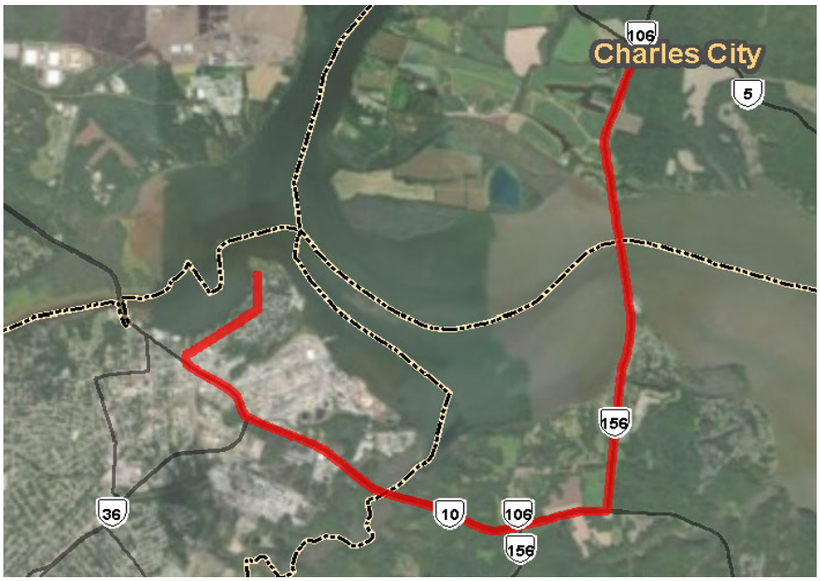
For more information on how to read a scorecard, click here.

Lower Appomattox River Trail

Project Id: 3925

Provide Lower Appomattox River Trail link to the Capital Trail via a shuttle bus

Submitting Entity: Prince George County
Preliminary Engineering: Not Needed
Right of Way: Not Needed
Construction: Not Needed
Eligible Fund Program: Both
VTRANS Need: Regional Network
(click here for details)



31.6
SMART SCALE SCORE

#9 OF 433 STATEWIDE

#1 OF 79 DISTRICTWIDE

SMART SCALE Requested Funds..... **$44,000**
Total Project Cost..... **$44,000**
Project Benefit..... **0.1**
Project Benefit / Total Cost..... **31.6**

SMART SCALE Area Type B

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	12.0 persons	0.0 person hrs.	0.0 EPDO	0.0 EPDO / 100M VMT	20.6 jobs per resident	53.5 jobs per resident	60.0 adjusted users	0.0 thousand adj sq. ft.	0.0 thousand adj daily tons	727,438.3 adj. buffer time index	0.0 adjusted points	0.1 scaled points	1,691.1 access * pop/emp density.h	129.9 access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	0.0	0.0	0.4	0.9	0.2	0.0	0.0	0.0	0.0	0.3	0.1	0.0
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.0		0.0		0.4			0.0			0.1		0.1	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%		10%	
Weighted Factor Value	0.0		0.0		0.1			0.0			0.0		0.0	
Project Benefit	0.1													
SMART SCALE Cost	$44,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**31.6**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

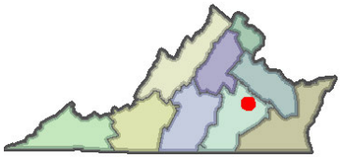
For more information on how to read a scorecard, click here.

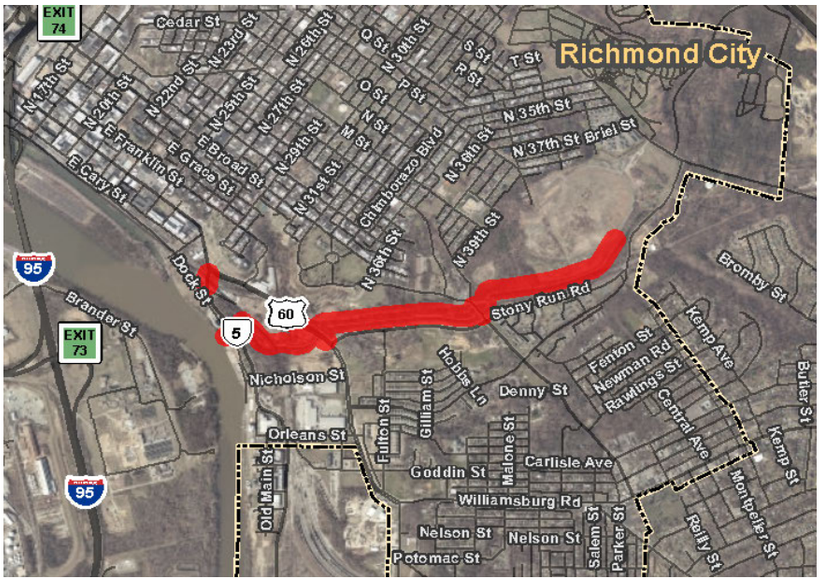
A - Gillies Creek Greenway

Project Id: 3424

This application builds the portion of Gillies Creek Greenway shared use path from the Virginia Capital Trail to Williamsburg Rd and provides bike, ped & transit access, improves major crossings, and links major developments.

Submitting Entity:	Richmond City
Preliminary Engineering:	Not Started
Right of Way:	Not Started
Construction:	Not Started
Eligible Fund Program:	Both
VTRANS Need:	Regional Network (click here for details)





2.7
SMART SCALE SCORE

#164 OF 433 STATEWIDE

#36 OF 79 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$4,344,000**
Total Project Cost.....	**$4,344,000**
Project Benefit.....	**1.2**
Project Benefit / Total Cost.....	**2.7**

SMART SCALE Area Type B

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	63.0 persons	0.0 person hrs.	0.1 EPDO	7.9 EPDO / 100M VMT	4.3 jobs per resident	6.2 jobs per resident	315.0 adjusted users	0.0 thousand adj sq. ft.	0.0 thousand adj daily tons	334,591.5 adj. buffer time index	0.0 adjusted points	0.9 scaled points	143,354.5 access * pop/emp density.h	22,373.9 access * pop/emp density change.
Normalized Measure Value (0-100)	0.2	0.0	0.0	0.0	0.1	0.1	1.1	0.0	0.0	0.0	0.0	2.6	10.8	6.3
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.1		0.0		0.3			0.0			1.3		9.5	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%		10%	
Weighted Factor Value	0.0		0.0		0.1			0.0			0.1		0.9	
Project Benefit	1.2													
SMART SCALE Cost	$4,344,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**2.7**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

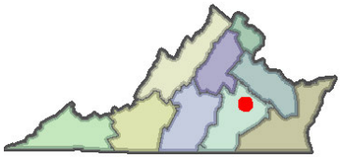
For more information on how to read a scorecard, click here.

B James River Branch - Rail to Trail Greenway

Project Id: 3425

The James River Branch Trail is a proposed 2-mile shared-use path along CSX ROW in Richmond, VA. The path would connect neighborhoods, schools, businesses, and parks. It extends from Forest View neighborhood to George Wythe HS to McGuire VA Hospital.

Submitting Entity: Richmond City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: Regional Network
(click here for details)



1.0
SMART SCALE SCORE

#290 OF 433 STATEWIDE

#54 OF 79 DISTRICTWIDE

SMART SCALE Requested Funds..... **$11,020,605**
Total Project Cost..... **$11,020,605**
Project Benefit..... **1.1**
Project Benefit / Total Cost..... **1.0**

SMART SCALE Area Type B

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	26.6 persons	0.0 person hrs.	2.2 EPDO	148.9 EPDO / 100M VMT	29.0 jobs per resident	32.6 jobs per resident	132.9 adjusted users	0.0 thousand adj sq. ft.	0.0 thousand adj daily tons	0.0 adj. buffer time index	0.0 adjusted points	0.9 scaled points	117,831.3 access * pop/emp density.h	17,271.7 access * pop/emp density change.
Normalized Measure Value (0-100)	0.1	0.0	0.6	0.3	0.5	0.6	0.5	0.0	0.0	0.0	0.0	2.9	8.9	4.9
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.0		0.5		0.5			0.0			1.4		7.7	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%		10%	
Weighted Factor Value	0.0		0.1		0.1			0.0			0.1		0.8	
Project Benefit	1.1													
SMART SCALE Cost	$11,020,605													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.0**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

C US360 Hull Street Phase III

Project Id: 3426

This project will reconstruct the typical section of Hull Street between Warwick Road and Arizona Drive by providing 2 lanes in each direction, a raised median, dedicated turn lanes, pedestrian accommodations, and a shared-use path.

Submitting Entity: Richmond City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: Regional Network
(click here for details)

1.6
SMART SCALE SCORE

#237 OF 433 STATEWIDE

#45 OF 79 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$11,664,209**
Total Project Cost.....	**$11,664,209**
Project Benefit.....	**1.9**
Project Benefit / Total Cost.....	**1.6**

SMART SCALE Area Type B

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	44.3 persons	0.0 person hrs.	29.0 EPDO	410.5 EPDO / 100M VMT	51.5 jobs per resident	73.1 jobs per resident	221.7 adjusted users	0.0 thousand adj sq. ft.	0.0 thousand adj daily tons	33,195,352.5 adj. buffer time index	0.0 adjusted points	1.5 scaled points	74,441.7 access * pop/emp density.h	9,694.0 access * pop/emp density change.
Normalized Measure Value (0-100)	0.2	0.0	8.3	0.8	0.9	1.3	0.8	0.0	0.0	0.8	0.0	4.5	5.6	2.7
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.1		4.6		1.0			0.2			2.2		4.8	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%		10%	
Weighted Factor Value	0.0		0.9		0.2			0.0			0.2		0.5	
Project Benefit	1.9													
SMART SCALE Cost	$11,664,209													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.6**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

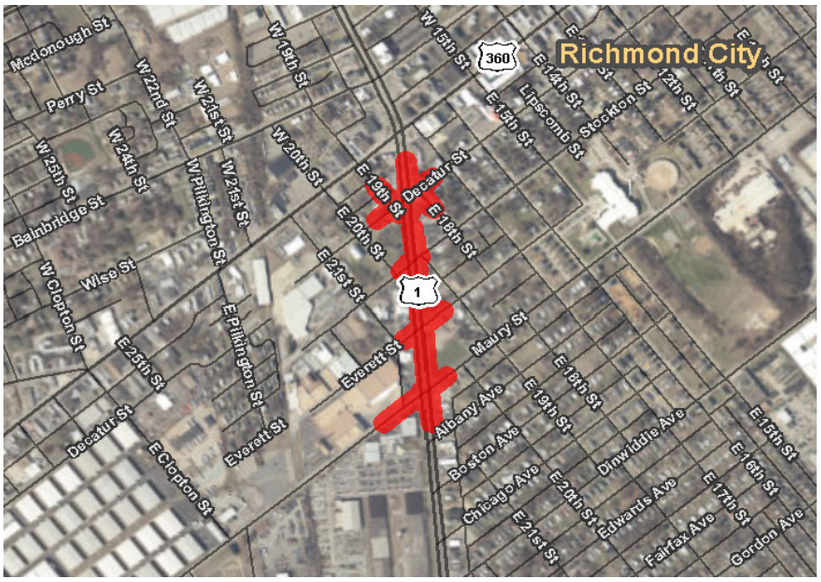
For more information on how to read a scorecard, click here.

D US1/US301 Freight Corridor Improvements

Project Id: 3427

This project will reconstruct the typical section of US 1 between Maury Street and Decatur Street by providing dedicated turn lanes and pedestrian accommodations to improve access management and operations.

Submitting Entity: Richmond City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: CoSS
(click here for details)



2.0
SMART SCALE SCORE

#206 OF 433 STATEWIDE

#41 OF 79 DISTRICTWIDE

SMART SCALE Requested Funds..... **$14,647,217**
Total Project Cost..... **$14,647,217**
Project Benefit..... **2.9**
Project Benefit / Total Cost..... **2.0**

SMART SCALE Area Type B														
Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	28.1 persons	5.8 person hrs.	19.7 EPDO	752.6 EPDO / 100M VMT	7.7 jobs per resident	16.4 jobs per resident	140.5 adjusted users	17,270.4 thousand adj sq. ft.	34,738.9 thousand adj daily tons	19,896,582.0 adj. buffer time index	98.4 adjusted points	2.0 scaled points	270,333.9 access * pop/emp density.h	36,337.1 access * pop/emp density change.
Normalized Measure Value (0-100)	0.1	0.1	5.6	1.6	0.1	0.3	0.5	0.1	0.7	0.5	0.7	6.2	20.4	10.3
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.1		3.6		0.2			0.3			3.4		17.4	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%		10%	
Weighted Factor Value	0.0		0.7		0.1			0.1			0.3		1.7	
Project Benefit	2.9													
SMART SCALE Cost	$14,647,217													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**2.0**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

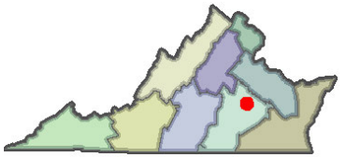
For more information on how to read a scorecard, click here.

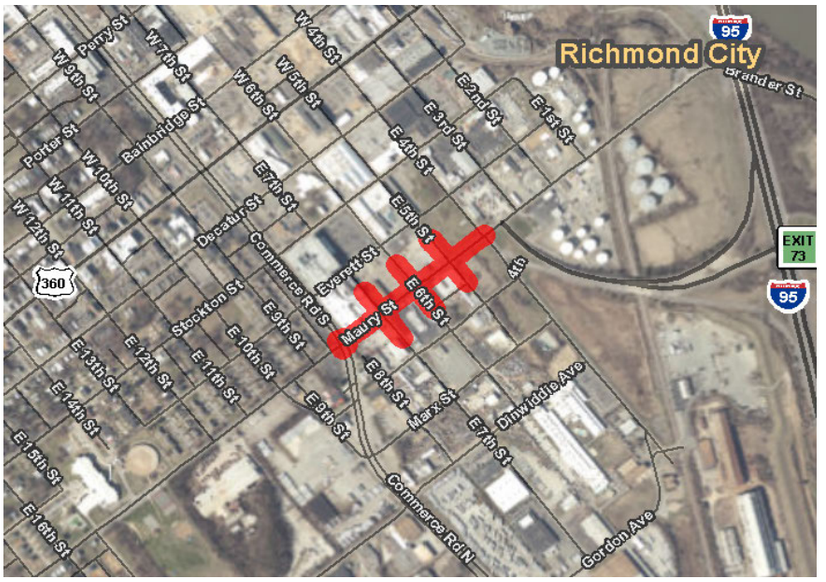
E Maury Street Streetscape Phase II

Project Id: 3428

Complete street and operational/safety improvements to Maury St from the planned and funded I-95 Roundabout Interchange Project gateway feature to Commerce Road, a major principal arterial, for better access to the Richmond Marine Terminal land uses.

Submitting Entity: Richmond City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: Regional Network
(click here for details)





9.2
SMART SCALE SCORE

#41 OF 433 STATEWIDE

#10 OF 79 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$4,618,000**
Total Project Cost.....	**$4,618,000**
Project Benefit.....	**4.2**
Project Benefit / Total Cost.....	**9.2**

SMART SCALE Area Type B

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	19.1 persons	2.0 person hrs.	2.1 EPDO	232.9 EPDO / 100M VMT	27.9 jobs per resident	24.8 jobs per resident	95.7 adjusted users	2,904,392.9 thousand adj sq. ft.	6,264.9 thousand adj daily tons	2,280,081.1 adj. buffer time index	57.4 adjusted points	3.2 scaled points	269,734.3 access * pop/emp density.h	36,673.9 access * pop/emp density change.
Normalized Measure Value (0-100)	0.1	0.0	0.6	0.5	0.5	0.4	0.3	14.8	0.1	0.1	0.4	9.6	20.4	10.4
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.0		0.5		0.4			8.9			5.0		17.4	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%		10%	
Weighted Factor Value	0.0		0.1		0.1			1.8			0.5		1.7	
Project Benefit	4.2													
SMART SCALE Cost	$4,618,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**9.2**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

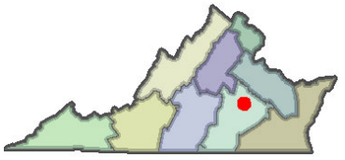
For more information on how to read a scorecard, click here.

F Forest Hill Avenue Phase II Improvements

Project Id: 3429

The Forest Hill Ave Phase II project will provide multimodal safety and operational improvements to the 1mi stretch of Forest Hill Ave from Powhite Pkwy to Dorchester through access management, bike lanes, sidewalks, and other streetscape amenities.

Submitting Entity:	Richmond City
Preliminary Engineering:	Not Started
Right of Way:	Not Started
Construction:	Not Started
Eligible Fund Program:	Both
VTRANS Need:	Regional Network (click here for details)



0.7 SMART SCALE SCORE	**#325**	OF 433 STATEWIDE
	#63	OF 79 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$26,945,000**
Total Project Cost.....	**$26,945,000**
Project Benefit.....	**1.9**
Project Benefit / Total Cost.....	**0.7**

SMART SCALE Area Type B

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	43.1 persons	0.0 person hrs.	11.3 EPDO	169.2 EPDO / 100M VMT	51.8 jobs per resident	21.7 jobs per resident	215.4 adjusted users	0.0 thousand adj sq. ft.	0.0 thousand adj daily tons	5,851,637.1 adj. buffer time index	0.0 adjusted points	1.5 scaled points	173,432.9 access * pop/emp density.h	22,758.5 access * pop/emp density change.
Normalized Measure Value (0-100)	0.2	0.0	3.2	0.3	0.9	0.4	0.8	0.0	0.0	0.1	0.0	4.5	13.1	6.4
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.1		1.8		0.8			0.0			2.3		11.1	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%		10%	
Weighted Factor Value	0.0		0.4		0.2			0.0			0.2		1.1	
Project Benefit	1.9													
SMART SCALE Cost	$26,945,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.7**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

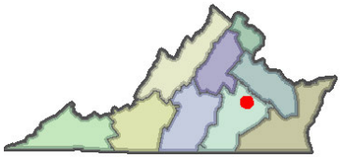
For more information on how to read a scorecard, click here.

G US33 Leigh Street Streetscape Improvements

Project Id: 3430

This project will accommodate people who bike, walk, and use transit on Leigh St between 4th St and the MLK Bridge through access management (medians, lane balance, consolidating entrances), shared use path, sidewalks, and other streetscape amenities

Submitting Entity: Richmond City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: Regional Network
(click here for details)



11.9 SMART SCALE SCORE			SMART SCALE Requested Funds.....	**$6,608,000**
	#27	OF 433 STATEWIDE	Total Project Cost.....	**$6,608,000**
	#5	OF 79 DISTRICTWIDE	Project Benefit.....	**7.9**
			Project Benefit / Total Cost.....	**11.9**

SMART SCALE Area Type B

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	57.8 persons	0.0 person hrs.	22.0 EPDO	987.5 EPDO / 100M VMT	23.1 jobs per resident	31.9 jobs per resident	289.0 adjusted users	7,052,330.0 thousand adj sq. ft.	0.0 thousand adj daily tons	9,312,728.2 adj. buffer time index	0.0 adjusted points	5.2 scaled points	283,255.8 access * pop/emp density.h	33,352.0 access * pop/emp density change.
Normalized Measure Value (0-100)	0.2	0.0	6.3	2.0	0.4	0.6	1.0	35.9	0.0	0.2	0.0	15.7	21.4	9.4
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.1		4.2		0.6			21.6			7.9		17.8	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%		10%	
Weighted Factor Value	0.0		0.8		0.1			4.3			0.8		1.8	
Project Benefit	7.9													
SMART SCALE Cost	$6,608,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**11.9**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT · DRPT · Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

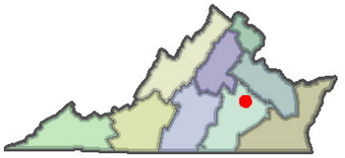
For more information on how to read a scorecard, click here.

H Clay Street Streetscape Improvements

Project Id: 3431

This project will accommodate multimodal users by reconfiguring the typical section of Clay Street for two-way travel, providing access management, and bike and ped on the approximate 1/2-mile corridor along Clay St from Belleville St to N Boulevard.

Submitting Entity: Richmond City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: Regional Network
(click here for details)



5.4
SMART SCALE SCORE

#84 OF 433 STATEWIDE

#18 OF 79 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$5,757,267**
Total Project Cost.....	**$5,757,267**
Project Benefit.....	**3.1**
Project Benefit / Total Cost.....	**5.4**

SMART SCALE Area Type B

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	8.2 persons	0.1 person hrs.	1.7 EPDO	303.2 EPDO / 100M VMT	4.5 jobs per resident	4.8 jobs per resident	40.8 adjusted users	447,872.3 thousand adj sq. ft.	0.0 thousand adj daily tons	933,722.3 adj. buffer time index	40.8 adjusted points	2.3 scaled points	381,532.7 access * pop/emp density.h	39,383.5 access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	0.5	0.6	0.1	0.1	0.1	2.3	0.0	0.0	0.3	6.8	28.8	11.2
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.0		0.5		0.1			1.4			3.6		23.5	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%		10%	
Weighted Factor Value	0.0		0.1		0.0			0.3			0.4		2.4	
Project Benefit	3.1													
SMART SCALE Cost	$5,757,267													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**5.4**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

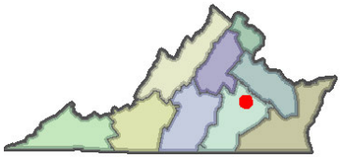
For more information on how to read a scorecard, click here.

I Boulevard Shared Use Path to Science Museum BRT Station

Project Id: 3432

To provide a paved shared use path from the Robinson St BRT Station to Scott's Addition, create a future bridge tie-in connection to the Blvd Econ Development Site, and provide a future connection for residents of Northside to access BRT facilities.

Submitting Entity: Richmond City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: Regional Network
(click here for details)



10.4 SMART SCALE SCORE			
	#34	OF 433 STATEWIDE	
	#7	OF 79 DISTRICTWIDE	

SMART SCALE Requested Funds.....	**$2,992,481**
Total Project Cost.....	**$2,992,481**
Project Benefit.....	**3.1**
Project Benefit / Total Cost.....	**10.4**

SMART SCALE Area Type B

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	25.3 persons	0.0 person hrs.	0.0 EPDO	0.0 EPDO / 100M VMT	6.0 jobs per resident	5.8 jobs per resident	126.7 adjusted users	414,926.8 thousand adj sq. ft.	0.0 thousand adj daily tons	0.0 adj. buffer time index	0.0 adjusted points	2.3 scaled points	398,524.8 access * pop/emp density.h	42,539.1 access * pop/emp density change.
Normalized Measure Value (0-100)	0.1	0.0	0.0	0.0	0.1	0.1	0.5	2.1	0.0	0.0	0.0	6.9	30.1	12.0
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.0		0.0		0.2			1.3			3.4		24.7	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%		10%	
Weighted Factor Value	0.0		0.0		0.0			0.3			0.3		2.5	
Project Benefit	3.1													
SMART SCALE Cost	$2,992,481													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**10.4**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

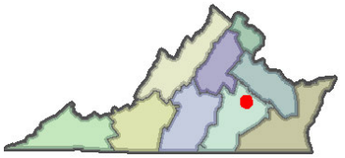
For more information on how to read a scorecard, click here.

J CSX Bridge Replacement for Walking and Biking

Project Id: 3433

This project will create protected bike and pedestrian connections by enhancing a new load path redundant structure along Lombardy Street from Leigh St, north of the Pulse BRT Station, to Virginia Union University and Northside communities.

Submitting Entity: Richmond City
Preliminary Engineering: Underway
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: Regional Network
(click here for details)



4.9 SMART SCALE SCORE			
	#96	OF 433 STATEWIDE	
	#19	OF 79 DISTRICTWIDE	

SMART SCALE Requested Funds.....	**$5,713,000**
Total Project Cost.....	**$13,613,000**
Project Benefit.....	**2.8**
Project Benefit / Total Cost.....	**2.0**

SMART SCALE Area Type B

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	8.6 persons	0.0 person hrs.	0.9 EPDO	207.2 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	42.8 adjusted users	0.0 thousand adj sq. ft.	0.0 thousand adj daily tons	0.0 adj. buffer time index	0.0 adjusted points	2.1 scaled points	390,148.4 access * pop/emp density.h	38,223.8 access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	0.2	0.4	0.0	0.0	0.2	0.0	0.0	0.0	0.0	6.3	29.4	10.8
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.0		0.3		0.0			0.0			3.2		23.9	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%		10%	
Weighted Factor Value	0.0		0.1		0.0			0.0			0.3		2.4	
Project Benefit	2.8													
SMART SCALE Cost	$5,713,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**4.9**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

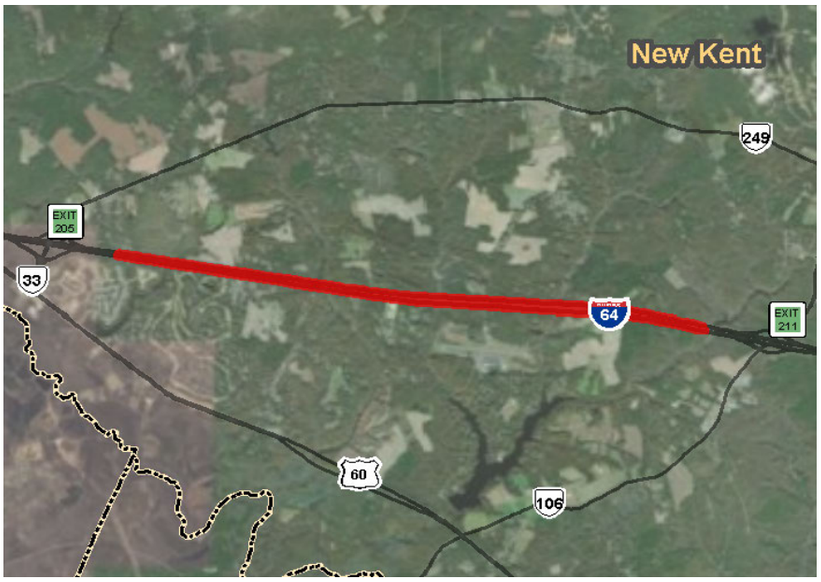
For more information on how to read a scorecard, click here.

I-64 Widening (Exit 205 Bottoms Bridge to Exit 211 Rte. 106)

Project Id: 3565

Widen I-64 from 4-Lanes to 6-Lanes (inside, both directions) exit 205-211

Submitting Entity:	Richmond Regional Transportation Planning Organization
Preliminary Engineering:	Not Started
Right of Way:	Not Started
Construction:	Not Started
Eligible Fund Program:	Statewide High Priority
VTRANS Need:	Regional Network (click here for details)



0.9
SMART SCALE SCORE

#301 OF 433 STATEWIDE

#58 OF 79 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$100,107,000**
Total Project Cost.....	**$100,107,000**
Project Benefit.....	**8.9**
Project Benefit / Total Cost.....	**0.9**

SMART SCALE Area Type B

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	517.8 persons	142.8 person hrs.	75.9 EPDO	33.3 EPDO / 100M VMT	12.1 jobs per resident	8.5 jobs per resident	0.0 adjusted users	5,336,074.9 thousand adj sq. ft.	2,336,111.2 thousand adj daily tons	328,177,076.0 adj. buffer time index	0.0 adjusted points	5.8 scaled points	150.4 access * pop/emp density.h	50.1 access * pop/emp density change.
Normalized Measure Value (0-100)	1.8	2.2	21.8	0.1	0.2	0.1	0.0	27.2	49.5	7.5	0.0	17.6	0.0	0.0
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	2.0		10.9		0.2			27.7			8.8		0.0	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%		10%	
Weighted Factor Value	0.3		2.2		0.0			5.5			0.9		0.0	
Project Benefit	8.9													
SMART SCALE Cost	$100,107,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.9**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

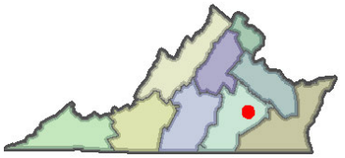
For more information on how to read a scorecard, click here.

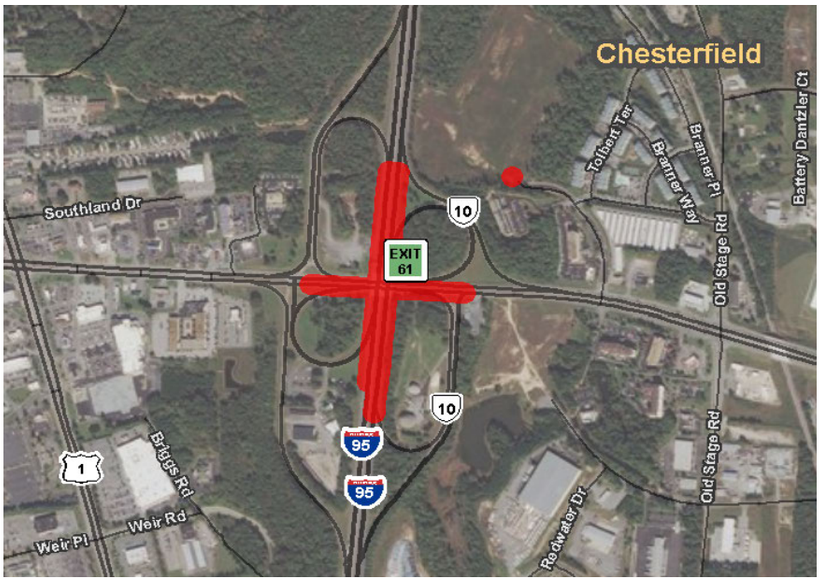
I-95 at Route 10 Interchange, Phase 2

Project Id: 3665

Interchange improvements and a new park and ride lot at the intersection of I-95 and Route 10.

Submitting Entity:	Richmond Regional Transportation Planning Organization
Preliminary Engineering:	Underway
Right of Way:	Not Started
Construction:	Not Started
Eligible Fund Program:	Statewide High Priority
VTRANS Need:	CoSS (click here for details)





1.1 SMART SCALE SCORE

#287 OF 433 STATEWIDE

#53 OF 79 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$35,378,791**
Total Project Cost.....	**$35,378,791**
Project Benefit.....	**3.7**
Project Benefit / Total Cost.....	**1.1**

SMART SCALE Area Type B

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	240.1 persons	188.6 person hrs.	15.5 EPDO	1.2 EPDO / 100M VMT	226.2 jobs per resident	316.0 jobs per resident	264.0 adjusted users	1,179,251.5 thousand adj sq. ft.	329,180.6 thousand adj daily tons	0.0 adj. buffer time index	1,934.0 adjusted points	2.4 scaled points	5,655.6 access * pop/emp density.h	943.2 access * pop/emp density change.
Normalized Measure Value (0-100)	0.9	2.9	4.5	0.0	4.0	5.5	0.9	6.0	7.0	0.0	13.7	7.3	0.4	0.3
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	1.9		2.2		3.7			5.0			10.5		0.4	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%		10%	
Weighted Factor Value	0.3		0.4		0.9			1.0			1.0		0.0	
Project Benefit	3.7													
SMART SCALE Cost	$35,378,791													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.1**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

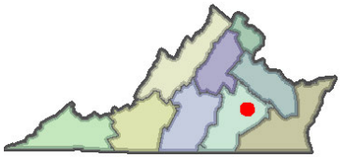
For more information on how to read a scorecard, click here.

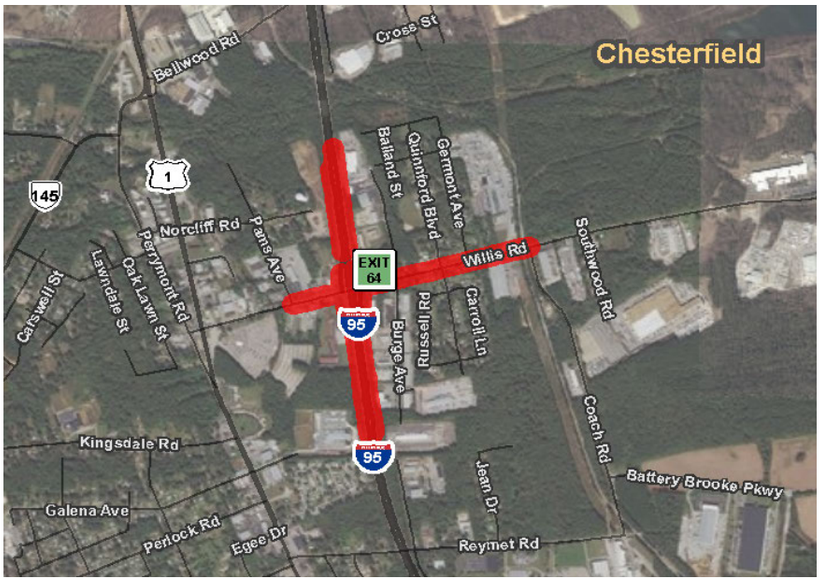
I-95 at Willis Road Interchange Improvement - Roundabout

Project Id: 3676

Reconstruct I-95/Willis Road Interchange - Roundabout Configuration

Submitting Entity:	Richmond Regional Transportation Planning Organization
Preliminary Engineering:	Underway
Right of Way:	Not Started
Construction:	Not Started
Eligible Fund Program:	Statewide High Priority
VTRANS Need:	Regional Network (click here for details)





0.7 SMART SCALE SCORE

#326 OF 433 STATEWIDE

#64 OF 79 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$62,278,436**
Total Project Cost.....	**$67,478,436**
Project Benefit.....	**4.4**
Project Benefit / Total Cost.....	**0.7**

SMART SCALE Area Type B

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	107.3 persons	3.2 person hrs.	69.4 EPDO	352.3 EPDO / 100M VMT	0.2 jobs per resident	0.2 jobs per resident	0.0 adjusted users	2,077,937.9 thousand adj sq. ft.	225,832.0 thousand adj daily tons	67,549,174.5 adj. buffer time index	1,626.0 adjusted points	1.1 scaled points	4,870.1 access * pop/emp density.h	1,078.3 access * pop/emp density change.
Normalized Measure Value (0-100)	0.4	0.0	19.9	0.7	0.0	0.0	0.0	10.6	4.8	1.5	11.5	3.3	0.4	0.3
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.2		10.3		0.0			7.6			7.4		0.3	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%		10%	
Weighted Factor Value	0.0		2.1		0.0			1.5			0.7		0.0	
Project Benefit	4.4													
SMART SCALE Cost	$62,278,436													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.7**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

Meadowville Technology Parkway at I-295 Widening

Project Id: 3678

Widen Meadowville Technology Parkway to four lanes at the interchange of I-295 to include the construction of a new bridge over I-295.

Submitting Entity:	Richmond Regional Transportation Planning Organization
Preliminary Engineering:	Underway
Right of Way:	Not Started
Construction:	Not Started
Eligible Fund Program:	Statewide High Priority
VTRANS Need:	Regional Network (click here for details)

0.4
SMART SCALE SCORE

#365 OF 433 STATEWIDE

#70 OF 79 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$21,775,000**
Total Project Cost.....	**$21,775,000**
Project Benefit.....	**0.9**
Project Benefit / Total Cost.....	**0.4**

SMART SCALE Area Type B

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	395.1 persons	302.4 person hrs.	0.4 EPDO	251.1 EPDO / 100M VMT	85.8 jobs per resident	43.4 jobs per resident	36.6 adjusted users	16,596.5 thousand adj sq. ft.	0.0 thousand adj daily tons	6,371.0 adj. buffer time index	36.6 adjusted points	0.8 scaled points	1,423.2 access * pop/emp density.h	342.3 access * pop/emp density change.
Normalized Measure Value (0-100)	1.4	4.7	0.1	0.5	1.5	0.8	0.1	0.1	0.0	0.0	0.3	2.3	0.1	0.1
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	3.0		0.3		1.1			0.1			1.3		0.1	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%		10%	
Weighted Factor Value	0.5		0.1		0.3			0.0			0.1		0.0	
Project Benefit	0.9													
SMART SCALE Cost	$21,775,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.4**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

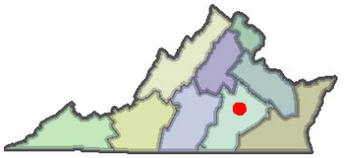
For more information on how to read a scorecard, click here.

Route 288 at Bailey Bridge Connector Flyover

Project Id: 3679

Route 288 NB to Brad McNeer Pkwy. Flyover with Intersection and Access Improvements to Commonwealth Centre Pkwy. and Brad McNeer Pkwy.

Submitting Entity: Richmond Regional Transportation Planning Organization
Preliminary Engineering: Underway
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Statewide High Priority
VTRANS Need: Regional Network
(click here for details)



0.1
SMART SCALE SCORE

#421 OF 433 STATEWIDE

#79 OF 79 DISTRICTWIDE

SMART SCALE Requested Funds..... **$62,493,000**
Total Project Cost..... **$73,493,000**
Project Benefit..... **0.5**
Project Benefit / Total Cost..... **0.1**

SMART SCALE Area Type B														
Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	246.7 persons	64.0 person hrs.	0.0 EPDO	0.0 EPDO / 100M VMT	17.5 jobs per resident	18.0 jobs per resident	72.9 adjusted users	244,469.2 thousand adj sq. ft.	2,708.4 thousand adj daily tons	4,961,083.3 adj. buffer time index	43.7 adjusted points	0.4 scaled points	9,310.6 access * pop/emp density.h	1,810.9 access * pop/emp density change.
Normalized Measure Value (0-100)	0.9	1.0	0.0	0.0	0.3	0.3	0.3	1.2	0.1	0.1	0.3	1.2	0.7	0.5
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.9		0.0		0.3			0.8			0.8		0.6	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%		10%	
Weighted Factor Value	0.1		0.0		0.1			0.2			0.1		0.1	
Project Benefit	0.5													
SMART SCALE Cost	$62,493,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.1**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

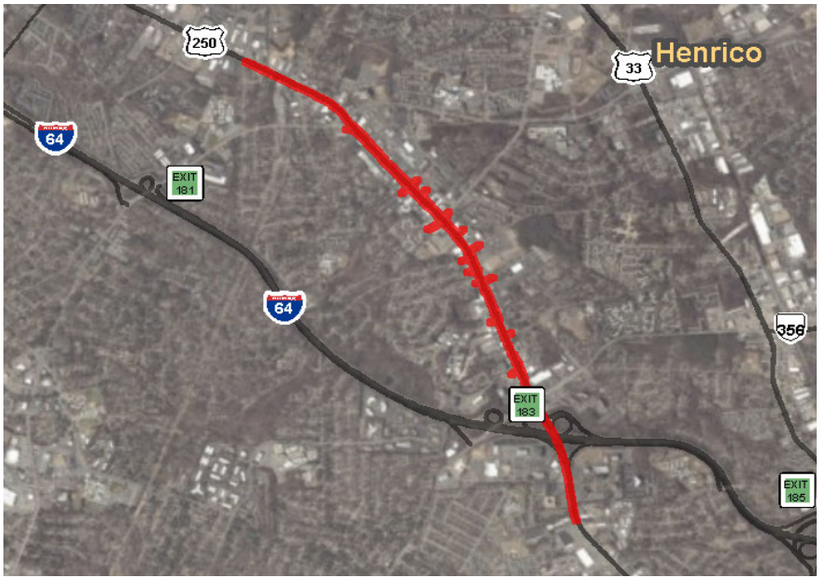
For more information on how to read a scorecard, click here.

Broad Street Pedestrian and Transit Improvements, Phase 2

Project Id: 3690

Improve multi-modal function, transit access, and handicap accessibility along Broad Street between Glenside Drive & Parham Road by adding missing sidewalk, ADA accessible ramps, and bus stop amenities along the 1.75 mile project corridor.

Submitting Entity: Richmond Regional Transportation Planning Organization
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Statewide High Priority
VTRANS Need: CoSS
(click here for details)



3.5
SMART SCALE SCORE

#137 OF 433 STATEWIDE

#30 OF 79 DISTRICTWIDE

SMART SCALE Requested Funds..... **$10,962,000**
Total Project Cost..... **$10,962,000**
Project Benefit..... **3.9**
Project Benefit / Total Cost..... **3.5**

SMART SCALE Area Type B														
Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	157.0 persons	0.1 person hrs.	64.2 EPDO	154.8 EPDO / 100M VMT	13.5 jobs per resident	21.3 jobs per resident	785.0 adjusted users	67,156.4 thousand adj sq. ft.	0.0 thousand adj daily tons	92,805,507.3 adj. buffer time index	785.0 adjusted points	3.2 scaled points	131,544.4 access * pop/emp density.h	18,971.1 access * pop/emp density change.
Normalized Measure Value (0-100)	0.6	0.0	18.4	0.3	0.2	0.4	2.8	0.3	0.0	2.1	5.5	9.7	9.9	5.4
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.3		9.4		0.8			0.6			7.6		8.6	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%		10%	
Weighted Factor Value	0.0		1.9		0.2			0.1			0.8		0.9	
Project Benefit	3.9													
SMART SCALE Cost	$10,962,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**3.5**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

Route 60 Corridor Solution Set and Pedestrian Facilities

Project Id: 3706

Safety improvements at four intersections on Route 60 east of the Powhite Parkway. Intersection improvements include: upgraded signalization, upgraded signage, and access management. Also pedestrian facilities throughout the corridor.

Submitting Entity: Richmond Regional Transportation Planning Organization
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Statewide High Priority
VTRANS Need: Regional Network
(click here for details)

6.4
SMART SCALE SCORE

#70 OF 433 STATEWIDE

#17 OF 79 DISTRICTWIDE

SMART SCALE Requested Funds..... **$6,920,000**
Total Project Cost..... **$6,920,000**
Project Benefit..... **4.4**
Project Benefit / Total Cost..... **6.4**

SMART SCALE Area Type B

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	114.4 persons	0.0 person hrs.	76.9 EPDO	432.6 EPDO / 100M VMT	210.8 jobs per resident	218.3 jobs per resident	571.9 adjusted users	361,009.8 thousand adj sq. ft.	0.0 thousand adj daily tons	142,118,667.2 adj. buffer time index	0.0 adjusted points	3.6 scaled points	58,965.6 access * pop/emp density.h	6,901.7 access * pop/emp density change.
Normalized Measure Value (0-100)	0.4	0.0	22.0	0.9	3.7	3.8	2.0	1.8	0.0	3.3	0.0	11.0	4.5	2.0
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.2		11.5		3.4			1.8			5.5		3.7	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%		10%	
Weighted Factor Value	0.0		2.3		0.8			0.4			0.6		0.4	
Project Benefit	4.4													
SMART SCALE Cost	$6,920,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**6.4**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

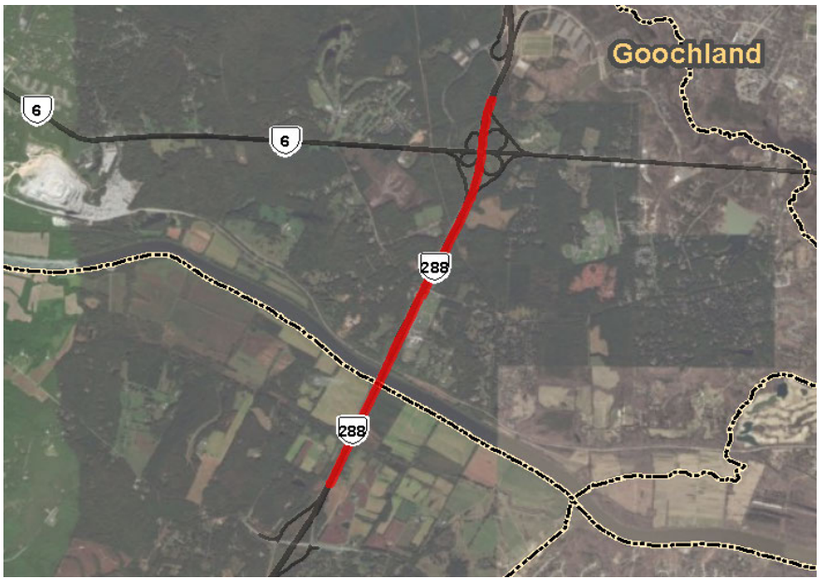
For more information on how to read a scorecard, click here.

Route 288 Southbound - HSR and Interchange Improvements

Project Id: 3711

Provide a continuous Hard Shoulder Running auxiliary lane between the between the on-ramp from West Creek Parkway to the off-ramp to Route 711.

Submitting Entity: Richmond Regional Transportation Planning Organization
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Statewide High Priority
VTRANS Need: Regional Network
(click here for details)



0.5
SMART SCALE SCORE

#356 OF 433 STATEWIDE

#68 OF 79 DISTRICTWIDE

SMART SCALE Requested Funds..... **$35,232,000**
Total Project Cost..... **$35,232,000**
Project Benefit..... **1.7**
Project Benefit / Total Cost..... **0.5**

SMART SCALE Area Type B

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	1,571.0 persons	433.3 person hrs.	10.2 EPDO	37.0 EPDO / 100M VMT	8.5 jobs per resident	6.1 jobs per resident	0.0 adjusted users	224,650.3 thousand adj sq. ft.	9,758.1 thousand adj daily tons	41,917,022.1 adj. buffer time index	0.0 adjusted points	1.3 scaled points	2,087.1 access * pop/emp density.h	556.6 access * pop/emp density change.
Normalized Measure Value (0-100)	5.6	6.7	2.9	0.1	0.2	0.1	0.0	1.1	0.2	1.0	0.0	4.1	0.2	0.2
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	6.1		1.5		0.1			0.9			2.0		0.2	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%		10%	
Weighted Factor Value	0.9		0.3		0.0			0.2			0.2		0.0	
Project Benefit	1.7													
SMART SCALE Cost	$35,232,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.5**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

Route 288 Northbound - Hard Shoulder Running

Project Id: 3722

Provide a continuous Hard Shoulder Running auxiliary lane between the on-ramp from Route 711 to the off-ramp to eastbound Route 6.

Submitting Entity: Richmond Regional Transportation Planning Organization
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Statewide High Priority
VTRANS Need: Regional Network
(click here for details)

0.8
SMART SCALE SCORE

#314 OF 433 STATEWIDE

#60 OF 79 DISTRICTWIDE

SMART SCALE Requested Funds..... **$20,925,000**
Total Project Cost..... **$20,925,000**
Project Benefit..... **1.6**
Project Benefit / Total Cost..... **0.8**

SMART SCALE Area Type B

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	1,764.5 persons	486.7 person hrs.	8.0 EPDO	37.7 EPDO / 100M VMT	14.7 jobs per resident	5.3 jobs per resident	0.0 adjusted users	94,535.0 thousand adj sq. ft.	7,219.6 thousand adj daily tons	37,211,568.8 adj. buffer time index	0.0 adjusted points	1.3 scaled points	1,618.3 access * pop/emp density.h	459.7 access * pop/emp density change.
Normalized Measure Value (0-100)	6.3	7.6	2.3	0.1	0.3	0.1	0.0	0.5	0.2	0.9	0.0	4.0	0.1	0.1
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	6.9		1.2		0.2			0.5			2.0		0.1	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%		10%	
Weighted Factor Value	1.0		0.2		0.0			0.1			0.2		0.0	
Project Benefit	1.6													
SMART SCALE Cost	$20,925,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.8**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

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

Project Id: 4400

This project builds a flyover ramp between I95 NB and I85 SB to improve a congestion and safety problem.

Submitting Entity: Tri-Cities Area Metropolitan Planning Organization
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Statewide High Priority
VTRANS Need: CoSS
(click here for details)

0.1
SMART SCALE SCORE

#419 OF 433 STATEWIDE

#78 OF 79 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$166,369,000**
Total Project Cost.....	**$166,369,000**
Project Benefit.....	**1.4**
Project Benefit / Total Cost.....	**0.1**

SMART SCALE Area Type C

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	69.6 persons	15.6 person hrs.	11.3 EPDO	406.4 EPDO / 100M VMT	1.4 jobs per resident	1.2 jobs per resident	0.0 adjusted users	0.0 thousand adj sq. ft.	172,418.4 thousand adj daily tons	5,647,653.1 adj. buffer time index	1,466.0 adjusted points	0.9 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.2	0.2	3.2	0.8	0.0	0.0	0.0	0.0	3.7	0.1	10.3	2.8		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.2		2.0		0.0			0.8			6.6			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%		N/A	
Weighted Factor Value	0.0		0.5		0.0			0.2			0.7			
Project Benefit	1.4													
SMART SCALE Cost	$166,369,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.1**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT · DRPT · Office of INTERMODAL Planning and Investment

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

Project Id: 4403

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.

Submitting Entity: Tri-Cities Area Metropolitan Planning Organization
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Statewide High Priority
VTRANS Need: CoSS
(click here for details)

0.9 SMART SCALE SCORE			
	#302	OF 433 STATEWIDE	
	#59	OF 79 DISTRICTWIDE	

SMART SCALE Requested Funds.....	**$40,026,162**
Total Project Cost.....	**$40,026,162**
Project Benefit.....	**3.6**
Project Benefit / Total Cost.....	**0.9**

SMART SCALE Area Type C

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	171.3 persons	75.2 person hrs.	56.3 EPDO	5.7 EPDO / 100M VMT	94.2 jobs per resident	111.2 jobs per resident	241.0 adjusted users	0.0 thousand adj sq. ft.	0.0 thousand adj daily tons	12,937,067.6 adj. buffer time index	1,896.5 adjusted points	2.2 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.6	1.2	16.1	0.0	1.7	1.9	0.9	0.0	0.0	0.3	13.4	6.8		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.9		8.1		1.6			0.1			10.1			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%		N/A	
Weighted Factor Value	0.1		2.0		0.4			0.0			1.0			
Project Benefit	3.6													
SMART SCALE Cost	$40,026,162													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.9**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT · DRPT · Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

I-95 and South Crater Road - MPO HB2 Priority 2

Project Id: 4405

Reconstruct the I-95 NB on-ramp merge from Route 460 (Winfield Rd) to ensure adequate weave distances, merging distances, safety and operations.

Submitting Entity: Tri-Cities Area Metropolitan Planning Organization
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Statewide High Priority
VTRANS Need: CoSS
(click here for details)

0.1
SMART SCALE SCORE

#414 OF 433 STATEWIDE

#76 OF 79 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$23,381,673**
Total Project Cost.....	**$23,381,673**
Project Benefit.....	**0.3**
Project Benefit / Total Cost.....	**0.1**

SMART SCALE Area Type C

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	0.3 person hrs.	0.0 EPDO	0.0 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	0.0 thousand adj sq. ft.	5,248.2 thousand adj daily tons	0.0 adj. buffer time index	698.0 adjusted points	0.2 scaled points	access * pop/emp density.h	access * pop/emp density change.
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	4.9	0.5		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.0		0.0		0.0			0.0			2.7			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%		N/A	
Weighted Factor Value	0.0		0.0		0.0			0.0			0.3			
Project Benefit	0.3													
SMART SCALE Cost	$23,381,673													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.1**													

Revised: 01/22/2019

SALEM DISTRICT

SMART SCALE | *Funding the Right Transportation Projects in Virginia*

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

Project Id	Project Name	Organization	District Rank	State Rank	Page #
3764	Orange Avenue (US 460) Improvements	Roanoke City	1	25	08-32
3597	Roadway Improvements on Rtes 220/619 (Pleasant Hill/Sontag)	Franklin County	2	43	08-12
4126	Roadway Improvements on Rtes 220/919 (Grassy Hill)	Franklin County	3	72	08-13
4141	Williamson Road Sidewalk Improvements	Roanoke County	4	93	08-37
3553	Roadway improvements on Routes 122 & 636 (Lost Mountain Rd)	Franklin County	5	94	08-11
5086	U.S. 220 and Route 697/Wirtz Rd. Intersection Improvements	Roanoke Valley-Alleghany Regional Commission	6	104	08-43
3995	Route 220 at International Parkway Intersection Improvements	Botetourt County	7	122	08-03
3681	Valley View Blvd / Aviation Drive Pedestrian Improvements	Roanoke City	8	127	08-30
3806	Route 419 and Route 220 Diverging Diamond Interchange	Roanoke County	9	132	08-34
3858	Claudville Hwy Intersection Improvement	Patrick County	10	133	08-28
3627	Camp Jaycee Road (Route 697) Intersection at US460	Bedford County	11	145	08-01
3527	E. Stuart Drive Sidewalk Project - Phase II	Galax City	12	160	08-16
4223	Martinsville - Focus Area 3: Ailcie Street to Pine Hall Rd.	Martinsville City	13	162	08-21
3524	E. Stuart Drive Sidewalk Project - Phase I	Galax City	14	170	08-15
4132	Roadway Improvements on Rtes 220/613 (Naff Road)	Franklin County	15	172	08-14
3839	I-81/Route 8 (Exit 114) Park & Ride Lot	New River Valley Metropolitan Planning Organization	16	178	08-25
5029	Route 220 Superstreet Improvement	Botetourt County	17	182	08-06
3811	Old Cave Spring Road Improvements	Roanoke County	18	199	08-36
4228	Route 8 Widening and Pedestrian Improvements	Montgomery County	19	201	08-24
3628	Timber Ridge Road (Route 803) & US460 Intersection	Bedford County	20	208	08-02
4041	Route 100 Safety Improvements	Giles County	21	209	08-17
3971	Downtown Salem - College Avenue Improvements	Salem City	22	228	08-44
3543	Intersection Improvements at Route 460/637	Montgomery County	23	231	08-23
4053	Main Street (Rte 221) Corridor Improvements	Roanoke City	24	235	08-33
3720	13th Street Southeast Improvements	Roanoke City	25	250	08-31
3477	I-81 Northbound Improvements between Exit 140 and 141	Roanoke Valley Transportation Planning Organization	26	255	08-39
4000	Glebe Road Alignment and Bike/Pedestrian Improvements	Botetourt County	27	256	08-04

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

Project Id	Project Name	Organization	District Rank	State Rank	Page #
3478	I-81 Southbound Improvements between Exit 141 and 140	Roanoke Valley Transportation Planning Organization	28	262	08-40
3562	N. Franklin Street - Depot Street Intersection Improvements	Christiansburg Town	29	263	08-09
3841	I-81/Route 8 (Exit 114) Interchange Improvements	New River Valley Metropolitan Planning Organization	30	268	08-26
3735	Interstate 77, Exit 1 and Route 620 Improvements	Carroll County	31	275	08-07
3755	Walnut Avenue Corridor Improvements Phase 2 Project	Vinton Town	32	282	08-45
3467	Martinsville - Focus Area 1: Albert Harris Ele.	Martinsville City	33	297	08-20
4170	Route 11 Traffic Improvements Project - Pulaski County	Pulaski County	34	305	08-29
4632	Route 220 Superstreet and Route 640 Improvement	Botetourt County	35	310	08-05
3810	McVitty Road Improvements	Roanoke County	36	330	08-35
3479	Orange Avenue Improvements	Roanoke Valley Transportation Planning Organization	37	341	08-41
3564	Peppers Ferry Road to Cambria Street Connector Route	Christiansburg Town	38	342	08-10
4002	King's Mountain Road Widening	Henry County	39	347	08-18
3542	Prices Fork/ Peppers Ferry Intersection	Montgomery County	40	350	08-22
4032	NBL Route 220 Relocation	Henry County	41	358	08-19
3475	I-81 Southbound Improvements from Exit 150 to Weigh Station	Roanoke Valley Transportation Planning Organization	42	399	08-38
3480	I-81 Northbound Safety Improvements MM167.4 to MM169.5	Roanoke Valley-Alleghany Regional Commission	43	406	08-42
3503	Cambria Street to North Franklin Street Connector Route	Christiansburg Town	44	415	08-08
3602	Squirrel Spur	Patrick County	45	431	08-27

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

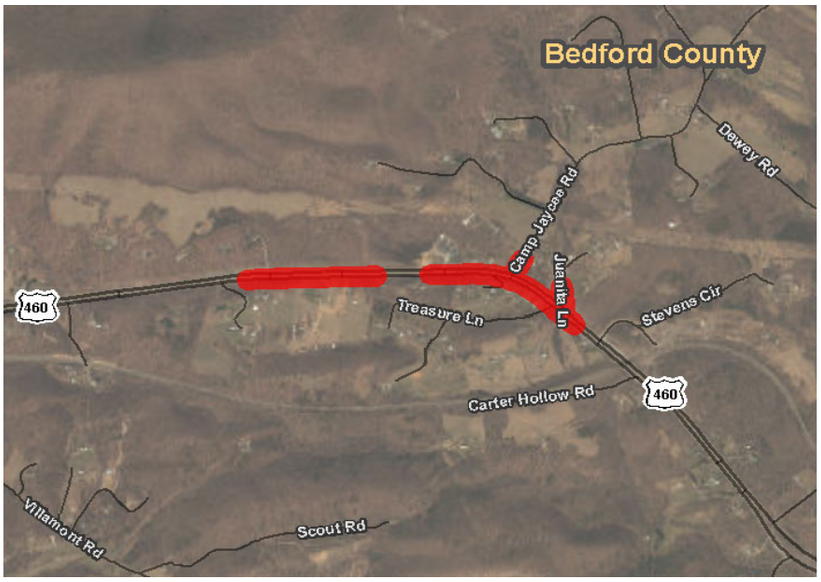
For more information on how to read a scorecard, click here.

Camp Jaycee Road (Route 697) Intersection at US460

Project Id: 3627

Eliminate four crossovers, including the existing intersection crossover, modify one crossover to become westbound R-CUT, and add westbound and eastbound R-CUT.

Submitting Entity: Bedford County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: CoSS
(click here for details)



3.2
SMART SCALE SCORE

#145 OF 433 STATEWIDE

#11 OF 45 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$3,733,000**
Total Project Cost.....	**$3,733,000**
Project Benefit.....	**1.2**
Project Benefit / Total Cost.....	**3.2**

SMART SCALE Area Type D

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	0.1 person hrs.	17.4 EPDO	438.4 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	545.7 thousand adj sq. ft.	0.0 thousand adj daily tons	5,079,895.6 adj. buffer time index	472.0 adjusted points	1.0 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	5.0	0.9	0.0	0.0	0.0	0.0	0.0	0.1	3.3	2.9		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.0		2.9		0.0			0.0			3.1			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%		N/A	
Weighted Factor Value	0.0		0.9		0.0			0.0			0.3			
Project Benefit	1.2													
SMART SCALE Cost	$3,733,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**3.2**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

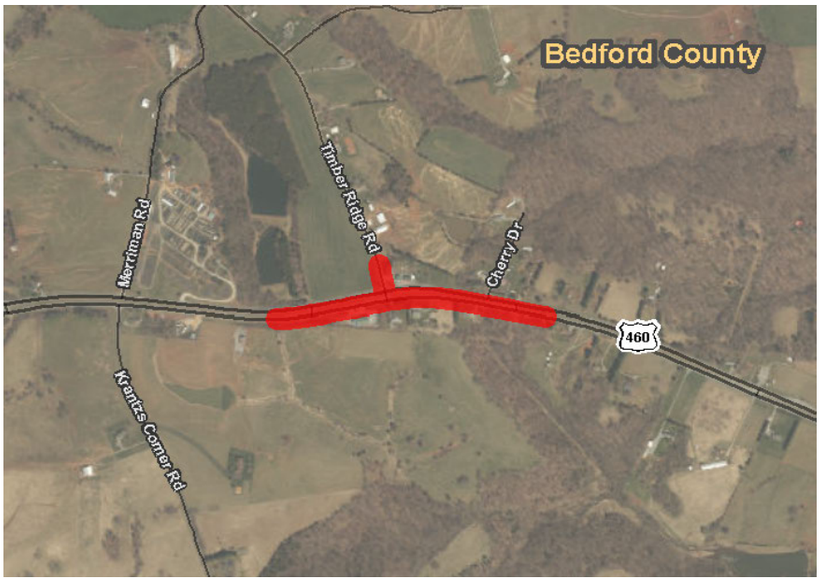
For more information on how to read a scorecard, click here.

Timber Ridge Road (Route 803) & US460 Intersection

Project Id: 3628

Coordinated approach at multiple intersections at Krantzs Corner, Merriman, and Timber Ridge Roads (Routes 715 and 803) due to the existing topographic conditions which impair safe sight distances for vehicles entering US460.

Submitting Entity: Bedford County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Safety
(click here for details)



2.0
SMART SCALE SCORE

#208 OF 433 STATEWIDE

#20 OF 45 DISTRICTWIDE

SMART SCALE Requested Funds..... **$8,700,000**
Total Project Cost..... **$8,700,000**
Project Benefit..... **1.7**
Project Benefit / Total Cost..... **2.0**

SMART SCALE Area Type D														
Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	0.3 person hrs.	27.0 EPDO	1,082.8 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	0.0 thousand adj sq. ft.	0.0 thousand adj daily tons	3,690,338.3 adj. buffer time index	0.0 adjusted points	1.4 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	7.7	2.2	0.0	0.0	0.0	0.0	0.0	0.1	0.0	4.3		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.0		5.0		0.0			0.0			2.2			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%		N/A	
Weighted Factor Value	0.0		1.5		0.0			0.0			0.2			
Project Benefit	1.7													
SMART SCALE Cost	$8,700,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**2.0**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

Route 220 at International Parkway Intersection Improvements

Project Id: 3995

Improve Route 220 and International Parkway intersection by converting it to an RCUT with new u-turn crossover locations to the north and south.

Submitting Entity: Botetourt County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: Regional Network
(click here for details)

3.8
SMART SCALE SCORE

#122 OF 433 STATEWIDE

#7 OF 45 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$4,251,000**
Total Project Cost.....	**$4,551,000**
Project Benefit.....	**1.6**
Project Benefit / Total Cost.....	**3.6**

SMART SCALE Area Type B

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	3.7 persons	0.0 person hrs.	25.3 EPDO	960.4 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	5.5 adjusted users	814,822.2 thousand adj sq. ft.	0.0 thousand adj daily tons	3,424,644.1 adj. buffer time index	0.0 adjusted points	1.3 scaled points	137.5 access * pop/emp density.h	6.6 access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	7.3	2.0	0.0	0.0	0.0	4.1	0.0	0.1	0.0	4.0	0.0	0.0
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.0		4.6		0.0			2.5			2.0		0.0	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%		10%	
Weighted Factor Value	0.0		0.9		0.0			0.5			0.2		0.0	
Project Benefit	1.6													
SMART SCALE Cost	$4,251,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**3.8**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

Glebe Road Alignment and Bike/Pedestrian Improvements

Project Id: 4000

Improve vertical alignment of Route 675 (Glebe Road) and construct crossing for future Greenway.

Submitting Entity: Botetourt County
Preliminary Engineering: Underway
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: Regional Network
(click here for details)

1.3
SMART SCALE SCORE

#256 OF 433 STATEWIDE

#27 OF 45 DISTRICTWIDE

SMART SCALE Requested Funds..... **$2,060,404**
Total Project Cost..... **$2,823,000**
Project Benefit..... **0.3**
Project Benefit / Total Cost..... **1.0**

SMART SCALE Area Type B														
Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.6 persons	0.0 person hrs.	0.0 EPDO	0.0 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	1.0 adjusted users	394,304.4 thousand adj sq. ft.	0.0 thousand adj daily tons	0.0 adj. buffer time index	0.0 adjusted points	0.2 scaled points	147.8 access * pop/emp density.h	8.2 access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.7	0.0	0.0
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.0		0.0		0.0			1.2			0.3		0.0	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%		10%	
Weighted Factor Value	0.0		0.0		0.0			0.2			0.0		0.0	
Project Benefit	0.3													
SMART SCALE Cost	$2,060,404													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.3**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

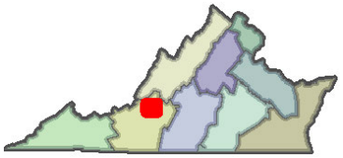
For more information on how to read a scorecard, click here.

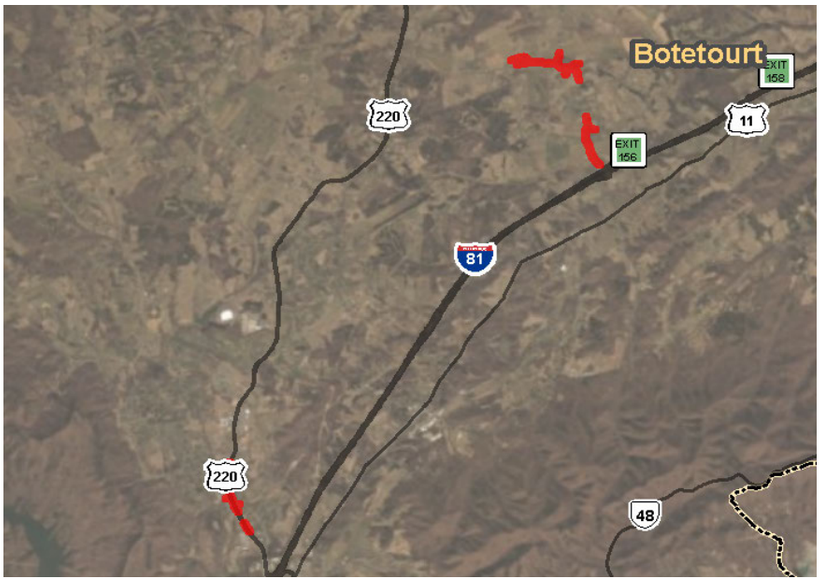
Route 220 Superstreet and Route 640 Improvement

Project Id: 4632

Convert crossovers along the Route 220 corridor in Daleville to RCUT's to provide a superstreet concept.

Submitting Entity: Botetourt County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: CoSS
(click here for details)





0.8
SMART SCALE SCORE

#310 OF 433 STATEWIDE

#35 OF 45 DISTRICTWIDE

SMART SCALE Requested Funds..... **$19,391,000**
Total Project Cost..... **$19,391,000**
Project Benefit..... **1.5**
Project Benefit / Total Cost..... **0.8**

SMART SCALE Area Type B														
Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	4.3 person hrs.	34.0 EPDO	449.1 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	375,898.5 thousand adj sq. ft.	0.0 thousand adj daily tons	49,140,821.6 adj. buffer time index	0.0 adjusted points	1.3 scaled points	251.5 access * pop/emp density.h	13.5 access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.1	9.7	0.9	0.0	0.0	0.0	1.9	0.0	1.1	0.0	3.8	0.0	0.0
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.0		5.3		0.0			1.4			1.9		0.0	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%		10%	
Weighted Factor Value	0.0		1.1		0.0			0.3			0.2		0.0	
Project Benefit	1.5													
SMART SCALE Cost	$19,391,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.8**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

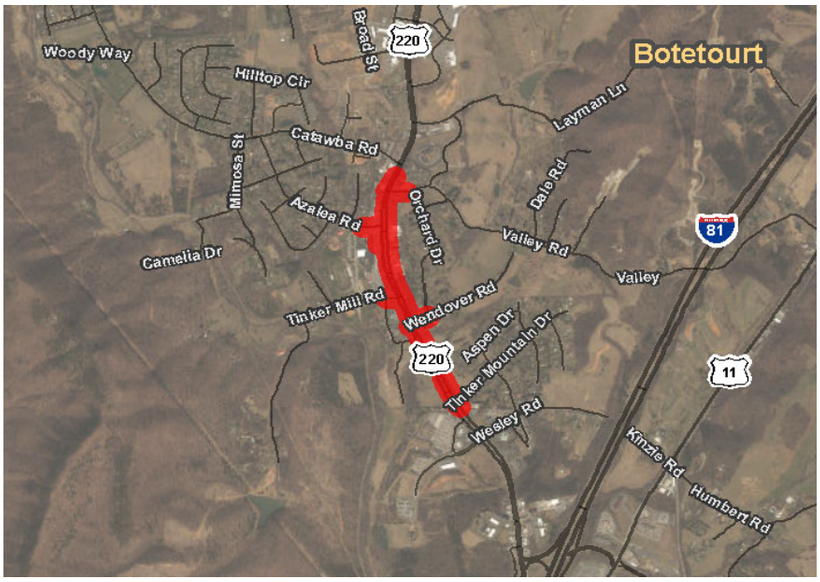
For more information on how to read a scorecard, click here.

Route 220 Superstreet Improvement

Project Id: 5029

Convert crossovers along the Route 220 Corridor in Daleville to RCUT's to provide a superstreet concept.

Submitting Entity: Botetourt County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: CoSS
(click here for details)



2.3
SMART SCALE SCORE

#182 OF 433 STATEWIDE

#17 OF 45 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$6,361,000**
Total Project Cost.....	**$6,361,000**
Project Benefit.....	**1.5**
Project Benefit / Total Cost.....	**2.3**

SMART SCALE Area Type B

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	4.3 person hrs.	31.2 EPDO	454.2 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	441,916.1 thousand adj sq. ft.	0.0 thousand adj daily tons	37,092,919.3 adj. buffer time index	0.0 adjusted points	1.2 scaled points	270.2 access * pop/emp density.h	18.1 access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.1	8.9	0.9	0.0	0.0	0.0	2.2	0.0	0.9	0.0	3.7	0.0	0.0
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.0		4.9		0.0			1.5			1.8		0.0	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%		10%	
Weighted Factor Value	0.0		1.0		0.0			0.3			0.2		0.0	
Project Benefit	1.5													
SMART SCALE Cost	$6,361,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**2.3**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

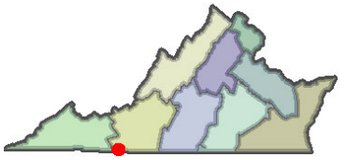
For more information on how to read a scorecard, click here.

Interstate 77, Exit 1 and Route 620 Improvements

Project Id: 3735

I77, Exit 1 Improvements

Submitting Entity:	Carroll County
Preliminary Engineering:	Not Started
Right of Way:	Not Started
Construction:	Not Started
Eligible Fund Program:	Both
VTRANS Need:	CoSS (click here for details)



1.1
SMART SCALE SCORE

#275 OF 433 STATEWIDE

#31 OF 45 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$11,614,000**
Total Project Cost.....	**$11,614,000**
Project Benefit.....	**1.3**
Project Benefit / Total Cost.....	**1.1**

SMART SCALE Area Type D

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	0.0 person hrs.	9.7 EPDO	432.4 EPDO / 100M VMT	1.3 jobs per resident	1.4 jobs per resident	0.0 adjusted users	0.0 thousand adj sq. ft.	0.0 thousand adj daily tons	0.0 adj. buffer time index	1,737.0 adjusted points	1.1 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	2.8	0.9	0.0	0.0	0.0	0.0	0.0	0.0	12.3	3.3		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.0		1.8		0.0			0.0			7.8			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%		N/A	
Weighted Factor Value	0.0		0.6		0.0			0.0			0.8			
Project Benefit	1.3													
SMART SCALE Cost	$11,614,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.1**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

Cambria Street to North Franklin Street Connector Route

Project Id: 3503

New multi-modal local connector route between Cambria Street, N.W. and N. Franklin Street.

Submitting Entity: Christiansburg Town
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: Regional Network
(click here for details)

0.1
SMART SCALE SCORE

#415 OF 433 STATEWIDE

#44 OF 45 DISTRICTWIDE

SMART SCALE Requested Funds..... **$15,060,000**
Total Project Cost..... **$15,160,000**
Project Benefit..... **0.2**
Project Benefit / Total Cost..... **0.1**

SMART SCALE Area Type C

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	111.0 persons	23.6 person hrs.	0.0 EPDO	0.0 EPDO / 100M VMT	2.3 jobs per resident	2.2 jobs per resident	48.6 adjusted users	81,748.1 thousand adj sq. ft.	1,064.7 thousand adj daily tons	0.0 adj. buffer time index	48.6 adjusted points	0.1 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.4	0.4	0.0	0.0	0.0	0.0	0.2	0.4	0.0	0.0	0.3	0.4		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.4		0.0		0.1			0.3			0.4			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%		N/A	
Weighted Factor Value	0.1		0.0		0.0			0.1			0.0			
Project Benefit	0.2													
SMART SCALE Cost	$15,060,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.1**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

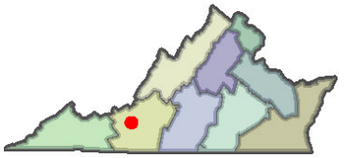
For more information on how to read a scorecard, click here.

N. Franklin Street - Depot Street Intersection Improvements

Project Id: 3562

Improvements at the N. Franklin Street and Depot Street intersection increases safety by reducing conflict points and by providing new signalized pedestrian crosswalk accommodations. The new lane configuration improves travel time reliability.

Submitting Entity: Christiansburg Town
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Urban Development Area
(click here for details)



1.3
SMART SCALE SCORE

#263 OF 433 STATEWIDE

#29 OF 45 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$3,075,000**
Total Project Cost.....	**$3,075,000**
Project Benefit.....	**0.4**
Project Benefit / Total Cost.....	**1.3**

SMART SCALE Area Type C

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	30.1 persons	1.2 person hrs.	4.8 EPDO	297.8 EPDO / 100M VMT	2.1 jobs per resident	1.8 jobs per resident	150.3 adjusted users	15,824.8 thousand adj sq. ft.	773.7 thousand adj daily tons	4,054,698.0 adj. buffer time index	90.2 adjusted points	0.3 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.1	0.0	1.4	0.6	0.0	0.0	0.5	0.1	0.0	0.1	0.6	0.9		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.1		1.0		0.1			0.1			0.8			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%		N/A	
Weighted Factor Value	0.0		0.2		0.0			0.0			0.1			
Project Benefit	0.4													
SMART SCALE Cost	$3,075,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.3**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

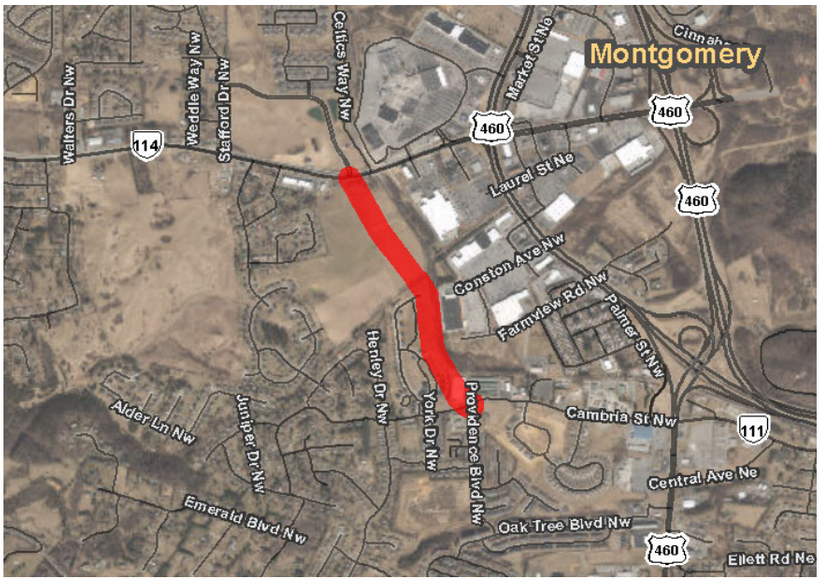
For more information on how to read a scorecard, click here.

Peppers Ferry Road to Cambria Street Connector Route

Project Id: 3564

New multi-modal local connector route between Peppers Ferry Road (Va Rte. 114), N.W. and Cambria Street, N.W.

Submitting Entity: Christiansburg Town
Preliminary Engineering: Not Started
Right of Way: Underway
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: Regional Network
(click here for details)



0.6
SMART SCALE SCORE

#342 OF 433 STATEWIDE

#38 OF 45 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$13,456,000**
Total Project Cost.....	**$13,556,000**
Project Benefit.....	**0.9**
Project Benefit / Total Cost.....	**0.6**

SMART SCALE Area Type C														
Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	203.2 persons	44.6 person hrs.	0.0 EPDO	0.0 EPDO / 100M VMT	105.6 jobs per resident	53.0 jobs per resident	57.0 adjusted users	393,639.9 thousand adj sq. ft.	2,848.2 thousand adj daily tons	0.0 adj. buffer time index	57.0 adjusted points	0.7 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.7	0.7	0.0	0.0	1.9	0.9	0.2	2.0	0.1	0.0	0.4	2.2		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.7		0.0		1.3			1.2			1.3			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%		N/A	
Weighted Factor Value	0.1		0.0		0.3			0.3			0.1			
Project Benefit	0.9													
SMART SCALE Cost	$13,456,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.6**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

Roadway improvements on Routes 122 & 636 (Lost Mountain Rd)

Project Id: 3553

Construct right turn lane and left turn lane on Rt 122 at Rt 636 w/ median separation; construct right turn lane and left turn lane on Rt 122 at Booker T. Washington National Monument w/ median separation; access mgt; new mixed use path along Rt 122

Submitting Entity: Franklin County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Urban Development Area
(click here for details)

4.9
SMART SCALE SCORE

#94 OF 433 STATEWIDE

#5 OF 45 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$9,759,000**
Total Project Cost.....	**$9,759,000**
Project Benefit.....	**4.8**
Project Benefit / Total Cost.....	**4.9**

SMART SCALE Area Type D

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	15.0 persons	0.2 person hrs.	4.6 EPDO	157.2 EPDO / 100M VMT	1.9 jobs per resident	1.7 jobs per resident	45.0 adjusted users	3,687,091.3 thousand adj sq. ft.	0.0 thousand adj daily tons	2,434,002.4 adj. buffer time index	60.0 adjusted points	3.6 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.1	0.0	1.3	0.3	0.0	0.0	0.2	18.8	0.0	0.1	0.4	11.0		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.0		0.8		0.1			11.3			5.7			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%		N/A	
Weighted Factor Value	0.0		0.2		0.0			3.9			0.6			
Project Benefit	4.8													
SMART SCALE Cost	$9,759,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**4.9**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

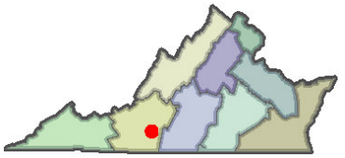
For more information on how to read a scorecard, click here.

Roadway Improvements on Rtes 220/619(Pleasant Hill/Sontag)

Project Id: 3597

RCUT at intersection for Rtes 220/619 (Pleasant Hill) add SBLT; RT lane on Rte 619 (Sontag Road)

Submitting Entity: Franklin County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: CoSS
(click here for details)



9.1
SMART SCALE SCORE

#43 OF 433 STATEWIDE

#2 OF 45 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$5,928,000**
Total Project Cost.....	**$5,928,000**
Project Benefit.....	**5.4**
Project Benefit / Total Cost.....	**9.1**

SMART SCALE Area Type D

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	1.0 person hrs.	53.3 EPDO	6,362.7 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	92,710.0 thousand adj sq. ft.	102,032.8 thousand adj daily tons	1,004,285.5 adj. buffer time index	654.0 adjusted points	4.5 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	15.3	13.1	0.0	0.0	0.0	0.5	2.2	0.0	4.6	13.6		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.0		14.2		0.0			0.7			9.1			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%		N/A	
Weighted Factor Value	0.0		4.3		0.0			0.3			0.9			
Project Benefit	5.4													
SMART SCALE Cost	$5,928,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**9.1**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

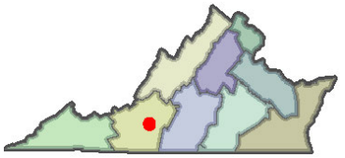
For more information on how to read a scorecard, click here.

Roadway Improvements on Rtes 220/919 (Grassy Hill)

Project Id: 4126

Unsignalized continuous green T; with no restriction of left turn off of Rte 919; construct a northbound acceleration lane; restrict driveway on north side of Rte 220 to right in; right out only

Submitting Entity: Franklin County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: CoSS
(click here for details)



6.4
SMART SCALE SCORE

#72 OF 433 STATEWIDE

#3 OF 45 DISTRICTWIDE

SMART SCALE Requested Funds..... **$6,958,000**
Total Project Cost..... **$6,958,000**
Project Benefit..... **4.5**
Project Benefit / Total Cost..... **6.4**

SMART SCALE Area Type D														
Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	2.4 person hrs.	56.6 EPDO	2,610.5 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	294,382.7 thousand adj sq. ft.	0.0 thousand adj daily tons	3,122,123.9 adj. buffer time index	1,017.0 adjusted points	3.6 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	16.2	5.4	0.0	0.0	0.0	1.5	0.0	0.1	7.2	10.8		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.0		10.8		0.0			0.9			9.0			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%		N/A	
Weighted Factor Value	0.0		3.2		0.0			0.3			0.9			
Project Benefit	4.5													
SMART SCALE Cost	$6,958,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**6.4**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

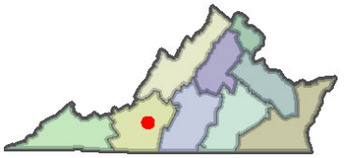
For more information on how to read a scorecard, click here.

Roadway Improvements on Rtes 220/613 (Naff Road)

Project Id: 4132

Unsignalized continuous green T; w/no restriction for left turn off of Rte 613; new RT lane (SB) on RTE 220; extension of NB acceleration lane on RTE 220.

Submitting Entity: Franklin County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: CoSS
(click here for details)



2.4
SMART SCALE SCORE

#172 OF 433 STATEWIDE

#15 OF 45 DISTRICTWIDE

SMART SCALE Requested Funds..... **$10,389,000**
Total Project Cost..... **$10,389,000**
Project Benefit..... **2.5**
Project Benefit / Total Cost..... **2.4**

SMART SCALE Area Type D

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	0.1 person hrs.	20.4 EPDO	579.0 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	787,697.7 thousand adj sq. ft.	0.0 thousand adj daily tons	1,968,250.0 adj. buffer time index	1,036.0 adjusted points	1.8 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	5.8	1.2	0.0	0.0	0.0	4.0	0.0	0.0	7.3	5.4		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.0		3.5		0.0			2.4			6.4			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%		N/A	
Weighted Factor Value	0.0		1.1		0.0			0.8			0.6			
Project Benefit	2.5													
SMART SCALE Cost	$10,389,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**2.4**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

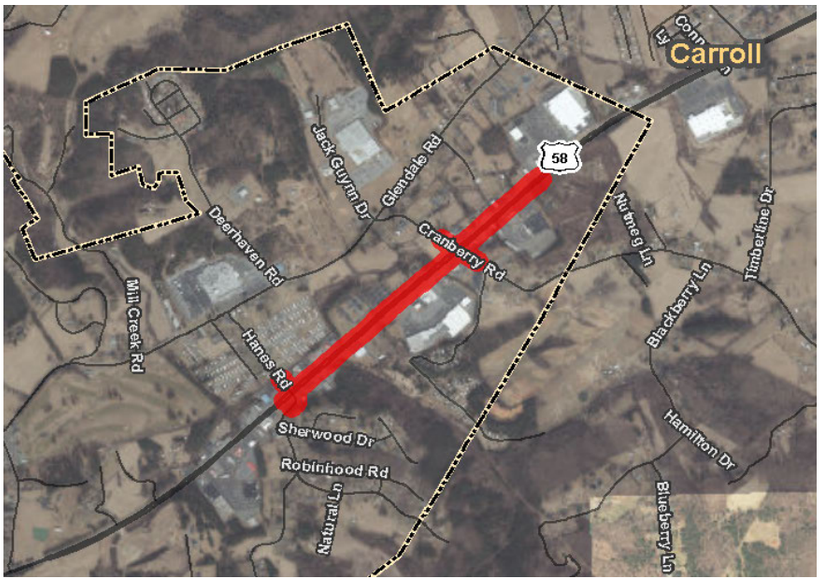
For more information on how to read a scorecard, click here.

E. Stuart Drive Sidewalk Project - Phase I

Project Id: 3524

Construction of approximately 5,000 feet of new sidewalks along US 58 improving major intersections with signalized legs for pedestrian controls and more than 20 ADA curb-cut ramps to create access and safe walking while stimulating economic growth.

Submitting Entity: Galax City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: CoSS
(click here for details)



2.5
SMART SCALE SCORE

#170 OF 433 STATEWIDE

#14 OF 45 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$2,983,000**
Total Project Cost.....	**$2,983,000**
Project Benefit.....	**0.7**
Project Benefit / Total Cost.....	**2.5**

SMART SCALE Area Type D

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	16.3 persons	0.0 person hrs.	6.2 EPDO	216.8 EPDO / 100M VMT	33.9 jobs per resident	42.3 jobs per resident	24.5 adjusted users	213,186.1 thousand adj sq. ft.	0.0 thousand adj daily tons	4,289,966.7 adj. buffer time index	0.0 adjusted points	0.6 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.1	0.0	1.8	0.4	0.6	0.7	0.1	1.1	0.0	0.1	0.0	1.9		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.0		1.1		0.5			0.7			0.9			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%		N/A	
Weighted Factor Value	0.0		0.3		0.1			0.2			0.1			
Project Benefit	0.7													
SMART SCALE Cost	$2,983,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**2.5**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

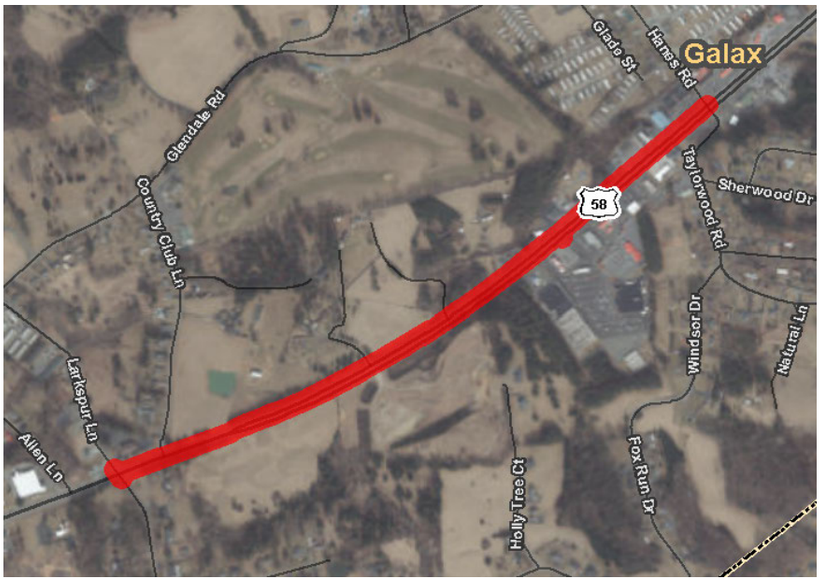
For more information on how to read a scorecard, click here.

E. Stuart Drive Sidewalk Project - Phase II

Project Id: 3527

Construction of approximately 5,000 feet of new sidewalks along US 58 improving major intersections with signalized legs for pedestrian controls and more than 15 ADA curb-cut ramps to create access and safe walking while stimulating economic growth.

Submitting Entity: Galax City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: CoSS
(click here for details)



2.8
SMART SCALE SCORE

#160 OF 433 STATEWIDE

#12 OF 45 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$2,013,000**
Total Project Cost.....	**$2,013,000**
Project Benefit.....	**0.6**
Project Benefit / Total Cost.....	**2.8**

SMART SCALE Area Type D

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	15.2 persons	0.0 person hrs.	8.7 EPDO	114.6 EPDO / 100M VMT	8.4 jobs per resident	9.0 jobs per resident	22.8 adjusted users	32,977.6 thousand adj sq. ft.	0.0 thousand adj daily tons	12,522,269.8 adj. buffer time index	0.0 adjusted points	0.5 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.1	0.0	2.5	0.2	0.1	0.2	0.1	0.2	0.0	0.3	0.0	1.4		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.0		1.4		0.1			0.2			0.7			
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	0.6													
SMART SCALE Cost	$2,013,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**2.8**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

Route 100 Safety Improvements

Project Id: 4041

The proposed safety improvements start just past the intersection of Route 100 and Route 42 and extends 1.17 miles where it stops 0.10 miles north of the Route 100 and Route 659 intersection.

Submitting Entity: Giles County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: Regional Network
(click here for details)

2.0
SMART SCALE SCORE

#209 OF 433 STATEWIDE

#21 OF 45 DISTRICTWIDE

SMART SCALE Requested Funds..... **$7,935,000**
Total Project Cost..... **$7,935,000**
Project Benefit..... **1.6**
Project Benefit / Total Cost..... **2.0**

SMART SCALE Area Type C														
Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	0.2 person hrs.	24.9 EPDO	1,871.2 EPDO / 100M VMT	0.5 jobs per resident	0.4 jobs per resident	0.0 adjusted users	0.0 thousand adj sq. ft.	0.0 thousand adj daily tons	0.0 adj. buffer time index	0.0 adjusted points	1.2 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	7.1	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.7		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.0		5.5		0.0			0.0			1.9			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%		N/A	
Weighted Factor Value	0.0		1.4		0.0			0.0			0.2			
Project Benefit	1.6													
SMART SCALE Cost	$7,935,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**2.0**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

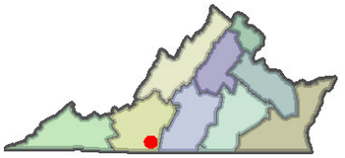
For more information on how to read a scorecard, click here.

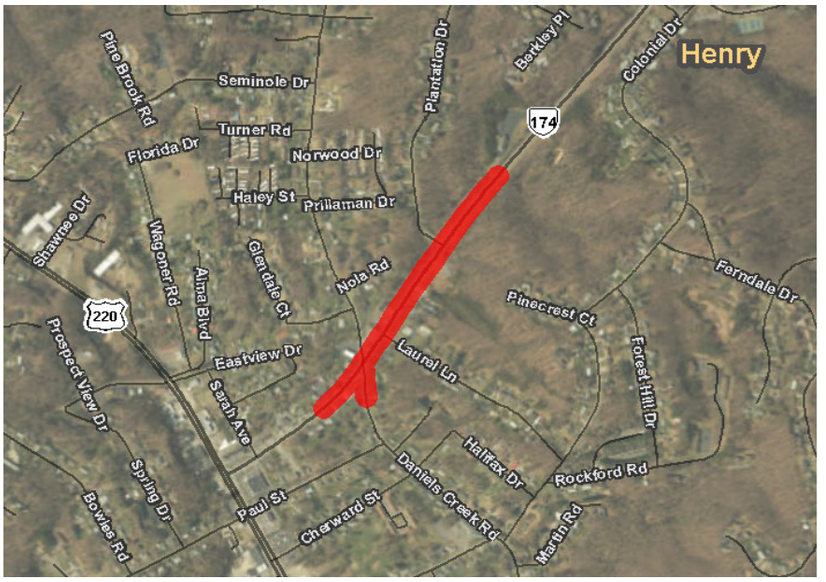
King's Mountain Road Widening

Project Id: 4002

Construct additional lane on Route 174 in order to accommodate left turn lanes

Submitting Entity: Henry County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Safety
(click here for details)





0.6
SMART SCALE SCORE

#347 OF 433 STATEWIDE

#39 OF 45 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$8,818,000**
Total Project Cost.....	**$8,818,000**
Project Benefit.....	**0.5**
Project Benefit / Total Cost.....	**0.6**

SMART SCALE Area Type D

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	0.4 person hrs.	7.5 EPDO	377.7 EPDO / 100M VMT	0.1 jobs per resident	0.1 jobs per resident	0.0 adjusted users	0.0 thousand adj sq. ft.	0.0 thousand adj daily tons	7,289,617.1 adj. buffer time index	0.0 adjusted points	0.4 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	2.2	0.8	0.0	0.0	0.0	0.0	0.0	0.2	0.0	1.3		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.0		1.5		0.0			0.0			0.6			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%		N/A	
Weighted Factor Value	0.0		0.4		0.0			0.0			0.1			
Project Benefit	0.5													
SMART SCALE Cost	$8,818,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.6**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

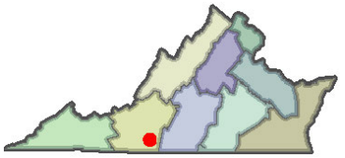
For more information on how to read a scorecard, click here.

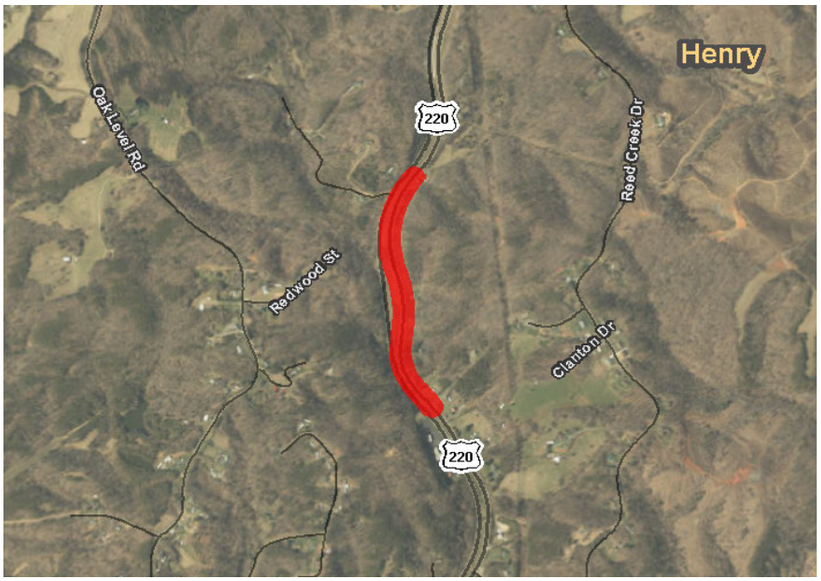
NBL Route 220 Relocation

Project Id: 4032

Relocate approximately 2500' of northbound 220 to improve vertical and horizontal alignment.

Submitting Entity: Henry County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: CoSS
(click here for details)





0.5
SMART SCALE SCORE

#358 OF 433 STATEWIDE

#41 OF 45 DISTRICTWIDE

SMART SCALE Requested Funds..... **$8,826,000**
Total Project Cost..... **$8,826,000**
Project Benefit..... **0.4**
Project Benefit / Total Cost..... **0.5**

SMART SCALE Area Type D

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	0.0 person hrs.	5.4 EPDO	398.1 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	0.0 thousand adj sq. ft.	0.0 thousand adj daily tons	1,627,899.8 adj. buffer time index	0.0 adjusted points	0.3 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	1.5	0.8	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	N/A
Factor Value	0.0		1.2		0.0			0.0			0.5			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%		N/A	
Weighted Factor Value	0.0		0.4		0.0			0.0			0.1			
Project Benefit	0.4													
SMART SCALE Cost	$8,826,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.5**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

Martinsville - Focus Area 1: Albert Harris Ele.

Project Id: 3467

Fayette Street - Complete Streets, Complete Community Focus Area 1: Albert Harris Elementary. Safe connections and access.

Submitting Entity: Martinsville City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Urban Development Area
(click here for details)

0.9
SMART SCALE SCORE

#297 OF 433 STATEWIDE

#33 OF 45 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$7,510,000**
Total Project Cost.....	**$7,510,000**
Project Benefit.....	**0.7**
Project Benefit / Total Cost.....	**0.9**

SMART SCALE Area Type D

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	15.4 persons	0.0 person hrs.	9.5 EPDO	672.8 EPDO / 100M VMT	0.2 jobs per resident	0.2 jobs per resident	23.1 adjusted users	0.0 thousand adj sq. ft.	0.0 thousand adj daily tons	0.0 adj. buffer time index	0.0 adjusted points	0.6 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.1	0.0	2.7	1.4	0.0	0.0	0.1	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	N/A
Factor Value	0.0		2.0		0.0			0.0			0.8			
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	0.7													
SMART SCALE Cost	$7,510,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.9**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

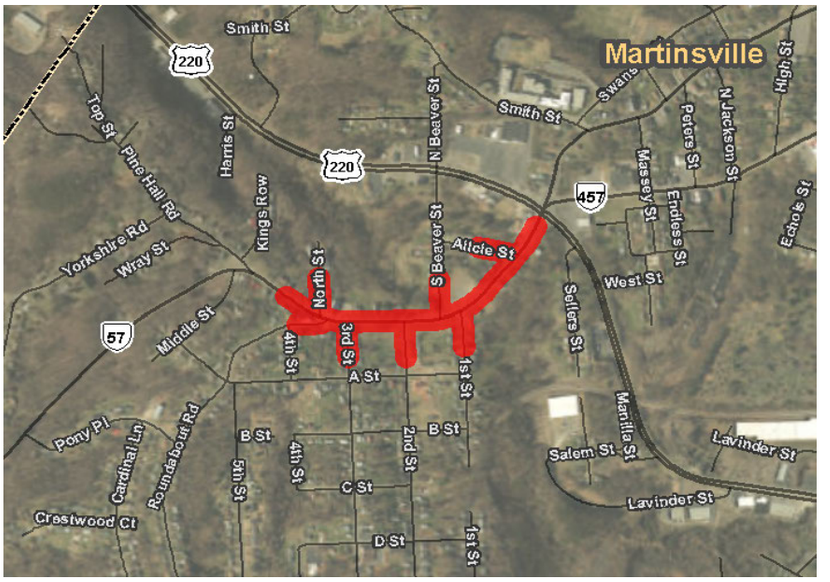
For more information on how to read a scorecard, click here.

Martinsville - Focus Area 3: Ailcie Street to Pine Hall Rd.

Project Id: 4223

Fayette Street - Complete Streets, Complete Community Focus Area 3: Ailcie Street to Pine Hall Road - the "West End". Safe connections and access.

Submitting Entity: Martinsville City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Urban Development Area
(click here for details)



2.7
SMART SCALE SCORE

#162 OF 433 STATEWIDE

#13 OF 45 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$6,054,000**
Total Project Cost.....	**$6,054,000**
Project Benefit.....	**1.7**
Project Benefit / Total Cost.....	**2.7**

SMART SCALE Area Type D

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	8.1 persons	0.2 person hrs.	13.1 EPDO	2,413.5 EPDO / 100M VMT	1.6 jobs per resident	1.6 jobs per resident	12.1 adjusted users	122,184.5 thousand adj sq. ft.	262.6 thousand adj daily tons	475,831.8 adj. buffer time index	16.2 adjusted points	1.4 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	3.7	5.0	0.0	0.0	0.0	0.6	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	N/A
Factor Value	0.0		4.4		0.0			0.4			2.1			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%		N/A	
Weighted Factor Value	0.0		1.3		0.0			0.1			0.2			
Project Benefit	1.7													
SMART SCALE Cost	$6,054,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**2.7**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

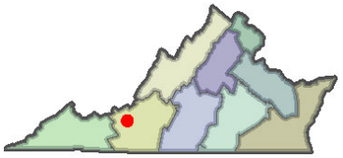
For more information on how to read a scorecard, click here.

Prices Fork/ Peppers Ferry Intersection

Project Id: 3542

Intersection improvements for vehicles and pedestrians in the Belview Village

Submitting Entity: Montgomery County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: Regional Network
(click here for details)



0.5
SMART SCALE SCORE

#350 OF 433 STATEWIDE

#40 OF 45 DISTRICTWIDE

SMART SCALE Requested Funds..... **$5,495,000**
Total Project Cost..... **$5,495,000**
Project Benefit..... **0.3**
Project Benefit / Total Cost..... **0.5**

SMART SCALE Area Type C														
Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	8.7 persons	3.4 person hrs.	3.6 EPDO	301.9 EPDO / 100M VMT	2.0 jobs per resident	1.9 jobs per resident	13.1 adjusted users	10,689.1 thousand adj sq. ft.	12,046.1 thousand adj daily tons	1,577,840.4 adj. buffer time index	17.5 adjusted points	0.2 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.1	1.0	0.6	0.0	0.0	0.0	0.1	0.3	0.0	0.1	0.7		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.0		0.8		0.0			0.1			0.4			
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	$5,495,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.5**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

Intersection Improvements at Route 460/637

Project Id: 3543

Intersection improvements for vehicles and access management in the Shawsville Village

Submitting Entity: Montgomery County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: CoSS
(click here for details)

1.7
SMART SCALE SCORE

#231 OF 433 STATEWIDE

#23 OF 45 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$6,812,000**
Total Project Cost.....	**$6,812,000**
Project Benefit.....	**1.2**
Project Benefit / Total Cost.....	**1.7**

SMART SCALE Area Type C

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	0.1 person hrs.	16.8 EPDO	1,703.4 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	19,440.3 thousand adj sq. ft.	0.0 thousand adj daily tons	1,282,115.4 adj. buffer time index	0.0 adjusted points	0.8 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	4.8	3.5	0.0	0.0	0.0	0.1	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	N/A
Factor Value	0.0		4.2		0.0			0.1			1.3			
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	1.2													
SMART SCALE Cost	$6,812,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.7**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

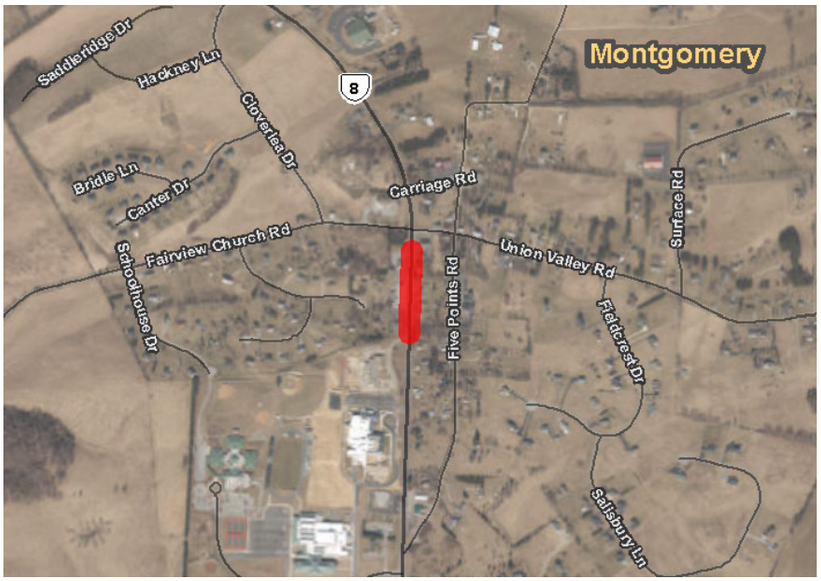
For more information on how to read a scorecard, click here.

Route 8 Widening and Pedestrian Improvements

Project Id: 4228

Construction of Center Turn Lane and Pedestrian Improvements in the Riner Village

Submitting Entity: Montgomery County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: Regional Network
(click here for details)



2.1
SMART SCALE SCORE

#201 OF 433 STATEWIDE

#19 OF 45 DISTRICTWIDE

SMART SCALE Requested Funds..... **$2,471,548**
Total Project Cost..... **$3,571,000**
Project Benefit..... **0.5**
Project Benefit / Total Cost..... **1.4**

SMART SCALE Area Type C

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	5.2 persons	0.0 person hrs.	3.3 EPDO	544.0 EPDO / 100M VMT	0.1 jobs per resident	0.1 jobs per resident	7.9 adjusted users	250,494.1 thousand adj sq. ft.	0.0 thousand adj daily tons	358,425.4 adj. buffer time index	0.0 adjusted points	0.4 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	0.9	1.1	0.0	0.0	0.0	1.3	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	N/A
Factor Value	0.0		1.0		0.0			0.8			0.6			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%		N/A	
Weighted Factor Value	0.0		0.3		0.0			0.2			0.1			
Project Benefit	0.5													
SMART SCALE Cost	$2,471,548													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**2.1**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

I-81/Route 8 (Exit 114) Park & Ride Lot

Project Id: 3839

Addition of a park & ride lot at I 81 Exit 114.

Submitting Entity:	New River Valley Metropolitan Planning Organization
Preliminary Engineering:	Not Started
Right of Way:	Not Started
Construction:	Not Started
Eligible Fund Program:	Statewide High Priority
VTRANS Need:	CoSS (click here for details)

2.4
SMART SCALE SCORE

#178 OF 433 STATEWIDE

#16 OF 45 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$4,731,000**
Total Project Cost.....	**$4,731,000**
Project Benefit.....	**1.1**
Project Benefit / Total Cost.....	**2.4**

SMART SCALE Area Type C

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	17.7 persons	2.2 person hrs.	1.4 EPDO	0.4 EPDO / 100M VMT	2.3 jobs per resident	2.2 jobs per resident	88.3 adjusted users	15,473.6 thousand adj sq. ft.	0.0 thousand adj daily tons	1,565,546.4 adj. buffer time index	2,511.7 adjusted points	0.9 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.1	0.0	0.4	0.0	0.0	0.0	0.3	0.1	0.0	0.0	17.7	2.8		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.0		0.2		0.1			0.1			10.3			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%		N/A	
Weighted Factor Value	0.0		0.0		0.0			0.0			1.0			
Project Benefit	1.1													
SMART SCALE Cost	$4,731,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**2.4**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

I-81/Route 8 (Exit 114) Interchange Improvements

Project Id: 3841

Route 8 operational improvements at the I 81/ Route 8 Interchange.

Submitting Entity: New River Valley Metropolitan Planning Organization
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Statewide High Priority
VTRANS Need: CoSS
(click here for details)

1.2
SMART SCALE SCORE

#268 OF 433 STATEWIDE

#30 OF 45 DISTRICTWIDE

SMART SCALE Requested Funds..... **$13,879,000**
Total Project Cost..... **$13,879,000**
Project Benefit..... **1.7**
Project Benefit / Total Cost..... **1.2**

SMART SCALE Area Type C														
Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	18.0 persons	117.7 person hrs.	23.2 EPDO	1,121.8 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	54.0 adjusted users	247,577.0 thousand adj sq. ft.	0.0 thousand adj daily tons	4,705,029.9 adj. buffer time index	72.0 adjusted points	1.4 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.1	1.8	6.7	2.3	0.0	0.0	0.2	1.3	0.0	0.1	0.5	4.3		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.9		4.5		0.0			0.8			2.4			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%		N/A	
Weighted Factor Value	0.1		1.1		0.0			0.2			0.2			
Project Benefit	1.7													
SMART SCALE Cost	$13,879,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.2**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT · DRPT · Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

Squirrel Spur

Project Id: 3602

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

Submitting Entity: Patrick County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Safety
(click here for details)

0.0
SMART SCALE SCORE

#431 OF 433 STATEWIDE

#45 OF 45 DISTRICTWIDE

SMART SCALE Requested Funds..... **$5,403,000**
Total Project Cost..... **$5,403,000**
Project Benefit..... **0.0**
Project Benefit / Total Cost..... **0.0**

SMART SCALE Area Type D

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	0.0 person hrs.	0.0 EPDO	0.0 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	0.0 thousand adj sq. ft.	0.0 thousand adj daily tons	0.0 adj. buffer time index	0.0 adjusted points	0.0 scaled points	access * pop/emp density.h	access * pop/emp density change.
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	N/A
Factor Value	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	$5,403,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.0**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

Claudville Hwy Intersection Improvement

Project Id: 3858

This is a safety project for the unsignalized intersection of Route 103 Claudville Hwy and Route 645 Archie's Creek Rd to lower the grade on Route 103 and cut the bank back at the corner of Route 103 and Route 645 to provide adequate sight distance.

Submitting Entity: Patrick County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Safety
(click here for details)

3.6
SMART SCALE SCORE

#133 OF 433 STATEWIDE

#10 OF 45 DISTRICTWIDE

SMART SCALE Requested Funds..... **$2,104,000**
Total Project Cost..... **$2,104,000**
Project Benefit..... **0.8**
Project Benefit / Total Cost..... **3.6**

SMART SCALE Area Type D

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	0.0 person hrs.	5.4 EPDO	1,386.3 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	0.0 thousand adj sq. ft.	0.0 thousand adj daily tons	333,438.0 adj. buffer time index	0.0 adjusted points	0.6 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	1.5	2.9	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	N/A
Factor Value	0.0		2.2		0.0			0.0			1.0			
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	$2,104,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**3.6**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

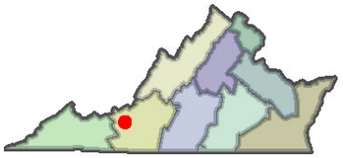
For more information on how to read a scorecard, click here.

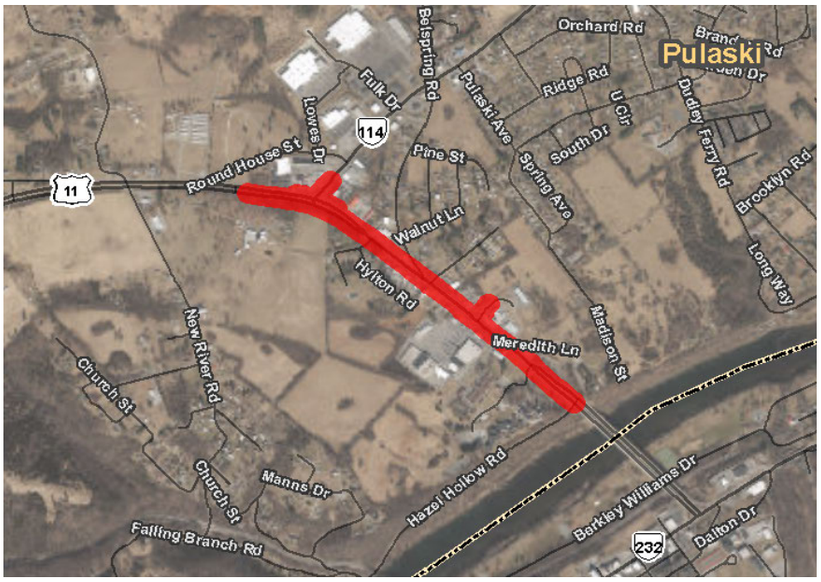
Route 11 Traffic Improvements Project - Pulaski County

Project Id: 4170

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.

Submitting Entity: Pulaski County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: CoSS
(click here for details)





0.9
SMART SCALE SCORE

#305 OF 433 STATEWIDE

#34 OF 45 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$6,823,000**
Total Project Cost.....	**$6,823,000**
Project Benefit.....	**0.6**
Project Benefit / Total Cost.....	**0.9**

SMART SCALE Area Type C

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	32.7 persons	0.8 person hrs.	8.0 EPDO	162.9 EPDO / 100M VMT	12.0 jobs per resident	11.2 jobs per resident	163.6 adjusted users	74,886.3 thousand adj sq. ft.	23,986.2 thousand adj daily tons	0.0 adj. buffer time index	98.1 adjusted points	0.4 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.1	0.0	2.3	0.3	0.2	0.2	0.6	0.4	0.5	0.0	0.7	1.1		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.1		1.3		0.3			0.3			0.9			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%		N/A	
Weighted Factor Value	0.0		0.3		0.1			0.1			0.1			
Project Benefit	0.6													
SMART SCALE Cost	$6,823,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.9**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

Valley View Blvd / Aviation Drive Pedestrian Improvements

Project Id: 3681

This project provides sidewalk accommodations from the Blacksburg-Roanoke Regional Airport to the 4800 block of Valley View Blvd. Note that Valley View Blvd changes to Aviation Drive at the Hershberger Road overpass.

Submitting Entity: Roanoke City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Urban Development Area
(click here for details)

3.7
SMART SCALE SCORE

#127 OF 433 STATEWIDE

#8 OF 45 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$3,022,859**
Total Project Cost.....	**$3,022,859**
Project Benefit.....	**1.1**
Project Benefit / Total Cost.....	**3.7**

SMART SCALE Area Type B

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	17.7 persons	0.0 person hrs.	3.8 EPDO	78.3 EPDO / 100M VMT	15.2 jobs per resident	15.3 jobs per resident	26.5 adjusted users	521,677.5 thousand adj sq. ft.	0.0 thousand adj daily tons	1,906,441.3 adj. buffer time index	0.0 adjusted points	0.9 scaled points	75,690.2 access * pop/emp density.h	8,856.9 access * pop/emp density change.
Normalized Measure Value (0-100)	0.1	0.0	1.1	0.2	0.3	0.3	0.1	2.7	0.0	0.0	0.0	2.8	5.7	2.5
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.0		0.6		0.2			1.6			1.4		4.8	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%		10%	
Weighted Factor Value	0.0		0.1		0.1			0.3			0.1		0.5	
Project Benefit	1.1													
SMART SCALE Cost	$3,022,859													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**3.7**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

13th Street Southeast Improvements

Project Id: 3720

This project provides pedestrian, bicycle, transit, paving and drainage improvements as a continuation of existing project (UPC 688). This project will extend the urban project to a more logical terminus.

Submitting Entity: Roanoke City
Preliminary Engineering: Underway
Right of Way: Complete
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Urban Development Area
(click here for details)

1.4
SMART SCALE SCORE

#250 OF 433 STATEWIDE

#25 OF 45 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$7,102,000**
Total Project Cost.....	**$7,302,000**
Project Benefit.....	**1.0**
Project Benefit / Total Cost.....	**1.4**

SMART SCALE Area Type B

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	146.4 persons	18.4 person hrs.	2.3 EPDO	287.6 EPDO / 100M VMT	1.6 jobs per resident	1.7 jobs per resident	76.1 adjusted users	109,433.6 thousand adj sq. ft.	139.1 thousand adj daily tons	1,000,627.5 adj. buffer time index	76.1 adjusted points	0.8 scaled points	94,493.1 access * pop/emp density.h	11,451.1 access * pop/emp density change.
Normalized Measure Value (0-100)	0.5	0.3	0.7	0.6	0.0	0.0	0.3	0.6	0.0	0.0	0.5	2.3	7.1	3.2
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.4		0.6		0.1			0.3			1.4		6.0	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%		10%	
Weighted Factor Value	0.1		0.1		0.0			0.1			0.1		0.6	
Project Benefit	1.0													
SMART SCALE Cost	$7,102,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.4**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

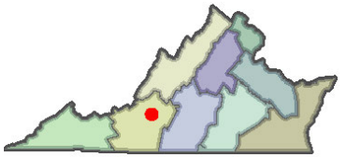
For more information on how to read a scorecard, click here.

Orange Avenue (US 460) Improvements

Project Id: 3764

Congestion, Safety, and Pedestrian improvements along Orange Avenue (US 460) between King Street and Blue Hills/Mexico Way.

Submitting Entity: Roanoke City
Preliminary Engineering: Not Started
Right of Way: Not Needed
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: CoSS
(click here for details)



12.3
SMART SCALE SCORE

#25 OF 433 STATEWIDE

#1 OF 45 DISTRICTWIDE

SMART SCALE Requested Funds..... **$2,818,704**
Total Project Cost..... **$2,818,704**
Project Benefit..... **3.5**
Project Benefit / Total Cost..... **12.3**

SMART SCALE Area Type B

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	36.5 persons	0.0 person hrs.	20.5 EPDO	762.5 EPDO / 100M VMT	1.8 jobs per resident	2.0 jobs per resident	54.8 adjusted users	3,434,865.1 thousand adj sq. ft.	0.0 thousand adj daily tons	12,446,241.3 adj. buffer time index	0.0 adjusted points	2.9 scaled points	23,119.2 access * pop/emp density.h	2,941.5 access * pop/emp density change.
Normalized Measure Value (0-100)	0.1	0.0	5.9	1.6	0.0	0.0	0.2	17.5	0.0	0.3	0.0	8.6	1.7	0.8
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.1		3.7		0.1			10.5			4.3		1.5	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%		10%	
Weighted Factor Value	0.0		0.7		0.0			2.1			0.4		0.1	
Project Benefit	3.5													
SMART SCALE Cost	$2,818,704													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**12.3**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT · DRPT · Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

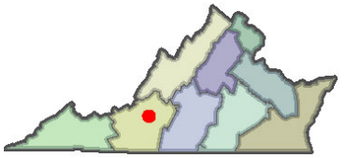
For more information on how to read a scorecard, click here.

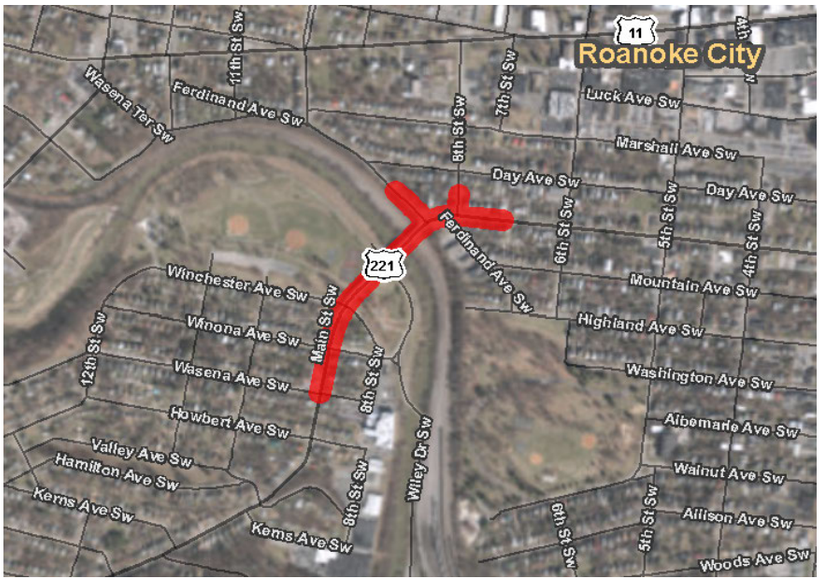
Main Street (Rte 221) Corridor Improvements

Project Id: 4053

Corridor improvements along Main Street from Wasena Avenue to 8th Street (0.32 miles).

Submitting Entity: Roanoke City
Preliminary Engineering: Underway
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Urban Development Area
(click here for details)





1.7
SMART SCALE SCORE

#235 OF 433 STATEWIDE

#24 OF 45 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$6,696,924**
Total Project Cost.....	**$30,696,924**
Project Benefit.....	**1.1**
Project Benefit / Total Cost.....	**0.4**

SMART SCALE Area Type B

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	39.7 persons	2.8 person hrs.	1.8 EPDO	239.0 EPDO / 100M VMT	3.2 jobs per resident	3.3 jobs per resident	119.0 adjusted users	0.0 thousand adj sq. ft.	37.6 thousand adj daily tons	813,279.5 adj. buffer time index	158.7 adjusted points	0.5 scaled points	131,306.4 access * pop/emp density.h	16,879.7 access * pop/emp density change.
Normalized Measure Value (0-100)	0.1	0.0	0.5	0.5	0.1	0.1	0.4	0.0	0.0	0.0	1.1	1.5	9.9	4.8
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.1		0.5		0.1			0.0			1.3		8.4	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%		10%	
Weighted Factor Value	0.0		0.1		0.0			0.0			0.1		0.8	
Project Benefit	1.1													
SMART SCALE Cost	$6,696,924													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.7**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

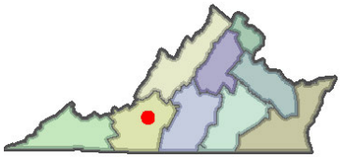
For more information on how to read a scorecard, click here.

Route 419 and Route 220 Diverging Diamond Interchange

Project Id: 3806

Route 419 and Route 220: Construct Diverging Diamond Interchange (DDI) and modify signals along the Route 419 corridor to improve operations by eliminating movements/phases, per the corridor operations analysis.

Submitting Entity: Roanoke County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: CoSS
(click here for details)



3.6
SMART SCALE SCORE

#132 OF 433 STATEWIDE

#9 OF 45 DISTRICTWIDE

SMART SCALE Requested Funds..... **$16,755,000**
Total Project Cost..... **$17,505,000**
Project Benefit..... **6.1**
Project Benefit / Total Cost..... **3.5**

SMART SCALE Area Type B

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	57.6 persons	1.7 person hrs.	92.0 EPDO	799.7 EPDO / 100M VMT	50.8 jobs per resident	51.0 jobs per resident	288.1 adjusted users	2,941,956.1 thousand adj sq. ft.	1,918.6 thousand adj daily tons	40,956,956.7 adj. buffer time index	288.1 adjusted points	5.0 scaled points	49,304.0 access * pop/emp density.h	7,443.3 access * pop/emp density change.
Normalized Measure Value (0-100)	0.2	0.0	26.4	1.7	0.9	0.9	1.0	15.0	0.0	0.9	2.0	15.2	3.7	2.1
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.1		14.0		0.9			9.2			8.6		3.2	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%		10%	
Weighted Factor Value	0.0		2.8		0.2			1.8			0.9		0.3	
Project Benefit	6.1													
SMART SCALE Cost	$16,755,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**3.6**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT · DRPT · Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

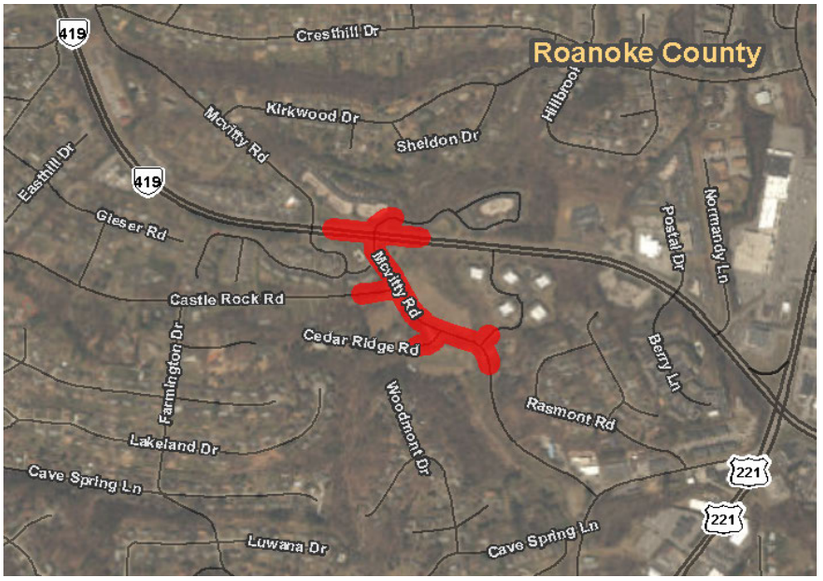
For more information on how to read a scorecard, click here.

McVitty Road Improvements

Project Id: 3810

Improve McVitty Road from Route 419 through Mudlick Creek bridge. An existing Secondary Six Year Improvement Project project, UPC 15187, with $4.4 M in previous funding expended for PE & RW, needs construction funding.

Submitting Entity:	Roanoke County
Preliminary Engineering:	Not Started
Right of Way:	Not Started
Construction:	Not Started
Eligible Fund Program:	District Grant
VTRANS Need:	Urban Development Area (click here for details)



0.7
SMART SCALE SCORE

#330 OF 433 STATEWIDE

#36 OF 45 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$9,998,000**
Total Project Cost.....	**$9,998,000**
Project Benefit.....	**0.7**
Project Benefit / Total Cost.....	**0.7**

SMART SCALE Area Type B

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	1.2 person hrs.	11.0 EPDO	600.7 EPDO / 100M VMT	0.7 jobs per resident	0.8 jobs per resident	0.0 adjusted users	14,181.4 thousand adj sq. ft.	0.0 thousand adj daily tons	4,280,075.6 adj. buffer time index	0.0 adjusted points	0.6 scaled points	23,266.2 access * pop/emp density.h	3,792.4 access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	3.1	1.2	0.0	0.0	0.0	0.1	0.0	0.1	0.0	1.7	1.8	1.1
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.0		2.2		0.0			0.1			0.9		1.6	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%		10%	
Weighted Factor Value	0.0		0.4		0.0			0.0			0.1		0.2	
Project Benefit	0.7													
SMART SCALE Cost	$9,998,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.7**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

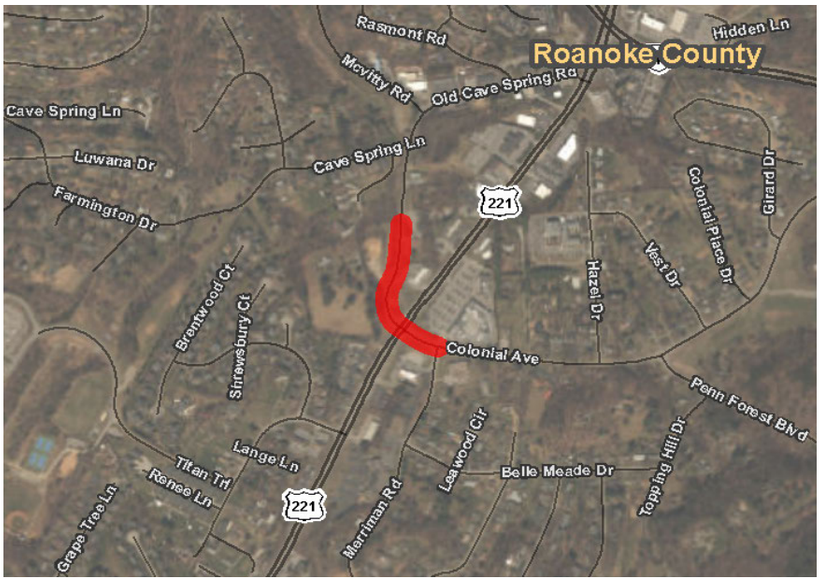
For more information on how to read a scorecard, click here.

Old Cave Spring Road Improvements

Project Id: 3811

Improve Old Cave Spring Road at the intersection with Brambleton Avenue. An existing Secondary Six Year Improvement Program project, UPC 15188, with $687,000 in previous funding expended for PE & RW, needs construction funding.

Submitting Entity: Roanoke County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Urban Development Area
(click here for details)



2.1
SMART SCALE SCORE

#199 OF 433 STATEWIDE

#18 OF 45 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$2,561,000**
Total Project Cost.....	**$2,561,000**
Project Benefit.....	**0.5**
Project Benefit / Total Cost.....	**2.1**

SMART SCALE Area Type B

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	0.8 person hrs.	6.8 EPDO	413.9 EPDO / 100M VMT	0.5 jobs per resident	0.5 jobs per resident	0.0 adjusted users	110,765.2 thousand adj sq. ft.	152.6 thousand adj daily tons	9,069,525.0 adj. buffer time index	0.0 adjusted points	0.4 scaled points	17,135.6 access * pop/emp density.h	2,771.1 access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	1.9	0.9	0.0	0.0	0.0	0.6	0.0	0.2	0.0	1.3	1.3	0.8
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.0		1.4		0.0			0.4			0.7		1.1	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%		10%	
Weighted Factor Value	0.0		0.3		0.0			0.1			0.1		0.1	
Project Benefit	0.5													
SMART SCALE Cost	$2,561,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**2.1**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

Williamson Road Sidewalk Improvements

Project Id: 4141

Construct sidewalk on the north side of Williamson Road, from Peters Creek Road to Plantation Road.

Submitting Entity: Roanoke County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Urban Development Area
(click here for details)

4.9
SMART SCALE SCORE

#93 OF 433 STATEWIDE

#4 OF 45 DISTRICTWIDE

SMART SCALE Requested Funds..... **$1,662,220**
Total Project Cost..... **$1,934,000**
Project Benefit..... **0.8**
Project Benefit / Total Cost..... **4.3**

SMART SCALE Area Type B														
Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	8.4 persons	0.0 person hrs.	12.3 EPDO	402.3 EPDO / 100M VMT	21.8 jobs per resident	21.9 jobs per resident	12.6 adjusted users	210,753.0 thousand adj sq. ft.	0.0 thousand adj daily tons	0.0 adj. buffer time index	0.0 adjusted points	0.7 scaled points	11,649.6 access * pop/emp density.h	1,458.5 access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	3.5	0.8	0.4	0.4	0.0	1.1	0.0	0.0	0.0	2.1	0.9	0.4
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.0		2.2		0.3			0.6			1.0		0.7	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%		10%	
Weighted Factor Value	0.0		0.4		0.1			0.1			0.1		0.1	
Project Benefit	0.8													
SMART SCALE Cost	$1,662,220													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**4.9**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

I-81 Southbound Improvements from Exit 150 to Weigh Station

Project Id: 3475

Provide a southbound auxiliary lane on I-81 between Exit 150 and Truck Weigh Station; will include southbound bridge widening over Tinker Creek and improved shoulder throughout project.

Submitting Entity: Roanoke Valley Transportation Planning Organization
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Statewide High Priority
VTRANS Need: CoSS
(click here for details)

0.2
SMART SCALE SCORE

#399 OF 433 STATEWIDE

#42 OF 45 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$24,037,000**
Total Project Cost.....	**$24,037,000**
Project Benefit.....	**0.5**
Project Benefit / Total Cost.....	**0.2**

SMART SCALE Area Type B

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	0.0 person hrs.	5.0 EPDO	74.6 EPDO / 100M VMT	0.1 jobs per resident	0.1 jobs per resident	0.0 adjusted users	390,655.8 thousand adj sq. ft.	0.0 thousand adj daily tons	2,210,694.6 adj. buffer time index	0.0 adjusted points	0.4 scaled points	662.5 access * pop/emp density.h	70.1 access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	1.4	0.2	0.0	0.0	0.0	2.0	0.0	0.1	0.0	1.2	0.1	0.0
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.0		0.8		0.0			1.2			0.6		0.0	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%		10%	
Weighted Factor Value	0.0		0.2		0.0			0.2			0.1		0.0	
Project Benefit	0.5													
SMART SCALE Cost	$24,037,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.2**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

I-81 Northbound Improvements between Exit 140 and 141

Project Id: 3477

Provide a northbound auxiliary lane on I-81 between Exit 140 and 141.

Submitting Entity: Roanoke Valley Transportation Planning Organization
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Statewide High Priority
VTRANS Need: CoSS
(click here for details)

1.3
SMART SCALE SCORE

#255 OF 433 STATEWIDE

#26 OF 45 DISTRICTWIDE

SMART SCALE Requested Funds..... **$14,446,000**
Total Project Cost..... **$14,446,000**
Project Benefit..... **1.9**
Project Benefit / Total Cost..... **1.3**

SMART SCALE Area Type B														
Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	58.8 persons	12.1 person hrs.	3.7 EPDO	24.0 EPDO / 100M VMT	54.1 jobs per resident	55.9 jobs per resident	0.0 adjusted users	176,482.8 thousand adj sq. ft.	585,148.2 thousand adj daily tons	4,069,948.9 adj. buffer time index	2,097.0 adjusted points	1.5 scaled points	6,684.6 access * pop/emp density.h	772.2 access * pop/emp density change.
Normalized Measure Value (0-100)	0.2	0.2	1.1	0.0	1.0	1.0	0.0	0.9	12.4	0.1	14.8	4.6	0.5	0.2
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.2		0.6		0.8			3.0			9.7		0.4	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%		10%	
Weighted Factor Value	0.0		0.1		0.2			0.6			1.0		0.0	
Project Benefit	1.9													
SMART SCALE Cost	$14,446,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.3**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT · DRPT · Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

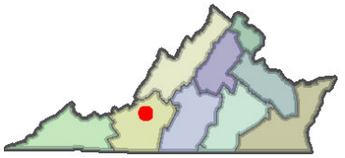
For more information on how to read a scorecard, click here.

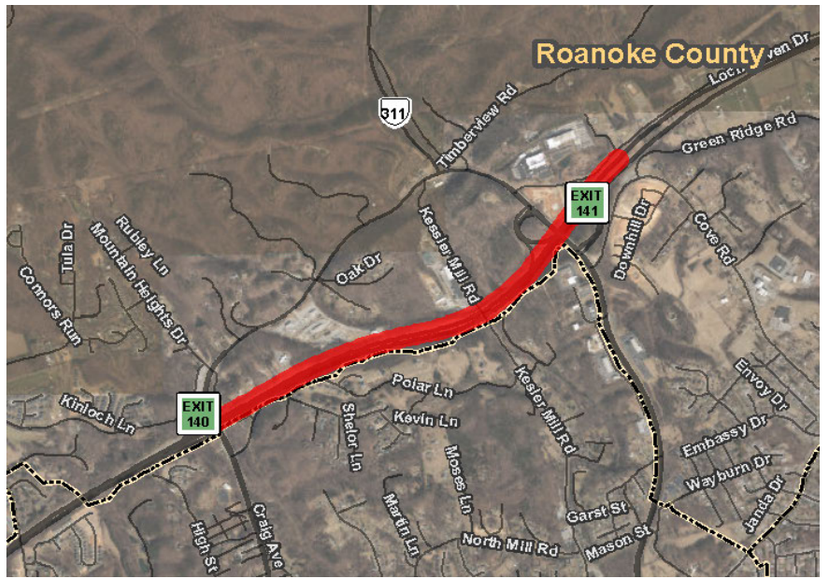
I-81 Southbound Improvements between Exit 141 and 140

Project Id: 3478

Provide a southbound auxiliary lane on I-81 between Exit 141 and 140.

Submitting Entity: Roanoke Valley Transportation Planning Organization
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Statewide High Priority
VTRANS Need: CoSS
(click here for details)





1.3
SMART SCALE SCORE

#262 OF 433 STATEWIDE

#28 OF 45 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$17,515,000**
Total Project Cost.....	**$23,515,000**
Project Benefit.....	**2.3**
Project Benefit / Total Cost.....	**1.0**

SMART SCALE Area Type B

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	200.4 persons	12.1 person hrs.	6.8 EPDO	34.4 EPDO / 100M VMT	40.2 jobs per resident	42.5 jobs per resident	0.0 adjusted users	499,997.9 thousand adj sq. ft.	647,412.3 thousand adj daily tons	7,111,991.6 adj. buffer time index	1,965.0 adjusted points	1.7 scaled points	6,196.2 access * pop/emp density.h	711.7 access * pop/emp density change.
Normalized Measure Value (0-100)	0.7	0.2	2.0	0.1	0.7	0.7	0.0	2.5	13.7	0.2	13.9	5.3	0.5	0.2
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.4		1.0		0.6			4.3			9.6		0.4	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%		10%	
Weighted Factor Value	0.1		0.2		0.1			0.9			1.0		0.0	
Project Benefit	2.3													
SMART SCALE Cost	$17,515,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.3**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

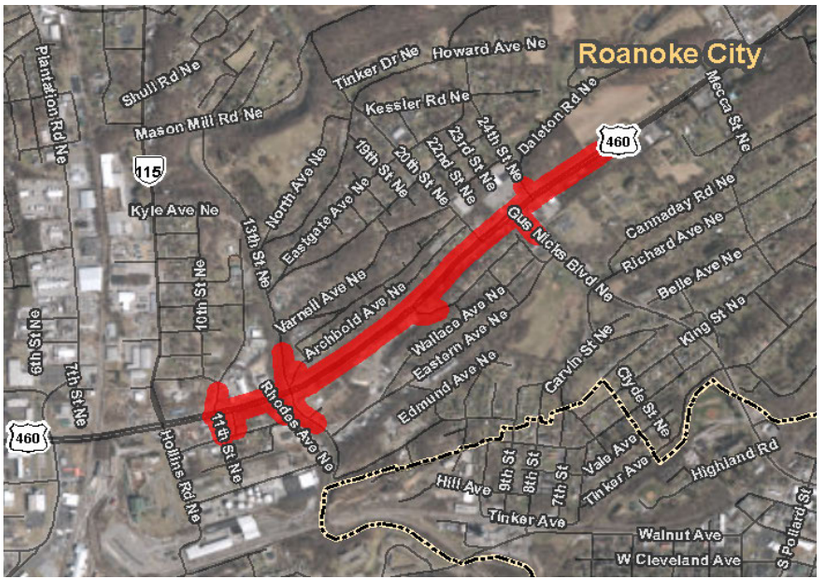
For more information on how to read a scorecard, click here.

Orange Avenue Improvements

Project Id: 3479

Widen Orange Avenue from two lanes in each direction to three lanes in each direction from and including the 11th Street, N.E intersection to approx. 1230 feet east of Gus NIcks Boulevard.

Submitting Entity: Roanoke Valley Transportation Planning Organization
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Statewide High Priority
VTRANS Need: CoSS
(click here for details)



0.7 SMART SCALE SCORE	#341 OF 433 STATEWIDE	SMART SCALE Requested Funds..... **$72,635,000**
		Total Project Cost..... **$77,195,000**
	#37 OF 45 DISTRICTWIDE	Project Benefit..... **4.8**
		Project Benefit / Total Cost..... **0.6**

SMART SCALE Area Type B														
Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	134.2 persons	44.8 person hrs.	49.7 EPDO	273.4 EPDO / 100M VMT	45.2 jobs per resident	45.6 jobs per resident	222.6 adjusted users	2,478,191.2 thousand adj sq. ft.	157,557.6 thousand adj daily tons	114,427,491.1 adj. buffer time index	296.8 adjusted points	3.9 scaled points	87,418.0 access * pop/emp density.h	11,488.1 access * pop/emp density change.
Normalized Measure Value (0-100)	0.5	0.7	14.2	0.6	0.8	0.8	0.8	12.6	3.3	2.6	2.1	11.8	6.6	3.3
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.6		7.4		0.8			8.8			6.9		5.6	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%		10%	
Weighted Factor Value	0.1		1.5		0.2			1.8			0.7		0.6	
Project Benefit	4.8													
SMART SCALE Cost	$72,635,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.7**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

I-81 Northbound Safety Improvements MM167.4 to MM169.5

Project Id: 3480

I-81 Northbound Safety Improvements MM167.4 to MM169.5

Submitting Entity: Roanoke Valley-Alleghany Regional Commission
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Statewide High Priority
VTRANS Need: CoSS
(click here for details)

0.2
SMART SCALE SCORE

#406 OF 433 STATEWIDE

#43 OF 45 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$134,646,000**
Total Project Cost.....	**$134,646,000**
Project Benefit.....	**2.4**
Project Benefit / Total Cost.....	**0.2**

SMART SCALE Area Type D

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	0.0 person hrs.	32.0 EPDO	104.7 EPDO / 100M VMT	4.1 jobs per resident	3.5 jobs per resident	0.0 adjusted users	43,216.1 thousand adj sq. ft.	406,996.6 thousand adj daily tons	12,084,810.7 adj. buffer time index	0.0 adjusted points	1.8 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	9.2	0.2	0.1	0.1	0.0	0.2	8.6	0.3	0.0	5.3		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.0		4.7		0.1			1.9			2.7			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%		N/A	
Weighted Factor Value	0.0		1.4		0.0			0.7			0.3			
Project Benefit	2.4													
SMART SCALE Cost	$134,646,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.2**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

U.S. 220 and Route 697/Wirtz Rd. Intersection Improvements

Project Id: 5086

Construction of a Restricted Crossing U-Turn at the intersection of U.S. 220 and Route 697 (Wirtz Road).

Submitting Entity:	Roanoke Valley-Alleghany Regional Commission
Preliminary Engineering:	Not Started
Right of Way:	Not Started
Construction:	Not Started
Eligible Fund Program:	Statewide High Priority
VTRANS Need:	CoSS (click here for details)

4.4
SMART SCALE SCORE

#104 OF 433 STATEWIDE

#6 OF 45 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$11,240,000**
Total Project Cost.....	**$11,240,000**
Project Benefit.....	**5.0**
Project Benefit / Total Cost.....	**4.4**

SMART SCALE Area Type D

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	4.4 person hrs.	24.2 EPDO	713.8 EPDO / 100M VMT	1.7 jobs per resident	1.7 jobs per resident	0.0 adjusted users	2,269,465.2 thousand adj sq. ft.	190,842.1 thousand adj daily tons	5,074,871.1 adj. buffer time index	1,010.0 adjusted points	4.1 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.1	6.9	1.5	0.0	0.0	0.0	11.6	4.0	0.1	7.1	12.5		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.0		4.2		0.0			7.8			9.8			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%		N/A	
Weighted Factor Value	0.0		1.3		0.0			2.7			1.0			
Project Benefit	5.0													
SMART SCALE Cost	$11,240,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**4.4**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

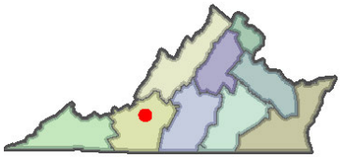
For more information on how to read a scorecard, click here.

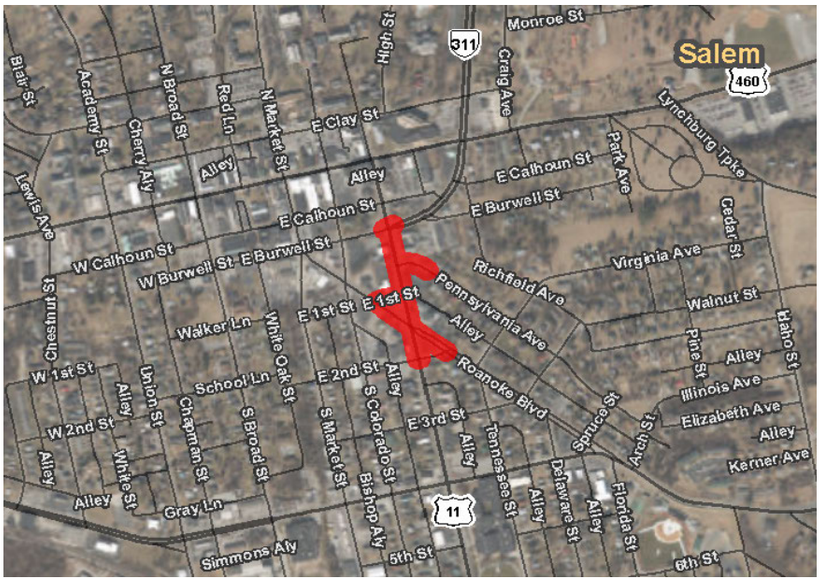
Downtown Salem - College Avenue Improvements

Project Id: 3971

Extend Slaem's Downtown Plan Intersection and Streetscape Improvements along College Avenue (US11) from the north side of Thompson Memorial Boulevard to the south side of 2nd Street. Project is similar to UPC 108853, and Smartscale ID 1341.

Submitting Entity: Salem City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: CoSS
(click here for details)





1.8 SMART SCALE SCORE			
	#228 OF 433 STATEWIDE	SMART SCALE Requested Funds.....	**$4,366,000**
	#22 OF 45 DISTRICTWIDE	Total Project Cost.....	**$4,366,000**
		Project Benefit.....	**0.8**
		Project Benefit / Total Cost.....	**1.8**

SMART SCALE Area Type B

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	8.9 persons	0.3 person hrs.	5.3 EPDO	1,014.0 EPDO / 100M VMT	4.6 jobs per resident	4.5 jobs per resident	44.3 adjusted users	298,973.8 thousand adj sq. ft.	525.3 thousand adj daily tons	820,816.3 adj. buffer time index	48.8 adjusted points	0.5 scaled points	15,312.0 access * pop/emp density.h	1,903.1 access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	1.5	2.1	0.1	0.1	0.2	1.5	0.0	0.0	0.3	1.6	1.2	0.5
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.0		1.8		0.1			0.9			1.0		1.0	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%		10%	
Weighted Factor Value	0.0		0.4		0.0			0.2			0.1		0.1	
Project Benefit	0.8													
SMART SCALE Cost	$4,366,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.8**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

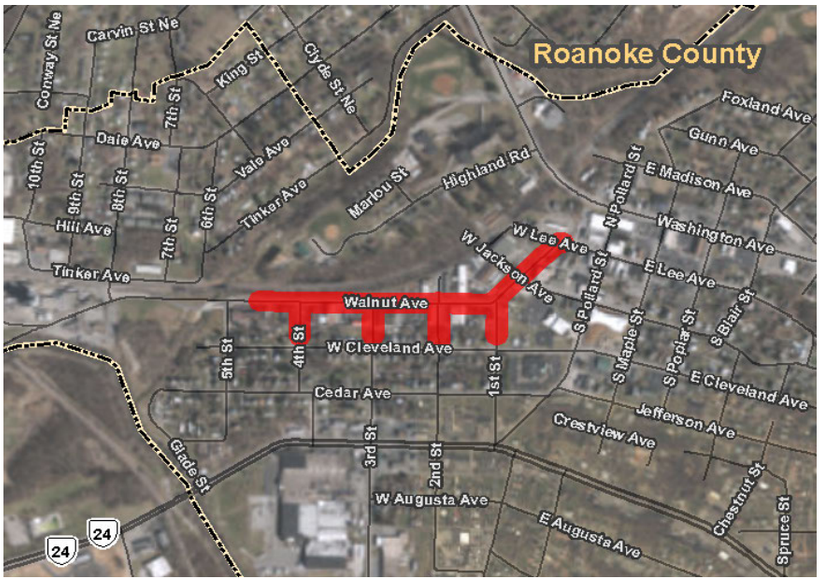
For more information on how to read a scorecard, click here.

Walnut Avenue Corridor Improvements Phase 2 Project

Project Id: 3755

The project will provide curb and gutter, sidewalks, crosswalks, designated bike lanes, pedestrian lighting and ADA ramps.

Submitting Entity: Vinton Town
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Urban Development Area
(click here for details)



1.1 SMART SCALE SCORE		
	#282 OF 433 STATEWIDE	SMART SCALE Requested Funds..... **$6,845,000**
	#32 OF 45 DISTRICTWIDE	Total Project Cost..... **$6,845,000**
		Project Benefit..... **0.8**
		Project Benefit / Total Cost..... **1.1**

SMART SCALE Area Type B														
Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	10.2 persons	0.6 person hrs.	5.3 EPDO	649.3 EPDO / 100M VMT	3.2 jobs per resident	3.3 jobs per resident	30.6 adjusted users	133,328.3 thousand adj sq. ft.	862.3 thousand adj daily tons	0.0 adj. buffer time index	40.8 adjusted points	0.5 scaled points	43,532.8 access * pop/emp density.h	5,605.7 access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	1.5	1.3	0.1	0.1	0.1	0.7	0.0	0.0	0.3	1.4	3.3	1.6
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	70%	30%
Factor Value	0.0		1.4		0.1			0.4			0.9		2.8	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%		10%	
Weighted Factor Value	0.0		0.3		0.0			0.1			0.1		0.3	
Project Benefit	0.8													
SMART SCALE Cost	$6,845,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.1**													

Revised: 01/22/2019

STAUNTON DISTRICT

SMART SCALE | *Funding the Right Transportation Projects in Virginia*

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

Project Id	Project Name	Organization	District Rank	State Rank	Page #
3647	Hot Springs - US 220 & VA 615 Intersection Improvements	Bath County	1	7	09-05
3918	Rte. 340/522 SB/I-66 WB On-Ramp Extension	Warren County	2	8	09-52
3929	John Marshall Hwy./Rte. 55 East Safety Improvement Project	Warren County	3	13	09-54
3662	I-81 Exit 291 Northbound Ramp Widening	Shenandoah County	4	18	09-45
3921	Rte. 340/522 Lighting Project	Warren County	5	21	09-53
3730	Intersection Improvements US-211/340 Big Oak Rd	Page County	6	24	09-39
3962	US 11 N (North Valley Pike) Sidewalk	Rockingham County	7	26	09-42
3611	East Main Streetscape	Waynesboro City	8	28	09-57
3698	RT 254 - RT 640 Intersection Safety Project	Augusta County	9	39	09-02
3689	Edgewood Road Sidewalk Improvements	Staunton City	10	45	09-46
3637	13th and Rosser Roundabout	Waynesboro City	11	46	09-58
3700	North Augusta Sidewalk--Lambert St to Terry Court	Staunton City	12	48	09-47
4247	Traffic Signal Improvements on Valley and Gerrard Corridors	Winchester City	13	50	09-62
4224	I-81 Exit 317 Accel/Decel Lane Extensions	Win-Fred Metropolitan Planning Organization	14	62	09-64
3588	University Blvd/Evelyn Byrd Ave Road Diet & Sidewalk	Harrisonburg City	15	69	09-30
3701	North Augusta Sidewalk--Terry Court to Meadowbrook Rd	Staunton City	16	73	09-48
3905	I-81 Mt. Sidney Rest Area NB Acceleration Lane Extension	Staunton-Augusta-Waynesboro Metropolitan Planning Organization	17	74	09-49
3979	US 33 & Rt 620 Turn Lanes	Rockingham County	18	77	09-43
3629	Shenandoah Co. / Oranda Road Park and Ride Expansion	Shenandoah County	19	79	09-44
4326	Bus Stop Improvements on US 250 at Sangers Lane/Brand Road	BRITE Transit	20	80	09-08
3601	Linden Park and Ride Lot Extension	Northern Shenandoah Valley Regional Commission	21	81	09-35
3610	Broad Street Streetscape	Waynesboro City	22	88	09-56
4617	Ox Road Bicycle and Pedestrian Improvements	Woodstock Town	23	89	09-68
4246	Pleasant Valley Road Traffic Improvements at Cork Street	Winchester City	24	95	09-61
3699	Woodrow Wilson Complex Short Term Access Improvements	Augusta County	25	99	09-03
3697	Weyers Cave Road (Rt. 256) Turn Lane Project	Augusta County	26	100	09-01
4027	US 33 (Market Street) and I-81 Exit 247 Improvements	Harrisonburg-Rockingham Metropolitan Planning Organization	27	101	09-32

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

Project Id	Project Name	Organization	District Rank	State Rank	Page #
4028	Mount Crawford Park and Ride Lot Improvements	Harrisonburg-Rockingham Metropolitan Planning Organization	28	103	09-33
4237	I-81 Exit 313 Bridge Capacity Improvement	Win-Fred Metropolitan Planning Organization	29	109	09-66
3659	Route 11 - Shawnee Improvement	Frederick County	30	112	09-24
4128	Route 11 South Corridor Enhancements	Northern Shenandoah Valley Regional Commission	31	120	09-38
3587	Carlton Street Improvements	Harrisonburg City	32	146	09-29
3817	Route 42 Corridor Improvements - East	Woodstock Town	33	151	09-67
3888	VA 259 Left Turn Lanes onto Spar Mine Rd & Hawks Hill Dr	Broadway Town	34	154	09-12
3528	Traffic Improvements on Jubal Early Drive at Pleasant Valley	Winchester City	35	158	09-59
4714	Route 42 Corridor Improvements	Woodstock Town	36	175	09-70
3658	Exit 317 NB Ramp Realignment to Redbud Rd Location	Frederick County	37	186	09-23
4174	I-81 Winchester Shoulder Improvement Project	Win-Fred Metropolitan Planning Organization	38	193	09-63
4882	I-81 SB TCL MM 236.5 to MM 234.6	Staunton-Augusta-Waynesboro Metropolitan Planning Organization	39	202	09-51
3906	I-64 Exit 94 westbound off-ramp improvements	Staunton-Augusta-Waynesboro Metropolitan Planning Organization	40	205	09-50
4631	Water Street Bicycle and Pedestrian Improvements	Woodstock Town	41	213	09-69
4244	Millwood Avenue Traffic Improvements	Winchester City	42	216	09-60
3926	VA 276 Left Turn Lanes @ VA 253	Rockingham County	43	221	09-41
3914	I-81 NB TCL from MM 236.5 to MM 237.75	Central Shenandoah Planning District Commission	44	226	09-16
3608	Intersection Improvements,Route 79 at Route 55	Northern Shenandoah Valley Regional Commission	45	236	09-36
4514	Intersection Improvement US 340 and Route 660	Page County	46	239	09-40
4231	I-81 Exit 307 Roundabouts	Win-Fred Metropolitan Planning Organization	47	240	09-65
3445	HARRISONBURG TRANSIT CENTER AND PARK AND RIDE	Harrisonburg Department of Public Transportation	48	242	09-31
3615	VA 259 Brock's Gap Rd/ Lee St Pedestrian Improvements	Broadway Town	49	246	09-11
3717	East Madison Sidewalk Improvements	Covington City	50	248	09-21
4060	Ridgeway Street/U.S. 60 Bicycle/Pedestrian Improvements	Clifton Forge Town	51	267	09-17
3609	Lew Dewitt - Rosser Connector	Waynesboro City	52	271	09-55
3663	East Main Street Section 2	Berryville Town	53	276	09-07
3661	East Main Street Section 1	Berryville Town	54	286	09-06
3716	Edgemont Drive Improvements	Covington City	55	296	09-20

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

Project Id	Project Name	Organization	District Rank	State Rank	Page #
3992	South Main Street Pedestrian Improvements	Lexington City	56	298	09-34
4732	522/Costello Turn Lane/Intersection Operations Improvements	Frederick County	57	306	09-25
3702	Woodrow Wilson Complex Long Term Access Improvements	Augusta County	58	308	09-04
3585	Mt. Clinton Pike Road Improvements	Harrisonburg City	59	324	09-27
4124	I-81 Exit 300 at I-66E Northbound Widening	Northern Shenandoah Valley Regional Commission	60	327	09-37
3913	I-81 NB TCL Extension, Exits 191-195	Central Shenandoah Planning District Commission	61	337	09-15
3911	I-81 NB/SB inside shoulder improvements from Exit 200 to 205	Central Shenandoah Planning District Commission	62	339	09-14
3586	Erickson Avenue Turn Lanes	Harrisonburg City	63	359	09-28
3657	Route 11 Corridor and Old Charlestown Road Roundabout	Frederick County	64	367	09-22
3614	Sunset Drive Sidewalk Improvements	Broadway Town	65	380	09-10
4103	Rockbridge Avenue Sidewalk	Buena Vista City	66	384	09-13
3434	Happy Creek Phase Two	Front Royal Town	67	387	09-26
3616	Paper Trail Pedestrian Bridge	Covington City	68	408	09-18
3613	Linville Creek Greenway	Broadway Town	69	423	09-09
3715	Jackson Street Improvements	Covington City	70	426	09-19

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT · DRPT · Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

Weyers Cave Road (Rt. 256) Turn Lane Project

Project Id: 3697

Improve Weyers Cave Road (Rt. 256) from the northbound I-81 ramps to Triangle Drive by adding a median, turn lanes and a shared use path. Project includes the construction of a new park and ride facility (50 spaces).

Submitting Entity: Augusta County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: CoSS
(click here for details)

4.7
SMART SCALE SCORE

#100 OF 433 STATEWIDE

#26 OF 70 DISTRICTWIDE

SMART SCALE Requested Funds..... **$5,692,135**
Total Project Cost..... **$5,692,135**
Project Benefit..... **2.7**
Project Benefit / Total Cost..... **4.7**

SMART SCALE Area Type D

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	21.9 persons	7.1 person hrs.	2.6 EPDO	0.4 EPDO / 100M VMT	1.6 jobs per resident	1.8 jobs per resident	109.5 adjusted users	953,554.9 thousand adj sq. ft.	0.0 thousand adj daily tons	3,945,458.1 adj. buffer time index	3,350.3 adjusted points	2.2 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.1	0.1	0.8	0.0	0.0	0.0	0.4	4.9	0.0	0.1	23.7	6.7		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.1		0.4		0.1			2.9			15.2			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%		N/A	
Weighted Factor Value	0.0		0.1		0.0			1.0			1.5			
Project Benefit	2.7													
SMART SCALE Cost	$5,692,135													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**4.7**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

RT 254 - RT 640 Intersection Safety Project

Project Id: 3698

Intersection project consists of geometric improvements on approaches and Route 254 right turn lanes on both northbound and southbound approaches.

Submitting Entity: Augusta County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Safety
(click here for details)

9.7
SMART SCALE SCORE

#39 OF 433 STATEWIDE

#9 OF 70 DISTRICTWIDE

SMART SCALE Requested Funds..... **$1,165,137**
Total Project Cost..... **$1,165,137**
Project Benefit..... **1.1**
Project Benefit / Total Cost..... **9.7**

SMART SCALE Area Type C

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	0.0 person hrs.	8.6 EPDO	2,650.2 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	0.0 thousand adj sq. ft.	0.0 thousand adj daily tons	122,596.4 adj. buffer time index	0.0 adjusted points	0.9 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	2.5	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.0		4.0		0.0			0.0			1.4			
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	1.1													
SMART SCALE Cost	$1,165,137													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**9.7**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

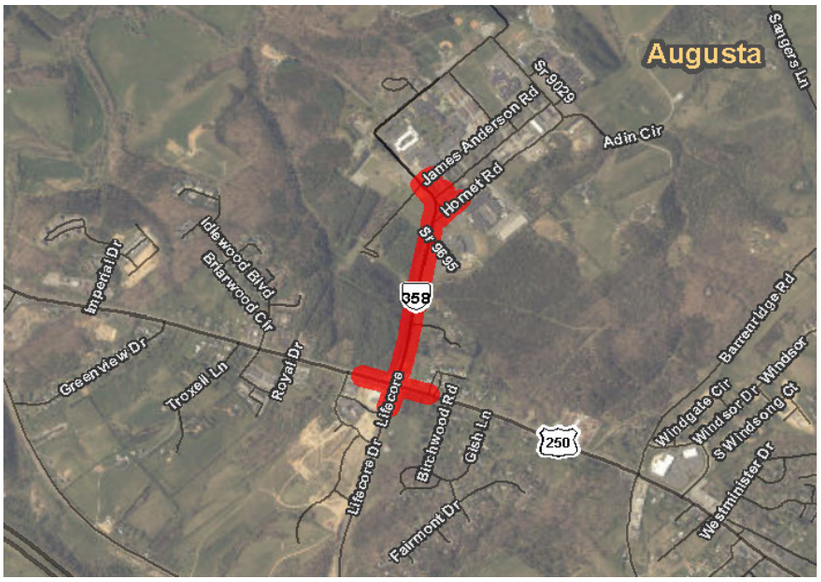
For more information on how to read a scorecard, click here.

Woodrow Wilson Complex Short Term Access Improvements

Project Id: 3699

Project implements short term recommendations of SAWMPO Study. Project includes turn lanes and signal timing improvements at the intersection of US 250 and SR 358.

Submitting Entity: Augusta County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: CoSS
(click here for details)



4.8
SMART SCALE SCORE

#99 OF 433 STATEWIDE

#25 OF 70 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$4,294,032**
Total Project Cost.....	**$4,294,032**
Project Benefit.....	**2.1**
Project Benefit / Total Cost.....	**4.8**

SMART SCALE Area Type C

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	463.5 persons	19.4 person hrs.	10.0 EPDO	1,025.9 EPDO / 100M VMT	18.9 jobs per resident	9.9 jobs per resident	0.0 adjusted users	1,298,651.5 thousand adj sq. ft.	2,853.0 thousand adj daily tons	2,667,201.9 adj. buffer time index	0.0 adjusted points	1.6 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	1.6	0.3	2.9	2.1	0.3	0.2	0.0	6.6	0.1	0.1	0.0	4.8		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	1.0		2.5		0.2			4.0			2.4			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%		N/A	
Weighted Factor Value	0.1		0.6		0.1			1.0			0.2			
Project Benefit	2.1													
SMART SCALE Cost	$4,294,032													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**4.8**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

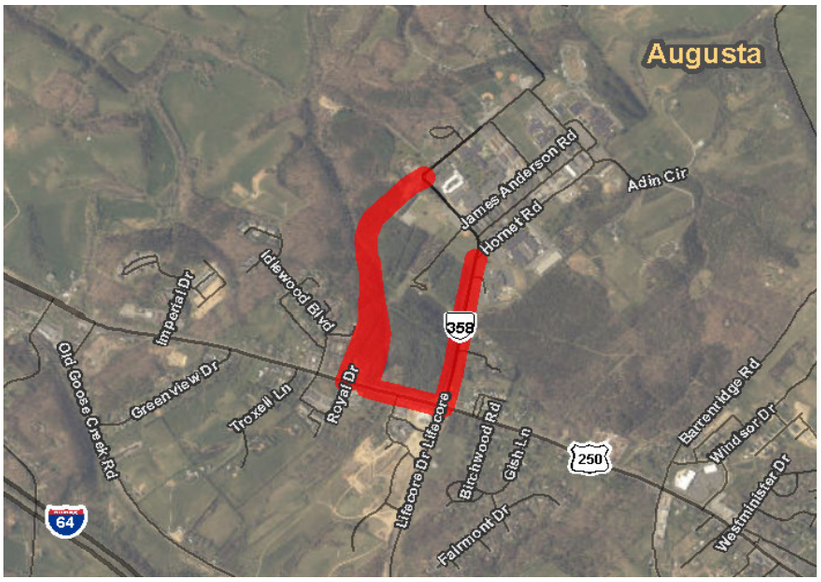
For more information on how to read a scorecard, click here.

Woodrow Wilson Complex Long Term Access Improvements

Project Id: 3702

Project implements long term and short term recommendations of SAWMPO Study. Project includes turn lane and signal timing improvements at US 250 /SR 358 and 3,700 feet of new construction on a new alignment to connect US 250 with the WWRC complex.

Submitting Entity: Augusta County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: CoSS
(click here for details)



0.8
SMART SCALE SCORE

#308 OF 433 STATEWIDE

#58 OF 70 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$18,699,156**
Total Project Cost.....	**$18,699,156**
Project Benefit.....	**1.5**
Project Benefit / Total Cost.....	**0.8**

SMART SCALE Area Type C

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	483.1 persons	19.4 person hrs.	0.0 EPDO	0.0 EPDO / 100M VMT	49.3 jobs per resident	14.7 jobs per resident	98.0 adjusted users	1,288,762.8 thousand adj sq. ft.	7,756.2 thousand adj daily tons	3,499,396.8 adj. buffer time index	98.0 adjusted points	1.2 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	1.7	0.3	0.0	0.0	0.9	0.3	0.4	6.6	0.2	0.1	0.7	3.5		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	1.0		0.0		0.6			4.0			2.1			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%		N/A	
Weighted Factor Value	0.2		0.0		0.2			1.0			0.2			
Project Benefit	1.5													
SMART SCALE Cost	$18,699,156													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.8**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT · DRPT · Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

Hot Springs - US 220 & VA 615 Intersection Improvements

Project Id: 3647

Widen Sidewalks at the VA 615 leg of T-intersection. Upgrade all crosswalks to continental-style. Add a crosswalk near the post office and connect to sidewalk bump-out. Add street lighting and pedestrian actuated crosswalk beacons on US 220.

Submitting Entity: Bath County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Urban Development Area
(click here for details)

42.8
SMART SCALE SCORE

#7 OF 433 STATEWIDE

#1 OF 70 DISTRICTWIDE

SMART SCALE Requested Funds..... **$560,769**
Total Project Cost..... **$560,769**
Project Benefit..... **2.4**
Project Benefit / Total Cost..... **42.8**

SMART SCALE Area Type D														
Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	136.0 persons	0.0 person hrs.	10.5 EPDO	5,187.6 EPDO / 100M VMT	1.0 jobs per resident	1.0 jobs per resident	204.0 adjusted users	13,502.0 thousand adj sq. ft.	0.0 thousand adj daily tons	0.0 adj. buffer time index	0.0 adjusted points	1.9 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.5	0.0	3.0	10.7	0.0	0.0	0.7	0.1	0.0	0.0	0.0	5.7		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.2		6.9		0.2			0.0			2.8			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%		N/A	
Weighted Factor Value	0.0		2.1		0.0			0.0			0.3			
Project Benefit	2.4													
SMART SCALE Cost	$560,769													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**42.8**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

East Main Street Section 1

Project Id: 3661

Pedestrian upgrades to East Main Street (007) from the Norfolk Southern Railroad tracks 0.2 miles east to the intersection of Jack Enders Boulevard (700).

Submitting Entity: Berryville Town
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Urban Development Area
(click here for details)

1.1
SMART SCALE SCORE

#286 OF 433 STATEWIDE

#54 OF 70 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$2,228,767**
Total Project Cost.....	**$2,228,767**
Project Benefit.....	**0.2**
Project Benefit / Total Cost.....	**1.1**

SMART SCALE Area Type D

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	2.9 persons	0.0 person hrs.	0.0 EPDO	0.0 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	4.3 adjusted users	192,967.0 thousand adj sq. ft.	0.0 thousand adj daily tons	0.0 adj. buffer time index	0.0 adjusted points	0.2 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	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	N/A
Factor Value	0.0		0.0		0.0			0.6			0.3			
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	$2,228,767													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.1**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

East Main Street Section 2

Project Id: 3663

Pedestrian upgrades to the north side of East Main Street (007) between Jack Enders Boulevard (700) and Battletown Drive (671).

Submitting Entity: Berryville Town
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Urban Development Area
(click here for details)

1.1
SMART SCALE SCORE

#276 OF 433 STATEWIDE

#53 OF 70 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$2,261,577**
Total Project Cost.....	**$2,261,577**
Project Benefit.....	**0.3**
Project Benefit / Total Cost.....	**1.1**

SMART SCALE Area Type D

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	2.9 persons	0.0 person hrs.	0.2 EPDO	42.4 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	4.3 adjusted users	192,967.0 thousand adj sq. ft.	0.0 thousand adj daily tons	0.0 adj. buffer time index	0.0 adjusted points	0.2 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	0.1	0.1	0.0	0.0	0.0	1.0	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	N/A
Factor Value	0.0		0.1		0.0			0.6			0.3			
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	0.3													
SMART SCALE Cost	$2,261,577													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.1**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

Bus Stop Improvements on US 250 at Sangers Lane/Brand Road

Project Id: 4326

In Augusta County adjacent to the City of Staunton, improve pedestrian, operator and rider safety conditions on the 250 Connector Route at the eastbound & westbound bus stops located on US 250 at the intersection with Brand Station Road/Sangers Lane.

Submitting Entity: BRITE Transit
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Statewide High Priority
VTRANS Need: CoSS
(click here for details)

5.9
SMART SCALE SCORE

#80 OF 433 STATEWIDE

#20 OF 70 DISTRICTWIDE

SMART SCALE Requested Funds..... **$2,521,999**
Total Project Cost..... **$2,521,999**
Project Benefit..... **1.5**
Project Benefit / Total Cost..... **5.9**

SMART SCALE Area Type C

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	16.5 persons	1.3 person hrs.	4.2 EPDO	0.5 EPDO / 100M VMT	0.1 jobs per resident	0.0 jobs per resident	82.4 adjusted users	235,240.6 thousand adj sq. ft.	0.0 thousand adj daily tons	1,220,564.1 adj. buffer time index	2,241.6 adjusted points	1.2 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.1	0.0	1.2	0.0	0.0	0.0	0.3	1.2	0.0	0.0	15.8	3.7		
Measure Weight (% of Factor)	50%	50%	100%	0%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.0		1.2		0.1			0.7			9.7			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%		N/A	
Weighted Factor Value	0.0		0.3		0.0			0.2			1.0			
Project Benefit	1.5													
SMART SCALE Cost	$2,521,999													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**5.9**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

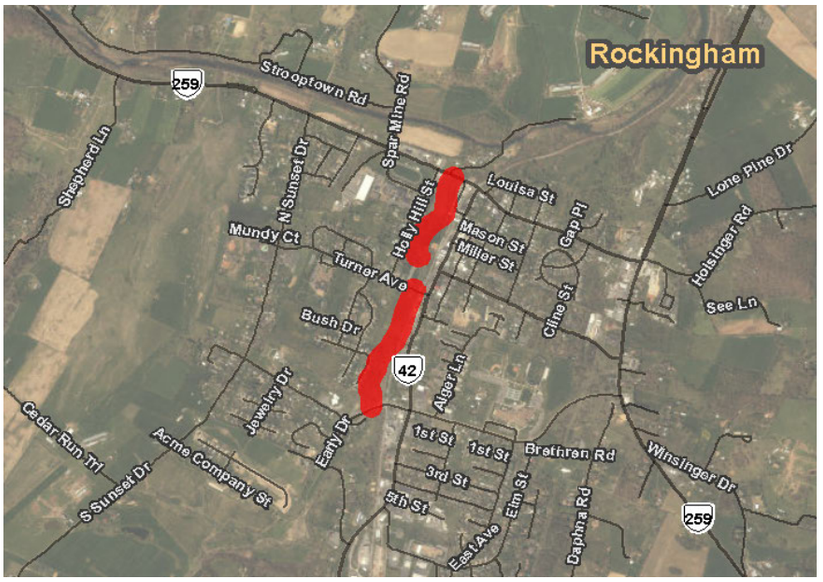
For more information on how to read a scorecard, click here.

Linville Creek Greenway

Project Id: 3613

Construct a 10-foot wide shared use path along the western bank of Linville Creek from Springbrook Road to West Lee Street (VA 259), approximately 0.9-miles. Install an electric vehicle charging station at the Heritage Park parking lot.

Submitting Entity: Broadway Town
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Urban Development Area
(click here for details)



0.0 SMART SCALE SCORE	**#423** OF 433 STATEWIDE	SMART SCALE Requested Funds..... **$1,567,220**
	#69 OF 70 DISTRICTWIDE	Total Project Cost..... **$1,567,220**
		Project Benefit..... **0.0**
		Project Benefit / Total Cost..... **0.0**

SMART SCALE Area Type D

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	8.7 persons	0.0 person hrs.	0.0 EPDO	0.0 EPDO / 100M VMT	1.0 jobs per resident	0.0 jobs per resident	26.1 adjusted users	0.0 thousand adj sq. ft.	0.0 thousand adj daily tons	0.0 adj. buffer time index	0.0 adjusted points	0.0 scaled points	access * pop/emp density.h	access * pop/emp density change.
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	0.0	0.0		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	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	$1,567,220													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.0**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

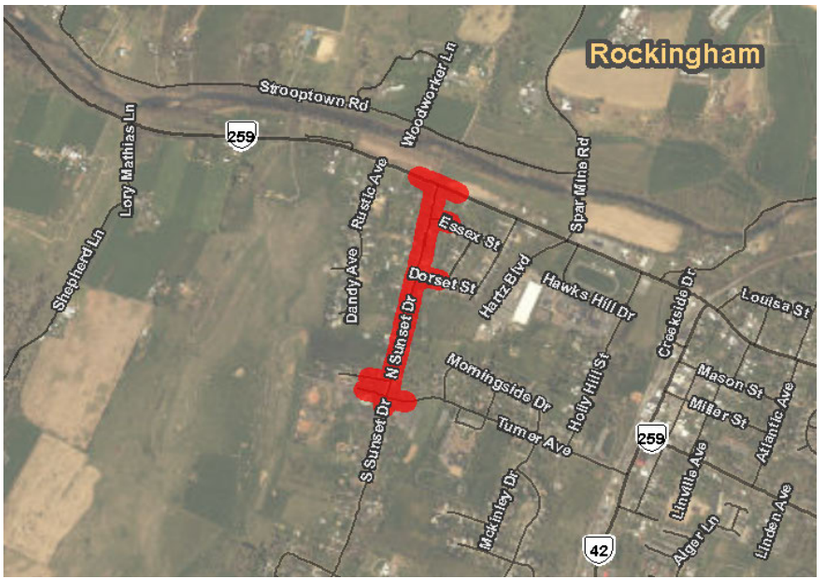
For more information on how to read a scorecard, click here.

Sunset Drive Sidewalk Improvements

Project Id: 3614

Construct 5 foot sidewalks, plus a 0-4 foot grass buffer section with curb and gutter on the western side of Sunset Drive from Brock's Gap Road to (VA 259) to Turner Avenue (0.48 miles). Add crosswalks at Mundy Ct and Turner Ave/ Park entrance.

Submitting Entity: Broadway Town
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Urban Development Area
(click here for details)



0.3
SMART SCALE SCORE

#380 OF 433 STATEWIDE

#65 OF 70 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$2,442,314**
Total Project Cost.....	**$2,442,314**
Project Benefit.....	**0.1**
Project Benefit / Total Cost.....	**0.3**

SMART SCALE Area Type D

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	1.9 persons	0.0 person hrs.	0.7 EPDO	118.2 EPDO / 100M VMT	0.3 jobs per resident	0.0 jobs per resident	2.9 adjusted users	0.0 thousand adj sq. ft.	0.0 thousand adj daily tons	0.0 adj. buffer time index	0.0 adjusted points	0.1 scaled points	access * pop/emp density.h	access * pop/emp density change.
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	0.2		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.0		0.2		0.0			0.0			0.1			
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	$2,442,314													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.3**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

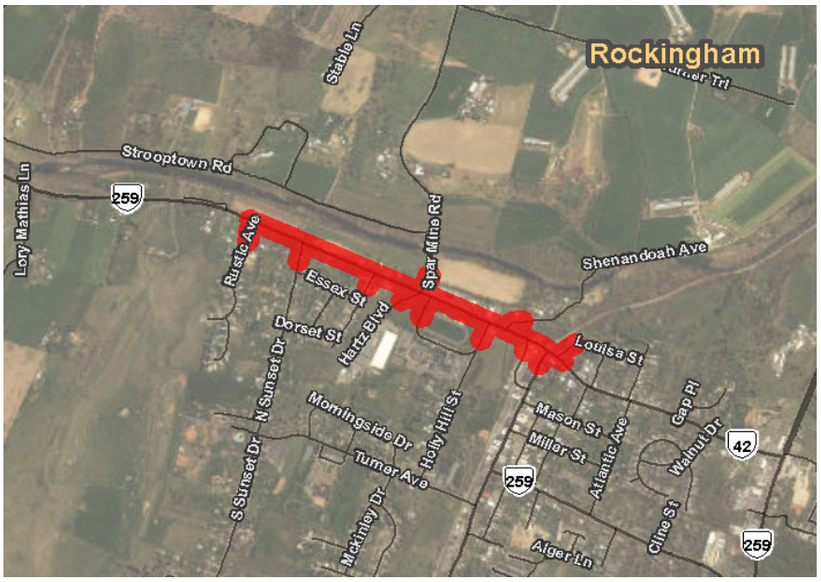
For more information on how to read a scorecard, click here.

VA 259 Brock's Gap Rd/ Lee St Pedestrian Improvements

Project Id: 3615

Construct sidewalk, curb & gutter on the south side of VA 259 Brock's Gap Rd from Rustic Avenue to western terminus of the Linville Creek Bridge project. Add crosswalks at Holly Hill St, N Sunset Dr, and at the Lee St and VA 42 Main St intersection.

Submitting Entity: Broadway Town
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Urban Development Area
(click here for details)



1.5
SMART SCALE SCORE

#246 OF 433 STATEWIDE

#49 OF 70 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$2,683,120**
Total Project Cost.....	**$2,683,120**
Project Benefit.....	**0.4**
Project Benefit / Total Cost.....	**1.5**

SMART SCALE Area Type D

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	9.2 persons	0.0 person hrs.	3.2 EPDO	108.1 EPDO / 100M VMT	5.8 jobs per resident	3.3 jobs per resident	13.9 adjusted users	145,979.5 thousand adj sq. ft.	0.0 thousand adj daily tons	0.0 adj. buffer time index	0.0 adjusted points	0.3 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	0.9	0.2	0.1	0.1	0.0	0.7	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	N/A
Factor Value	0.0		0.6		0.1			0.4			0.5			
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	0.4													
SMART SCALE Cost	$2,683,120													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.5**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

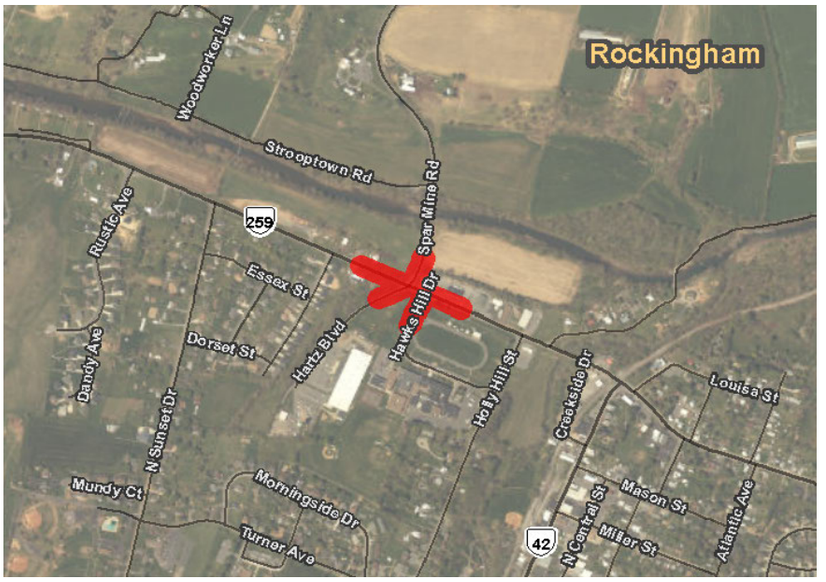
For more information on how to read a scorecard, click here.

VA 259 Left Turn Lanes onto Spar Mine Rd & Hawks Hill Dr

Project Id: 3888

Add full width left turn lanes from VA 259 Brock's Gap Road onto Hawks Hill Drive and Spar Mine Road.

Submitting Entity: Broadway Town
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Urban Development Area
(click here for details)



2.9
SMART SCALE SCORE

#154 OF 433 STATEWIDE

#34 OF 70 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$1,837,537**
Total Project Cost.....	**$1,837,537**
Project Benefit.....	**0.5**
Project Benefit / Total Cost.....	**2.9**

SMART SCALE Area Type D

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	0.1 person hrs.	3.2 EPDO	539.6 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	145,979.5 thousand adj sq. ft.	0.0 thousand adj daily tons	630,415.4 adj. buffer time index	0.0 adjusted points	0.4 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	0.9	1.1	0.0	0.0	0.0	0.7	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	N/A
Factor Value	0.0		1.0		0.0			0.4			0.7			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%		N/A	
Weighted Factor Value	0.0		0.3		0.0			0.2			0.1			
Project Benefit	0.5													
SMART SCALE Cost	$1,837,537													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**2.9**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

Rockbridge Avenue Sidewalk

Project Id: 4103

Construct new sidewalk on east side of Rockbridge Avenue between Route 60 and Vista Apartments, and new sidewalk/crosswalks at intersection of Rockbridge Avenue and Route 60.

Submitting Entity: Buena Vista City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Urban Development Area
(click here for details)

0.3
SMART SCALE SCORE

#384 OF 433 STATEWIDE

#66 OF 70 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$3,595,460**
Total Project Cost.....	**$3,595,460**
Project Benefit.....	**0.1**
Project Benefit / Total Cost.....	**0.3**

SMART SCALE Area Type D

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	14.8 persons	0.0 person hrs.	0.2 EPDO	23.5 EPDO / 100M VMT	2.8 jobs per resident	3.6 jobs per resident	22.1 adjusted users	64,240.5 thousand adj sq. ft.	0.0 thousand adj daily tons	0.0 adj. buffer time index	0.0 adjusted points	0.1 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.3	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	N/A
Factor Value	0.0		0.0		0.1			0.2			0.1			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%		N/A	
Weighted Factor Value	0.0		0.0		0.0			0.1			0.0			
Project Benefit	0.1													
SMART SCALE Cost	$3,595,460													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.3**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

I-81 NB/SB inside shoulder improvements from Exit 200 to 205

Project Id: 3911

Improve inside shoulders on I-81 between Exits 200 and 205. Northbound from MM 202.3 - 205.1; southbound from MM 205.5 MM 200.7; widen the inside shoulders from 3' to 12', excluding interchange bridges.

Submitting Entity: Central Shenandoah Planning District Commission
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Statewide High Priority
VTRANS Need: CoSS
(click here for details)

0.7
SMART SCALE SCORE

#339 OF 433 STATEWIDE

#62 OF 70 DISTRICTWIDE

SMART SCALE Requested Funds..... **$29,244,220**
Total Project Cost..... **$29,244,220**
Project Benefit..... **1.9**
Project Benefit / Total Cost..... **0.7**

SMART SCALE Area Type D

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	0.0 person hrs.	38.6 EPDO	65.9 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	0.0 thousand adj sq. ft.	0.0 thousand adj daily tons	14,043,829.7 adj. buffer time index	0.0 adjusted points	1.6 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	11.1	0.1	0.0	0.0	0.0	0.0	0.0	0.3	0.0	4.8		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.0		5.6		0.0			0.1			2.4			
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	1.9													
SMART SCALE Cost	$29,244,220													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.7**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT · DRPT · Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

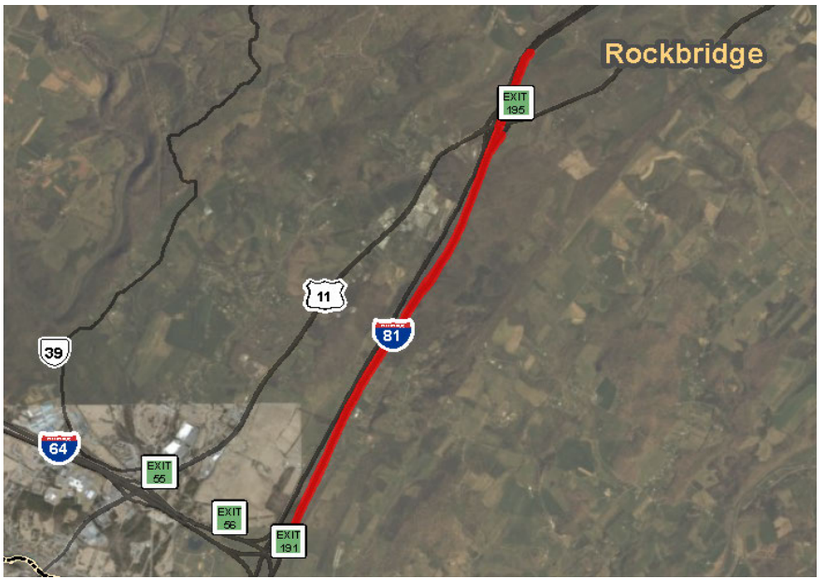
For more information on how to read a scorecard, click here.

I-81 NB TCL Extension, Exits 191-195

Project Id: 3913

On I-81, extend NB truck climbing lane between mileposts 191.9-195.6; Replace the Route 11 bridge at MM 195 (structure #15291, sufficiency rating 86.8); realign NB Exit 195 on-ramp from US 11

Submitting Entity: Central Shenandoah Planning District Commission
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Statewide High Priority
VTRANS Need: CoSS
(click here for details)



0.7
SMART SCALE SCORE

#337 OF 433 STATEWIDE

#61 OF 70 DISTRICTWIDE

SMART SCALE Requested Funds..... **$70,482,329**
Total Project Cost..... **$70,482,329**
Project Benefit..... **4.8**
Project Benefit / Total Cost..... **0.7**

SMART SCALE Area Type D

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	317.2 persons	120.8 person hrs.	24.9 EPDO	76.4 EPDO / 100M VMT	54.7 jobs per resident	100.4 jobs per resident	0.0 adjusted users	394,601.4 thousand adj sq. ft.	1,055,794.1 thousand adj daily tons	4,694,212.4 adj. buffer time index	2,304.0 adjusted points	3.8 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	1.1	1.9	7.1	0.2	1.0	1.7	0.0	2.0	22.4	0.1	16.3	11.5		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	1.5		3.6		0.9			5.7			13.9			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%		N/A	
Weighted Factor Value	0.2		1.1		0.1			2.0			1.4			
Project Benefit	4.8													
SMART SCALE Cost	$70,482,329													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.7**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT · DRPT · Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

I-81 NB TCL from MM 236.5 to MM 237.75

Project Id: 3914

Add a northbound truck climbing lane and associated improvements on I-81 in the vicinity of Exit 235 in Weyers Cave.

Submitting Entity: Central Shenandoah Planning District Commission
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Statewide High Priority
VTRANS Need: CoSS
(click here for details)

1.8
SMART SCALE SCORE

#226 OF 433 STATEWIDE

#44 OF 70 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$14,846,099**
Total Project Cost.....	**$14,846,099**
Project Benefit.....	**2.6**
Project Benefit / Total Cost.....	**1.8**

SMART SCALE Area Type D

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	317.7 persons	26.2 person hrs.	5.4 EPDO	46.6 EPDO / 100M VMT	67.4 jobs per resident	51.6 jobs per resident	0.0 adjusted users	514,149.3 thousand adj sq. ft.	405,932.6 thousand adj daily tons	1,019,722.7 adj. buffer time index	2,003.0 adjusted points	2.2 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	1.1	0.4	1.5	0.1	1.2	0.9	0.0	2.6	8.6	0.0	14.1	6.5		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.8		0.8		0.9			3.3			10.3			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%		N/A	
Weighted Factor Value	0.1		0.2		0.1			1.2			1.0			
Project Benefit	2.6													
SMART SCALE Cost	$14,846,099													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.8**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

Ridgeway Street/U.S. 60 Bicycle/Pedestrian Improvements

Project Id: 4060

Provision of a bike lane, sidewalks, and crosswalks on Ridgeway St., US60 from Dabney Lancaster Community College (DSLCC) to Roxbury St.

Submitting Entity: Clifton Forge Town
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Urban Development Area
(click here for details)

1.2
SMART SCALE SCORE

#267 OF 433 STATEWIDE

#51 OF 70 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$2,624,706**
Total Project Cost.....	**$2,624,706**
Project Benefit.....	**0.3**
Project Benefit / Total Cost.....	**1.2**

SMART SCALE Area Type D

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	14.1 persons	2.0 person hrs.	3.6 EPDO	82.4 EPDO / 100M VMT	6.7 jobs per resident	7.0 jobs per resident	42.3 adjusted users	48,908.2 thousand adj sq. ft.	5,495.8 thousand adj daily tons	699,263.6 adj. buffer time index	56.4 adjusted points	0.3 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	1.0	0.2	0.1	0.1	0.2	0.2	0.1	0.0	0.4	0.8		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.0		0.6		0.1			0.2			0.6			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%		N/A	
Weighted Factor Value	0.0		0.2		0.0			0.1			0.1			
Project Benefit	0.3													
SMART SCALE Cost	$2,624,706													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.2**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

Paper Trail Pedestrian Bridge

Project Id: 3616

Construction of a multi-use pedestrian bridge and sidewalk to connect the Jackson River Sports Complex to existing sidewalk along Thacker Avenue.

Submitting Entity: Covington City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Urban Development Area
(click here for details)

0.2
SMART SCALE SCORE

#408 OF 433 STATEWIDE

#68 OF 70 DISTRICTWIDE

SMART SCALE Requested Funds..... **$2,577,006**
Total Project Cost..... **$2,577,006**
Project Benefit..... **0.0**
Project Benefit / Total Cost..... **0.2**

SMART SCALE Area Type D

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	10.2 persons	0.0 person hrs.	0.0 EPDO	0.0 EPDO / 100M VMT	14.2 jobs per resident	17.9 jobs per resident	30.6 adjusted users	0.0 thousand adj sq. ft.	0.0 thousand adj daily tons	0.0 adj. buffer time index	0.0 adjusted points	0.0 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	0.0	0.0	0.2	0.3	0.1	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	N/A
Factor Value	0.0		0.0		0.2			0.0			0.1			
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	$2,577,006													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.2**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

Jackson Street Improvements

Project Id: 3715

Stormwater, water/wastewater, and sidewalk improvements to Jackson Street.

Submitting Entity: Covington City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Urban Development Area
(click here for details)

0.0
SMART SCALE SCORE

#426 OF 433 STATEWIDE

#70 OF 70 DISTRICTWIDE

SMART SCALE Requested Funds..... **$10,254,306**
Total Project Cost..... **$10,254,306**
Project Benefit..... **0.0**
Project Benefit / Total Cost..... **0.0**

SMART SCALE Area Type D

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	6.7 persons	0.0 person hrs.	0.0 EPDO	0.0 EPDO / 100M VMT	1.5 jobs per resident	1.9 jobs per resident	20.1 adjusted users	3,209.7 thousand adj sq. ft.	0.0 thousand adj daily tons	0.0 adj. buffer time index	0.0 adjusted points	0.0 scaled points	access * pop/emp density.h	access * pop/emp density change.
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	0.0	0.0		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	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	$10,254,306													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.0**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

Edgemont Drive Improvements

Project Id: 3716

Widening of Edgemont Drive from the Jackson River Sports Complex to the intersection of Route 18.

Submitting Entity: Covington City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Urban Development Area
(click here for details)

1.0
SMART SCALE SCORE

#296 OF 433 STATEWIDE

#55 OF 70 DISTRICTWIDE

SMART SCALE Requested Funds..... **$3,742,156**
Total Project Cost..... **$3,742,156**
Project Benefit..... **0.4**
Project Benefit / Total Cost..... **1.0**

SMART SCALE Area Type D

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	1.4 person hrs.	2.0 EPDO	197.6 EPDO / 100M VMT	3.1 jobs per resident	5.9 jobs per resident	0.0 adjusted users	151,906.5 thousand adj sq. ft.	583.9 thousand adj daily tons	269,193.6 adj. buffer time index	0.0 adjusted points	0.3 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	0.6	0.4	0.1	0.1	0.0	0.8	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	N/A
Factor Value	0.0		0.5		0.1			0.5			0.4			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%		N/A	
Weighted Factor Value	0.0		0.1		0.0			0.2			0.0			
Project Benefit	0.4													
SMART SCALE Cost	$3,742,156													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.0**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT · DRPT · Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

East Madison Sidewalk Improvements

Project Id: 3717

Construction of sidewalk on E. Madison Street.

Submitting Entity:	Covington City
Preliminary Engineering:	Not Started
Right of Way:	Not Started
Construction:	Not Started
Eligible Fund Program:	District Grant
VTRANS Need:	Urban Development Area (click here for details)

1.4
SMART SCALE SCORE

#248 OF 433 STATEWIDE

#50 OF 70 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$2,437,527**
Total Project Cost.....	**$2,437,527**
Project Benefit.....	**0.3**
Project Benefit / Total Cost.....	**1.4**

SMART SCALE Area Type D

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	11.4 persons	0.0 person hrs.	4.9 EPDO	267.9 EPDO / 100M VMT	3.3 jobs per resident	3.3 jobs per resident	17.1 adjusted users	0.0 thousand adj sq. ft.	0.0 thousand adj daily tons	0.0 adj. buffer time index	0.0 adjusted points	0.3 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	1.4	0.6	0.1	0.1	0.1	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	N/A
Factor Value	0.0		1.0		0.1			0.0			0.4			
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	$2,437,527													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.4**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

Route 11 Corridor and Old Charlestown Road Roundabout

Project Id: 3657

Installation of median sections along Route 11 for access management and Roundabout at the intersection of Old Charlestown Road and Route 11.

Submitting Entity: Frederick County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: Regional Network
(click here for details)

0.4
SMART SCALE SCORE

#367 OF 433 STATEWIDE

#64 OF 70 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$5,408,094**
Total Project Cost.....	**$5,408,094**
Project Benefit.....	**0.2**
Project Benefit / Total Cost.....	**0.4**

SMART SCALE Area Type C

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	1.5 person hrs.	3.2 EPDO	357.5 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	0.0 thousand adj sq. ft.	0.0 thousand adj daily tons	198,718.9 adj. buffer time index	0.0 adjusted points	0.2 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	0.9	0.7	0.0	0.0	0.0	0.0	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	N/A
Factor Value	0.0		0.8		0.0			0.0			0.2			
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	$5,408,094													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.4**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

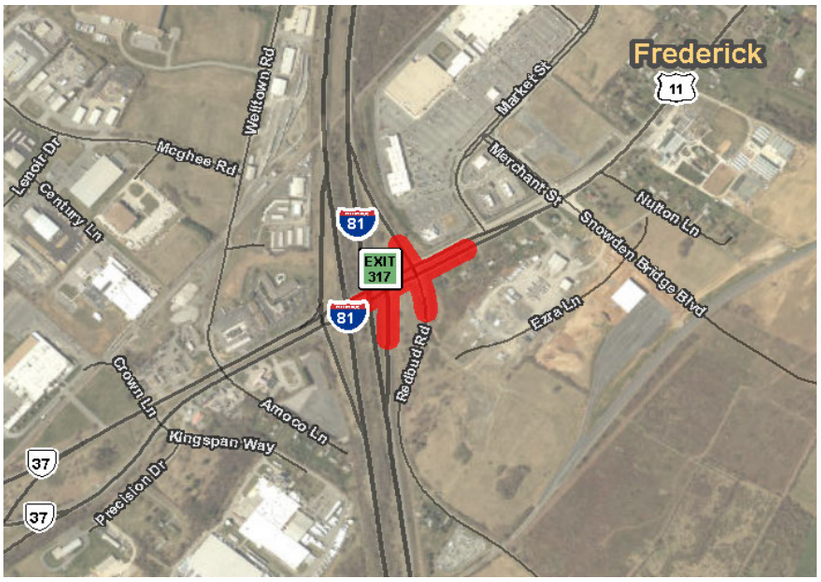
For more information on how to read a scorecard, click here.

Exit 317 NB Ramp Realignment to Redbud Rd Location

Project Id: 3658

Realign I-81 Northbound Exit ramp to Route 11 to the location of the current intersection of Redbud Road and Route 11.

Submitting Entity:	Frederick County
Preliminary Engineering:	Not Started
Right of Way:	Not Started
Construction:	Not Started
Eligible Fund Program:	Both
VTRANS Need:	Regional Network (click here for details)



2.3
SMART SCALE SCORE

#186 OF 433 STATEWIDE

#37 OF 70 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$5,940,244**
Total Project Cost.....	**$5,940,244**
Project Benefit.....	**1.3**
Project Benefit / Total Cost.....	**2.3**

SMART SCALE Area Type C

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	3.5 person hrs.	5.7 EPDO	558.8 EPDO / 100M VMT	1.2 jobs per resident	0.8 jobs per resident	0.0 adjusted users	1,124,957.9 thousand adj sq. ft.	0.0 thousand adj daily tons	84,659.9 adj. buffer time index	0.0 adjusted points	0.9 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.1	1.6	1.2	0.0	0.0	0.0	5.7	0.0	0.0	0.0	2.7		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.0		1.4		0.0			3.4			1.3			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%		N/A	
Weighted Factor Value	0.0		0.3		0.0			0.9			0.1			
Project Benefit	1.3													
SMART SCALE Cost	$5,940,244													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**2.3**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

Route 11 - Shawnee Improvement

Project Id: 3659

Widen Route 11 northbound from Shawnee Drive meet the two through lane section in the City of Winchester at Rubbermaid. This will require extension of the existing bridge/box culvert. Access management and new pedestrian facility included.

Submitting Entity: Frederick County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: Regional Network
(click here for details)

4.3
SMART SCALE SCORE

#112 OF 433 STATEWIDE

#30 OF 70 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$3,279,714**
Total Project Cost.....	**$3,279,714**
Project Benefit.....	**1.4**
Project Benefit / Total Cost.....	**4.3**

SMART SCALE Area Type C

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	7.9 persons	0.3 person hrs.	9.3 EPDO	790.8 EPDO / 100M VMT	19.2 jobs per resident	32.8 jobs per resident	39.4 adjusted users	824,141.5 thousand adj sq. ft.	2,787.4 thousand adj daily tons	3,094,247.3 adj. buffer time index	23.7 adjusted points	0.9 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	2.7	1.6	0.3	0.6	0.1	4.2	0.1	0.1	0.2	2.7		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.0		2.1		0.3			2.5			1.4			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%		N/A	
Weighted Factor Value	0.0		0.5		0.1			0.6			0.1			
Project Benefit	1.4													
SMART SCALE Cost	$3,279,714													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**4.3**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

522/Costello Turn Lane/Intersection Operations Improvements

Project Id: 4732

Expand left turn capacity through the incorporation of double lefts and aloowing lefts in to the current right in right out. Addition of sidewalk and median sections.

Submitting Entity: Frederick County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: Regional Network
(click here for details)

0.8
SMART SCALE SCORE

#306 OF 433 STATEWIDE

#57 OF 70 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$4,435,082**
Total Project Cost.....	**$4,435,082**
Project Benefit.....	**0.4**
Project Benefit / Total Cost.....	**0.8**

SMART SCALE Area Type C

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	0.0 person hrs.	5.0 EPDO	290.9 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	95,269.8 thousand adj sq. ft.	0.0 thousand adj daily tons	8,097,096.9 adj. buffer time index	0.0 adjusted points	0.2 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	1.4	0.6	0.0	0.0	0.0	0.5	0.0	0.2	0.0	0.7		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.0		1.0		0.0			0.3			0.4			
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	$4,435,082													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.8**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

Happy Creek Phase Two

Project Id: 3434

Eliminate dangerous s-turns, install proper drainage,install bike lanes and sidewalks. Widen roadway for safety to access a new middle school and planned hospital in area

Submitting Entity: Front Royal Town
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Urban Development Area
(click here for details)

0.3
SMART SCALE SCORE

#387 OF 433 STATEWIDE

#67 OF 70 DISTRICTWIDE

SMART SCALE Requested Funds..... **$13,078,086**
Total Project Cost..... **$16,894,680**
Project Benefit..... **0.4**
Project Benefit / Total Cost..... **0.2**

SMART SCALE Area Type D															
Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	9.9 persons	0.0 person hrs.	0.8 EPDO	26.2 EPDO / 100M VMT	9.9 jobs per resident	6.6 jobs per resident	29.6 adjusted users	236,895.1 thousand adj sq. ft.	0.0 thousand adj daily tons	0.0 adj. buffer time index	0.0 adjusted points	0.3 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	0.2	0.1	0.2	0.1	0.1	1.2	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	N/A
Factor Value	0.0		0.1		0.1			0.7			0.4			
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	$13,078,086													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.3**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT · DRPT · Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

Mt. Clinton Pike Road Improvements

Project Id: 3585

Construction of a roundabout at the intersection of Mt. Clinton Pike, Park Road, and Chicago Avenue to eliminate an offset intersection. A shared use path will be added from Park Road to Virginia Ave (SR42).

Submitting Entity: Harrisonburg City
Preliminary Engineering: Underway
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: Regional Network
(click here for details)

0.7
SMART SCALE SCORE

#324 OF 433 STATEWIDE

#59 OF 70 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$13,124,790**
Total Project Cost.....	**$14,786,934**
Project Benefit.....	**0.9**
Project Benefit / Total Cost.....	**0.6**

SMART SCALE Area Type C

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	19.4 persons	4.6 person hrs.	9.5 EPDO	635.6 EPDO / 100M VMT	2.9 jobs per resident	4.0 jobs per resident	97.1 adjusted users	302,911.5 thousand adj sq. ft.	6,501.7 thousand adj daily tons	2,633,003.8 adj. buffer time index	97.1 adjusted points	0.8 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.1	0.1	2.7	1.3	0.1	0.1	0.3	1.5	0.1	0.1	0.7	2.3		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.1		2.0		0.1			1.0			1.5			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%		N/A	
Weighted Factor Value	0.0		0.5		0.0			0.2			0.2			
Project Benefit	0.9													
SMART SCALE Cost	$13,124,790													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.7**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

Erickson Avenue Turn Lanes

Project Id: 3586

The project will widen Erickson Avenue at its intersection with Garbers Church Road to add a WB right and left turn lanes, and an EB right and left turn lanes. A signal upgrade, intersection lighting, and bicycle and pedestrian accommodations.

Submitting Entity: Harrisonburg City
Preliminary Engineering: Underway
Right of Way: Not Needed
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: Regional Network
(click here for details)

0.5
SMART SCALE SCORE

#359 OF 433 STATEWIDE

#63 OF 70 DISTRICTWIDE

SMART SCALE Requested Funds..... **$3,598,883**
Total Project Cost..... **$3,966,272**
Project Benefit..... **0.2**
Project Benefit / Total Cost..... **0.4**

SMART SCALE Area Type C

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	16.4 persons	0.8 person hrs.	0.0 EPDO	0.0 EPDO / 100M VMT	9.9 jobs per resident	15.2 jobs per resident	81.9 adjusted users	62,559.1 thousand adj sq. ft.	8,605.5 thousand adj daily tons	0.0 adj. buffer time index	81.9 adjusted points	0.1 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.1	0.0	0.0	0.0	0.2	0.3	0.3	0.3	0.2	0.0	0.6	0.4		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.0		0.0		0.2			0.2			0.5			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%		N/A	
Weighted Factor Value	0.0		0.0		0.1			0.1			0.0			
Project Benefit	0.2													
SMART SCALE Cost	$3,598,883													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.5**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT · DRPT · Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

Carlton Street Improvements

Project Id: 3587

This project will add a center turn lane, sidewalks, and improve drainage.

Submitting Entity: Harrisonburg City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: Regional Network
(click here for details)

3.2 SMART SCALE SCORE	**#146**	OF 433 STATEWIDE	SMART SCALE Requested Funds..... **$1,063,148**
			Total Project Cost..... **$1,063,148**
	#32	OF 70 DISTRICTWIDE	Project Benefit..... **0.3**
			Project Benefit / Total Cost..... **3.2**

SMART SCALE Area Type C

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	7.6 persons	0.0 person hrs.	2.4 EPDO	756.5 EPDO / 100M VMT	0.4 jobs per resident	0.5 jobs per resident	37.9 adjusted users	3,035.1 thousand adj sq. ft.	0.0 thousand adj daily tons	872,459.5 adj. buffer time index	0.0 adjusted points	0.3 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	0.7	1.6	0.0	0.0	0.1	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	N/A
Factor Value	0.0		1.1		0.0			0.0			0.4			
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	0.3													
SMART SCALE Cost	$1,063,148													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**3.2**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

University Blvd/Evelyn Byrd Ave Road Diet & Sidewalk

Project Id: 3588

This project will convert University Blvd and Evelyn Byrd Avenue from 4 lanes to 2 lanes with a center turn lane. Bike lanes, sidewalks, crosswalks, and bus shelters will be added, and sidewalk connections made to side streets.

Submitting Entity: Harrisonburg City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: Regional Network
(click here for details)

6.5
SMART SCALE SCORE

#69 OF 433 STATEWIDE

#15 OF 70 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$3,515,278**
Total Project Cost.....	**$3,515,278**
Project Benefit.....	**2.3**
Project Benefit / Total Cost.....	**6.5**

SMART SCALE Area Type C

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	47.3 persons	0.0 person hrs.	1.9 EPDO	5.5 EPDO / 100M VMT	29.2 jobs per resident	36.5 jobs per resident	236.5 adjusted users	2,250,144.8 thousand adj sq. ft.	0.0 thousand adj daily tons	50,025,667.7 adj. buffer time index	0.0 adjusted points	1.9 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.2	0.0	0.5	0.0	0.5	0.6	0.8	11.5	0.0	1.1	0.0	5.8		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.1		0.3		0.6			7.1			2.9			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%		N/A	
Weighted Factor Value	0.0		0.1		0.2			1.8			0.3			
Project Benefit	2.3													
SMART SCALE Cost	$3,515,278													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**6.5**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

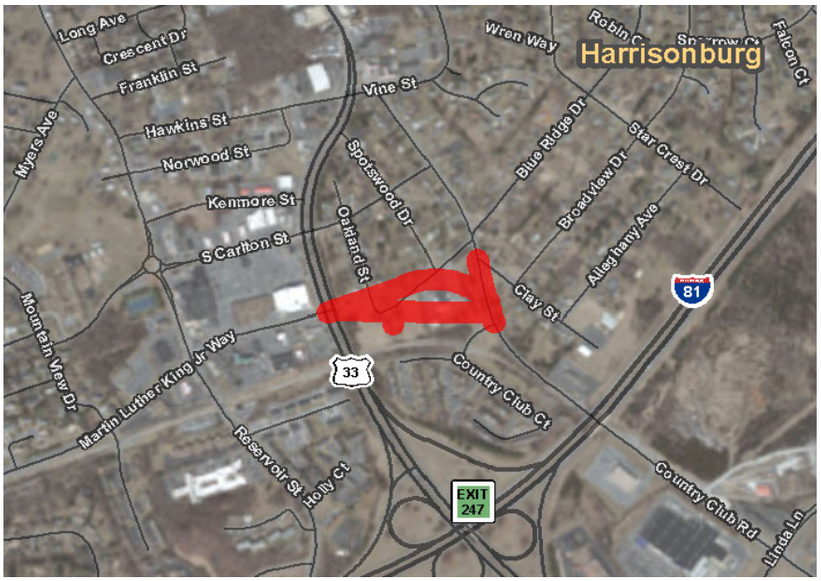
For more information on how to read a scorecard, click here.

HARRISONBURG TRANSIT CENTER AND PARK AND ROAD

Project Id: 3445

Proposed Transit Center and Park and Ride lot at 241 Blue Ridge Dr will be centrally located for city, inter-regional and inter-city bus routes. Also, the extension of Martin Luther King Jr. Way provides traffic, transit, and bike/ped improvements.

Submitting Entity: Harrisonburg Department of Public Transportation
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Statewide High Priority
VTRANS Need: Regional Network
(click here for details)



1.5
SMART SCALE SCORE

#242 OF 433 STATEWIDE

#48 OF 70 DISTRICTWIDE

SMART SCALE Requested Funds..... **$22,228,637**
Total Project Cost..... **$22,228,637**
Project Benefit..... **3.3**
Project Benefit / Total Cost..... **1.5**

SMART SCALE Area Type C

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	129.1 persons	33.8 person hrs.	0.0 EPDO	0.0 EPDO / 100M VMT	49.4 jobs per resident	70.3 jobs per resident	322.0 adjusted users	2,051,329.1 thousand adj sq. ft.	2,641.5 thousand adj daily tons	14,104,315.0 adj. buffer time index	2,834.0 adjusted points	2.8 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.5	0.5	0.0	0.0	0.9	1.2	1.1	10.4	0.1	0.3	20.0	8.4		
Measure Weight (% of Factor)	50%	50%	100%	0%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.5		0.0		1.0			6.3			14.2			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%		N/A	
Weighted Factor Value	0.1		0.0		0.2			1.6			1.4			
Project Benefit	3.3													
SMART SCALE Cost	$22,228,637													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.5**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT · DRPT · Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

US 33 (Market Street) and I-81 Exit 247 Improvements

Project Id: 4027

Re-align I-81 Exit 247 SB off-ramp, add a 500-ft acceleration merge lane, and construct a 10-ft shared use path (SUP) in the median of US 33 (Market Street) from MLK Way to Burgess Rd/ Linda Lane, which will improve corridor safety and accessibility.

Submitting Entity: Harrisonburg-Rockingham Metropolitan Planning Organization
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Statewide High Priority
VTRANS Need: CoSS
(click here for details)

4.6
SMART SCALE SCORE

#101 OF 433 STATEWIDE

#27 OF 70 DISTRICTWIDE

SMART SCALE Requested Funds..... **$7,634,231**
Total Project Cost..... **$47,870,806**
Project Benefit..... **3.5**
Project Benefit / Total Cost..... **0.7**

SMART SCALE Area Type C

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	35.4 persons	0.0 person hrs.	16.2 EPDO	210.8 EPDO / 100M VMT	18.3 jobs per resident	18.5 jobs per resident	177.0 adjusted users	2,912,039.3 thousand adj sq. ft.	2,924.5 thousand adj daily tons	53,485,507.8 adj. buffer time index	177.0 adjusted points	2.9 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.1	0.0	4.6	0.4	0.3	0.3	0.6	14.8	0.1	1.2	1.2	8.9		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.1		2.5		0.4			9.2			5.1			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%		N/A	
Weighted Factor Value	0.0		0.6		0.1			2.3			0.5			
Project Benefit	3.5													
SMART SCALE Cost	$7,634,231													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**4.6**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

Mount Crawford Park and Ride Lot Improvements

Project Id: 4028

This project will improve the existing Mt. Crawford Park and Ride lot at I-81 Exit 240 by adding 69 parking spaces, for a total of 102 spaces. The project will also include a bus turn-around and stop, safety lighting, and an EV charging station.

Submitting Entity: Harrisonburg-Rockingham Metropolitan Planning Organization
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Statewide High Priority
VTRANS Need: CoSS
(click here for details)

4.4
SMART SCALE SCORE

#103 OF 433 STATEWIDE

#28 OF 70 DISTRICTWIDE

SMART SCALE Requested Funds..... **$3,069,962**
Total Project Cost..... **$3,069,962**
Project Benefit..... **1.4**
Project Benefit / Total Cost..... **4.4**

SMART SCALE Area Type C														
Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	12.5 persons	4.1 person hrs.	2.7 EPDO	0.7 EPDO / 100M VMT	4.5 jobs per resident	3.9 jobs per resident	62.4 adjusted users	246,890.4 thousand adj sq. ft.	0.0 thousand adj daily tons	6,710,887.7 adj. buffer time index	2,177.7 adjusted points	1.1 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.1	0.8	0.0	0.1	0.1	0.2	1.3	0.0	0.2	15.4	3.3		
Measure Weight (% of Factor)	50%	50%	100%	0%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.1		0.8		0.1			0.8			9.4			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%		N/A	
Weighted Factor Value	0.0		0.2		0.0			0.2			0.9			
Project Benefit	1.4													
SMART SCALE Cost	$3,069,962													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**4.4**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT · DRPT · Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

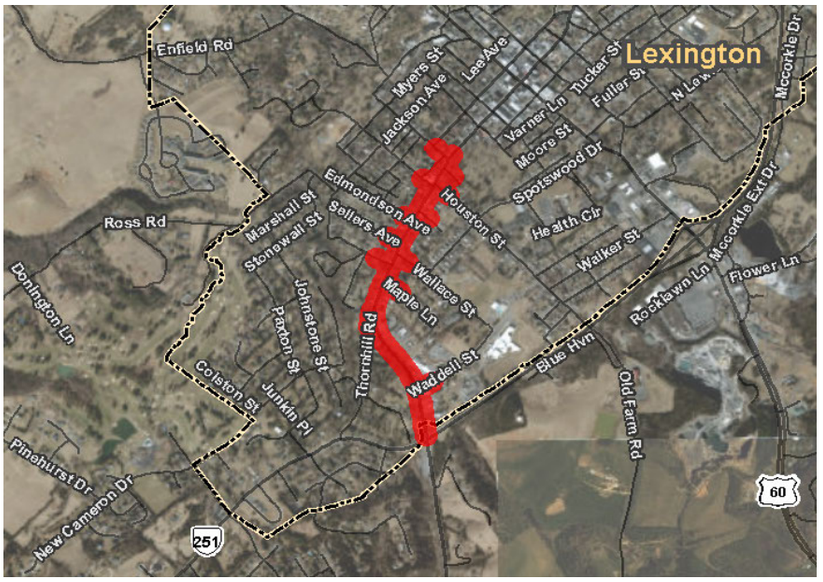
For more information on how to read a scorecard, click here.

South Main Street Pedestrian Improvements

Project Id: 3992

This project makes significant pedestrian and bicycle enhancements to the 0.85 mile portion of US RT 11 (S. Main Street), from White Street to the southern City Line.

Submitting Entity: Lexington City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Urban Development Area
(click here for details)



0.9 SMART SCALE SCORE		
	#298 OF 433 STATEWIDE	SMART SCALE Requested Funds..... **$3,964,791**
		Total Project Cost..... **$3,964,791**
	#56 OF 70 DISTRICTWIDE	Project Benefit..... **0.4**
		Project Benefit / Total Cost..... **0.9**

SMART SCALE Area Type D

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	6.1 persons	0.4 person hrs.	4.1 EPDO	294.2 EPDO / 100M VMT	15.0 jobs per resident	16.7 jobs per resident	18.2 adjusted users	11,672.7 thousand adj sq. ft.	1,789.5 thousand adj daily tons	0.0 adj. buffer time index	24.3 adjusted points	0.3 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	1.2	0.6	0.3	0.3	0.1	0.1	0.0	0.0	0.2	0.9		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.0		0.9		0.2			0.0			0.5			
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	0.4													
SMART SCALE Cost	$3,964,791													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.9**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT · DRPT · Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

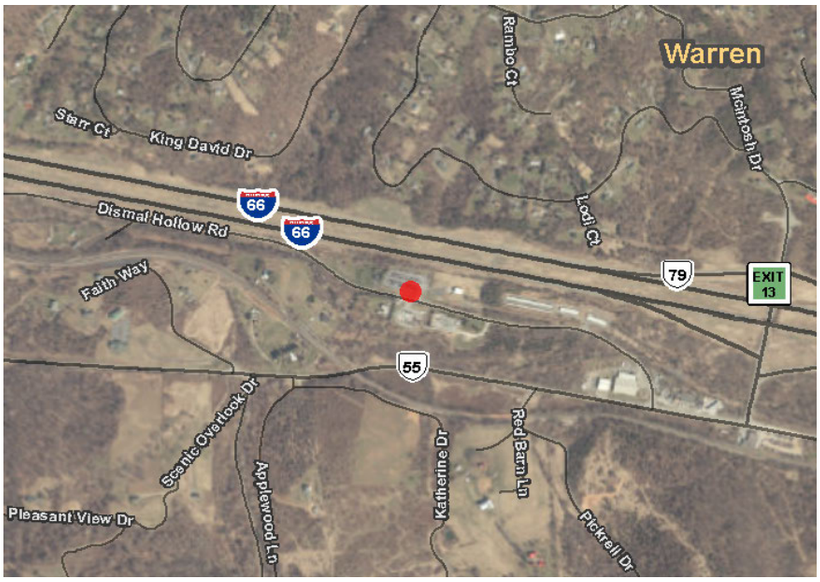
For more information on how to read a scorecard, click here.

Linden Park and Ride Lot Extension

Project Id: 3601

Proposed project is a 100-space expansion of the existing 124-space Linden Park and Ride.

Submitting Entity: Northern Shenandoah Valley Regional Commission
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Statewide High Priority
VTRANS Need: CoSS
(click here for details)



5.8
SMART SCALE SCORE

#81 OF 433 STATEWIDE

#21 OF 70 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$2,406,633**
Total Project Cost.....	**$2,406,633**
Project Benefit.....	**1.4**
Project Benefit / Total Cost.....	**5.8**

SMART SCALE Area Type D

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	24.0 persons	11.7 person hrs.	3.7 EPDO	0.5 EPDO / 100M VMT	28.2 jobs per resident	25.7 jobs per resident	96.0 adjusted users	32,738.9 thousand adj sq. ft.	0.0 thousand adj daily tons	0.0 adj. buffer time index	2,410.0 adjusted points	0.7 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.1	0.2	1.1	0.0	0.5	0.4	0.3	0.2	0.0	0.0	17.0	2.1		
Measure Weight (% of Factor)	50%	50%	100%	0%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.1		1.1		0.5			0.1			9.6			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%		N/A	
Weighted Factor Value	0.0		0.3		0.1			0.0			1.0			
Project Benefit	1.4													
SMART SCALE Cost	$2,406,633													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**5.8**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

Intersection Improvements,Route 79 at Route 55

Project Id: 3608

Geometric modifications to the intersection and two approaches to improve flow and safety.

Submitting Entity: Northern Shenandoah Valley Regional Commission
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Statewide High Priority
VTRANS Need: CoSS
(click here for details)

1.7
SMART SCALE SCORE

#236 OF 433 STATEWIDE

#45 OF 70 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$4,598,373**
Total Project Cost.....	**$4,598,373**
Project Benefit.....	**0.8**
Project Benefit / Total Cost.....	**1.7**

SMART SCALE Area Type D

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	3.5 person hrs.	8.1 EPDO	771.2 EPDO / 100M VMT	0.8 jobs per resident	0.4 jobs per resident	0.0 adjusted users	98,542.1 thousand adj sq. ft.	3,459.7 thousand adj daily tons	4,587,483.3 adj. buffer time index	0.0 adjusted points	0.3 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.1	2.3	1.6	0.0	0.0	0.0	0.5	0.1	0.1	0.0	1.1		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.0		2.0		0.0			0.3			0.5			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%		N/A	
Weighted Factor Value	0.0		0.6		0.0			0.1			0.1			
Project Benefit	0.8													
SMART SCALE Cost	$4,598,373													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.7**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

I-81 Exit 300 at I-66E Northbound Widening

Project Id: 4124

Add an additional lane and widen left shoulder to standard from milepost 299.1 to 300.4 NB, replace & widen bridge over Water Plant Rd (structure #18742, sufficiency rating 92.4).

Submitting Entity: Northern Shenandoah Valley Regional Commission
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Statewide High Priority
VTRANS Need: CoSS
(click here for details)

0.7
SMART SCALE SCORE

#327 OF 433 STATEWIDE

#60 OF 70 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$36,453,285**
Total Project Cost.....	**$36,453,285**
Project Benefit.....	**2.6**
Project Benefit / Total Cost.....	**0.7**

SMART SCALE Area Type D

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	472.9 persons	29.3 person hrs.	16.8 EPDO	88.1 EPDO / 100M VMT	38.4 jobs per resident	23.8 jobs per resident	0.0 adjusted users	0.0 thousand adj sq. ft.	439,424.6 thousand adj daily tons	5,717,928.1 adj. buffer time index	2,139.0 adjusted points	1.5 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	1.7	0.5	4.8	0.2	0.7	0.4	0.0	0.0	9.3	0.1	15.1	4.5		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	1.1		2.5		0.5			1.9			9.8			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%		N/A	
Weighted Factor Value	0.1		0.7		0.1			0.7			1.0			
Project Benefit	2.6													
SMART SCALE Cost	$36,453,285													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.7**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

Route 11 South Corridor Enhancements

Project Id: 4128

Access management measures, bicycle and pedestrian accommodations, and intersection improvements as recommended in 2018 STARS report.

Submitting Entity: Northern Shenandoah Valley Regional Commission
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Statewide High Priority
VTRANS Need: CoSS
(click here for details)

3.9
SMART SCALE SCORE

#120 OF 433 STATEWIDE

#31 OF 70 DISTRICTWIDE

SMART SCALE Requested Funds..... **$8,006,185**
Total Project Cost..... **$8,006,185**
Project Benefit..... **3.1**
Project Benefit / Total Cost..... **3.9**

SMART SCALE Area Type C

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	16.5 persons	0.0 person hrs.	47.2 EPDO	573.3 EPDO / 100M VMT	142.1 jobs per resident	248.1 jobs per resident	49.4 adjusted users	456,465.2 thousand adj sq. ft.	0.0 thousand adj daily tons	0.0 adj. buffer time index	0.0 adjusted points	2.1 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.1	0.0	13.5	1.2	2.5	4.3	0.2	2.3	0.0	0.0	0.0	6.2		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.0		7.4		2.4			1.4			3.1			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%		N/A	
Weighted Factor Value	0.0		1.8		0.6			0.3			0.3			
Project Benefit	3.1													
SMART SCALE Cost	$8,006,185													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**3.9**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT · DRPT · Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

Intersection Improvements US-211/340 Big Oak Rd

Project Id: 3730

Safety improvements to busy intersection with heavy traffic flow and high volume of vehicle crashes.

Submitting Entity: Page County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Safety
(click here for details)

14.0
SMART SCALE SCORE

#24 OF 433 STATEWIDE

#6 OF 70 DISTRICTWIDE

SMART SCALE Requested Funds..... **$3,310,977**
Total Project Cost..... **$3,310,977**
Project Benefit..... **4.6**
Project Benefit / Total Cost..... **14.0**

SMART SCALE Area Type D

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	1.7 person hrs.	43.5 EPDO	7,150.4 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	8,562.6 thousand adj sq. ft.	0.0 thousand adj daily tons	3,041,791.0 adj. buffer time index	0.0 adjusted points	3.6 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	12.5	14.8	0.0	0.0	0.0	0.0	0.0	0.1	0.0	10.8		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.0		13.6		0.0			0.0			5.4			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%		N/A	
Weighted Factor Value	0.0		4.1		0.0			0.0			0.5			
Project Benefit	4.6													
SMART SCALE Cost	$3,310,977													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**14.0**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

Intersection Improvement US 340 and Route 660

Project Id: 4514

Intersection project consisting of northbound and southbound right turn lane improvements on US 340

Submitting Entity: Page County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Safety
(click here for details)

1.6
SMART SCALE SCORE

#239 OF 433 STATEWIDE

#46 OF 70 DISTRICTWIDE

SMART SCALE Requested Funds..... **$2,604,297**
Total Project Cost..... **$2,604,297**
Project Benefit..... **0.4**
Project Benefit / Total Cost..... **1.6**

SMART SCALE Area Type D

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	0.0 person hrs.	3.2 EPDO	739.4 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	0.0 thousand adj sq. ft.	0.0 thousand adj daily tons	534,261.7 adj. buffer time index	0.0 adjusted points	0.3 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	0.9	1.5	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	N/A
Factor Value	0.0		1.2		0.0			0.0			0.4			
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	$2,604,297													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.6**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

VA 276 Left Turn Lanes @ VA 253

Project Id: 3926

Install left turn lanes on VA 276 (Cross Keys Rd) at intersection with Va 253 (Port Republic Rd)

Submitting Entity: Rockingham County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: Regional Network
(click here for details)

1.9
SMART SCALE SCORE

#221 OF 433 STATEWIDE

#43 OF 70 DISTRICTWIDE

SMART SCALE Requested Funds..... **$1,499,062**
Total Project Cost..... **$1,499,062**
Project Benefit..... **0.3**
Project Benefit / Total Cost..... **1.9**

SMART SCALE Area Type C

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	0.0 person hrs.	4.1 EPDO	424.0 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	0.0 thousand adj sq. ft.	0.0 thousand adj daily tons	919,565.1 adj. buffer time index	0.0 adjusted points	0.2 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	1.2	0.9	0.0	0.0	0.0	0.0	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	N/A
Factor Value	0.0		1.0		0.0			0.0			0.2			
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	0.3													
SMART SCALE Cost	$1,499,062													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.9**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

US 11 N (North Valley Pike) Sidewalk

Project Id: 3962

Add 5' sidewalk & footbridge on southbound side of US 11, from Mt. Clinton Pike (Harrisonburg) to Jewell Street, for a total distance of 1.05 miles. Install sidewalk on outside of typical ditch section; and 4' buffer along 1300' C&B section.

Submitting Entity: Rockingham County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: CoSS
(click here for details)

12.0
SMART SCALE SCORE

#26 OF 433 STATEWIDE

#7 OF 70 DISTRICTWIDE

SMART SCALE Requested Funds..... **$3,037,558**
Total Project Cost..... **$3,037,558**
Project Benefit..... **3.6**
Project Benefit / Total Cost..... **12.0**

SMART SCALE Area Type C

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	5.5 persons	0.0 person hrs.	5.6 EPDO	141.0 EPDO / 100M VMT	10.3 jobs per resident	17.0 jobs per resident	8.3 adjusted users	3,805,409.1 thousand adj sq. ft.	0.0 thousand adj daily tons	0.0 adj. buffer time index	0.0 adjusted points	3.0 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	1.6	0.3	0.2	0.3	0.0	19.4	0.0	0.0	0.0	9.2		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.0		0.9		0.2			11.6			4.6			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%		N/A	
Weighted Factor Value	0.0		0.2		0.0			2.9			0.5			
Project Benefit	3.6													
SMART SCALE Cost	$3,037,558													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**12.0**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

US 33 & Rt 620 Turn Lanes

Project Id: 3979

Extend US 33 eastbound left-turn lane and install Rt 620 southbound right-turn lane

Submitting Entity: Rockingham County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: Regional Network
(click here for details)

5.9
SMART SCALE SCORE

#77 OF 433 STATEWIDE

#18 OF 70 DISTRICTWIDE

SMART SCALE Requested Funds..... **$977,984**
Total Project Cost..... **$977,984**
Project Benefit..... **0.6**
Project Benefit / Total Cost..... **5.9**

SMART SCALE Area Type C

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	0.4 person hrs.	2.7 EPDO	149.6 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	420,276.1 thousand adj sq. ft.	42,885.5 thousand adj daily tons	3,691,810.2 adj. buffer time index	0.0 adjusted points	0.5 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	0.8	0.3	0.0	0.0	0.0	2.1	0.9	0.1	0.0	1.4		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.0		0.5		0.0			1.5			0.7			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%		N/A	
Weighted Factor Value	0.0		0.1		0.0			0.4			0.1			
Project Benefit	0.6													
SMART SCALE Cost	$977,984													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**5.9**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT · DRPT · Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

Shenandoah Co. / Oranda Road Park and Ride Expansion

Project Id: 3629

Expand and improve the current Park and Ride lot located at intersection of Route 11 and Oranda Road near I-81 exit 298. The expansion would create 90 or more new parking spaces and provide a pedestrian friendly crossing across Oranda Rd.

Submitting Entity: Shenandoah County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: Regional Network
(click here for details)

5.9
SMART SCALE SCORE

#79 OF 433 STATEWIDE

#19 OF 70 DISTRICTWIDE

SMART SCALE Requested Funds..... **$2,553,730**
Total Project Cost..... **$2,553,730**
Project Benefit..... **1.5**
Project Benefit / Total Cost..... **5.9**

SMART SCALE Area Type D														
Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	23.0 persons	10.6 person hrs.	6.1 EPDO	0.7 EPDO / 100M VMT	2.7 jobs per resident	2.6 jobs per resident	115.2 adjusted users	0.0 thousand adj sq. ft.	0.0 thousand adj daily tons	0.0 adj. buffer time index	2,242.7 adjusted points	1.0 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.1	0.2	1.8	0.0	0.0	0.0	0.4	0.0	0.0	0.0	15.8	3.1		
Measure Weight (% of Factor)	50%	50%	100%	0%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.1		1.8		0.1			0.0			9.5			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%		N/A	
Weighted Factor Value	0.0		0.5		0.0			0.0			0.9			
Project Benefit	1.5													
SMART SCALE Cost	$2,553,730													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**5.9**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT · DRPT · Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

I-81 Exit 291 Northbound Ramp Widening

Project Id: 3662

Widen the northbound exit ramp approach to stop-controlled intersection to accommodate one left-turn lane, one right-turn lane, and shoulders.

Submitting Entity: Shenandoah County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: CoSS
(click here for details)

21.4
SMART SCALE SCORE

#18 OF 433 STATEWIDE

#4 OF 70 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$781,701**
Total Project Cost.....	**$781,701**
Project Benefit.....	**1.7**
Project Benefit / Total Cost.....	**21.4**

SMART SCALE Area Type D

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	0.8 person hrs.	0.6 EPDO	244.0 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	1,298,572.3 thousand adj sq. ft.	0.0 thousand adj daily tons	4,918.6 adj. buffer time index	0.0 adjusted points	1.2 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	0.2	0.5	0.0	0.0	0.0	6.6	0.0	0.0	0.0	3.6		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.0		0.3		0.0			4.0			1.8			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%		N/A	
Weighted Factor Value	0.0		0.1		0.0			1.4			0.2			
Project Benefit	1.7													
SMART SCALE Cost	$781,701													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**21.4**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

Edgewood Road Sidewalk Improvements

Project Id: 3689

Project involves construction of new sidewalk and pedestrian access improvements along Edgewood Road in existing rights of way from North Coalter Street to North Augusta Street in Staunton, VA.

Submitting Entity: Staunton City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Urban Development Area
(click here for details)

8.7
SMART SCALE SCORE

#45 OF 433 STATEWIDE

#10 OF 70 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$1,098,071**
Total Project Cost.....	**$1,098,071**
Project Benefit.....	**1.0**
Project Benefit / Total Cost.....	**8.7**

SMART SCALE Area Type C

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	21.3 persons	0.0 person hrs.	12.0 EPDO	1,484.8 EPDO / 100M VMT	0.7 jobs per resident	0.5 jobs per resident	32.0 adjusted users	9,949.1 thousand adj sq. ft.	0.0 thousand adj daily tons	513,185.9 adj. buffer time index	0.0 adjusted points	0.8 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.1	0.0	3.4	3.1	0.0	0.0	0.1	0.1	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	N/A
Factor Value	0.0		3.3		0.0			0.0			1.2			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%		N/A	
Weighted Factor Value	0.0		0.8		0.0			0.0			0.1			
Project Benefit	1.0													
SMART SCALE Cost	$1,098,071													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**8.7**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

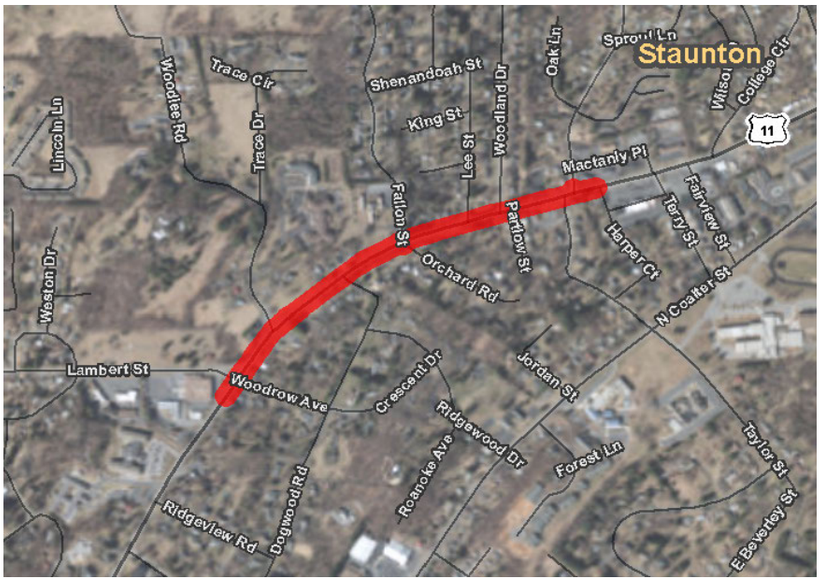
For more information on how to read a scorecard, click here.

North Augusta Sidewalk--Lambert St to Terry Court

Project Id: 3700

Project involves construction of new sidewalk and pedestrian access
improvements along North Augusta Street in existing rights of way from Lambert Street to Terry Court in Staunton, VA.

Submitting Entity:	Staunton City
Preliminary Engineering:	Not Started
Right of Way:	Not Started
Construction:	Not Started
Eligible Fund Program:	District Grant
VTRANS Need:	Urban Development Area (click here for details)



8.0
SMART SCALE SCORE

#48 OF 433 STATEWIDE

#12 OF 70 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$1,477,371**
Total Project Cost.....	**$1,477,371**
Project Benefit.....	**1.2**
Project Benefit / Total Cost.....	**8.0**

SMART SCALE Area Type C

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	11.1 persons	0.0 person hrs.	17.5 EPDO	1,165.3 EPDO / 100M VMT	14.8 jobs per resident	7.4 jobs per resident	16.7 adjusted users	72,880.6 thousand adj sq. ft.	0.0 thousand adj daily tons	853,926.3 adj. buffer time index	0.0 adjusted points	1.0 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	5.0	2.4	0.3	0.1	0.1	0.4	0.0	0.0	0.0	3.0		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.0		3.7		0.2			0.2			1.5			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%		N/A	
Weighted Factor Value	0.0		0.9		0.0			0.1			0.1			
Project Benefit	1.2													
SMART SCALE Cost	$1,477,371													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**8.0**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

North Augusta Sidewalk--Terry Court to Meadowbrook Rd

Project Id: 3701

Install new sidewalk and ADA compliant curb ramps from just north of Terry Court Shopping Center along North Augusta Street to Mountain View Drive and along Coalter Street to Meadowbrook Road.

Submitting Entity: Staunton City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Urban Development Area
(click here for details)

6.4 SMART SCALE SCORE			
	#73	OF 433 STATEWIDE	
	#16	OF 70 DISTRICTWIDE	

SMART SCALE Requested Funds.....	**$1,058,211**
Total Project Cost.....	**$1,058,211**
Project Benefit.....	**0.7**
Project Benefit / Total Cost.....	**6.4**

SMART SCALE Area Type C

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	9.7 persons	0.0 person hrs.	10.3 EPDO	804.2 EPDO / 100M VMT	3.4 jobs per resident	2.7 jobs per resident	14.5 adjusted users	0.0 thousand adj sq. ft.	0.0 thousand adj daily tons	0.0 adj. buffer time index	0.0 adjusted points	0.5 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	2.9	1.7	0.1	0.0	0.1	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	N/A
Factor Value	0.0		2.3		0.1			0.0			0.8			
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	$1,058,211													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**6.4**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

I-81 Mt. Sidney Rest Area NB Acceleration Lane Extension

Project Id: 3905

On northbound I-81 at the Mt. Sidney rest area, improve the interchange serving the rest area by extending the northbound rest area acceleration lane from 400' to a proposed 2400' with 300' taper.

Submitting Entity:	Staunton-Augusta-Waynesboro Metropolitan Planning Organization
Preliminary Engineering:	Not Started
Right of Way:	Not Needed
Construction:	Not Started
Eligible Fund Program:	Statewide High Priority
VTRANS Need:	Regional Network (click here for details)

6.3
SMART SCALE SCORE

#74 OF 433 STATEWIDE

#17 OF 70 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$3,787,466**
Total Project Cost.....	**$3,787,466**
Project Benefit.....	**2.4**
Project Benefit / Total Cost.....	**6.3**

SMART SCALE Area Type D

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	0.6 person hrs.	19.8 EPDO	443.1 EPDO / 100M VMT	1.0 jobs per resident	0.5 jobs per resident	0.0 adjusted users	160,556.6 thousand adj sq. ft.	161,024.8 thousand adj daily tons	357,467.4 adj. buffer time index	1,981.0 adjusted points	1.9 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	5.7	0.9	0.0	0.0	0.0	0.8	3.4	0.0	14.0	5.7		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.0		3.3		0.0			1.2			9.8			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%		N/A	
Weighted Factor Value	0.0		1.0		0.0			0.4			1.0			
Project Benefit	2.4													
SMART SCALE Cost	$3,787,466													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**6.3**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

I-64 Exit 94 westbound off-ramp improvements

Project Id: 3906

Extend WB I-64 Exit 94 to deceleration lane to 800-feet with 300-foot taper and provide 550' with 400' taper dual right-turn lanes for the exit ramp onto Rte 340.

Submitting Entity: Staunton-Augusta-Waynesboro Metropolitan Planning Organization
Preliminary Engineering: Not Started
Right of Way: Not Needed
Construction: Not Started
Eligible Fund Program: Statewide High Priority
VTRANS Need: Regional Network
(click here for details)

2.0
SMART SCALE SCORE

#205 OF 433 STATEWIDE

#40 OF 70 DISTRICTWIDE

SMART SCALE Requested Funds..... **$3,464,163**
Total Project Cost..... **$3,464,163**
Project Benefit..... **0.7**
Project Benefit / Total Cost..... **2.0**

SMART SCALE Area Type C

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	2.2 person hrs.	1.8 EPDO	52.8 EPDO / 100M VMT	6.9 jobs per resident	9.9 jobs per resident	0.0 adjusted users	148,999.6 thousand adj sq. ft.	58,043.5 thousand adj daily tons	13,641,740.0 adj. buffer time index	881.0 adjusted points	0.6 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	0.5	0.1	0.1	0.2	0.0	0.8	1.2	0.3	6.2	1.7		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.0		0.3		0.1			0.8			4.0			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%		N/A	
Weighted Factor Value	0.0		0.1		0.0			0.2			0.4			
Project Benefit	0.7													
SMART SCALE Cost	$3,464,163													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**2.0**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

I-81 SB TCL MM 236.5 to MM 234.6

Project Id: 4882

On I-81 add a new southbound inside lane from mile marker 236.5 to mile marker 234.6; widen southbound inside lane shoulder from 3-feet to 12-feet. Relocate median crossover at mile marker 236.3.

Submitting Entity: Staunton-Augusta-Waynesboro Metropolitan Planning Organization
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Statewide High Priority
VTRANS Need: CoSS
(click here for details)

2.0
SMART SCALE SCORE

#202 OF 433 STATEWIDE

#39 OF 70 DISTRICTWIDE

SMART SCALE Requested Funds..... **$25,788,423**
Total Project Cost..... **$25,788,423**
Project Benefit..... **5.2**
Project Benefit / Total Cost..... **2.0**

SMART SCALE Area Type D

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	246.3 persons	33.5 person hrs.	21.9 EPDO	119.9 EPDO / 100M VMT	81.0 jobs per resident	107.6 jobs per resident	0.0 adjusted users	953,554.9 thousand adj sq. ft.	1,080,602.8 thousand adj daily tons	2,410,886.9 adj. buffer time index	2,003.0 adjusted points	4.2 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.9	0.5	6.3	0.2	1.4	1.9	0.0	4.9	22.9	0.1	14.1	12.9		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.7		3.3		1.2			7.5			13.5			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%		N/A	
Weighted Factor Value	0.1		1.0		0.2			2.6			1.4			
Project Benefit	5.2													
SMART SCALE Cost	$25,788,423													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**2.0**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

Rte. 340/522 SB/I-66 WB On-Ramp Extension

Project Id: 3918

Lengthen existing Rte. 340/522 SB Right Turn Lane approx. 900' to I-66 WB On Ramp back to the intersection with Crooked Run/Country Club Rd. intersection.

Submitting Entity: Warren County
Preliminary Engineering: Not Started
Right of Way: Not Needed
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: Regional Network
(click here for details)

31.9
SMART SCALE SCORE

#8 OF 433 STATEWIDE

#2 OF 70 DISTRICTWIDE

SMART SCALE Requested Funds..... **$518,664**
Total Project Cost..... **$518,664**
Project Benefit..... **1.7**
Project Benefit / Total Cost..... **31.9**

SMART SCALE Area Type D

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	0.0 person hrs.	0.0 EPDO	0.0 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	1,402,999.7 thousand adj sq. ft.	0.0 thousand adj daily tons	660,740.2 adj. buffer time index	0.0 adjusted points	1.0 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.1	0.0	0.0	0.0	3.1		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.0		0.0		0.0			4.3			1.5			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%		N/A	
Weighted Factor Value	0.0		0.0		0.0			1.5			0.2			
Project Benefit	1.7													
SMART SCALE Cost	$518,664													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**31.9**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

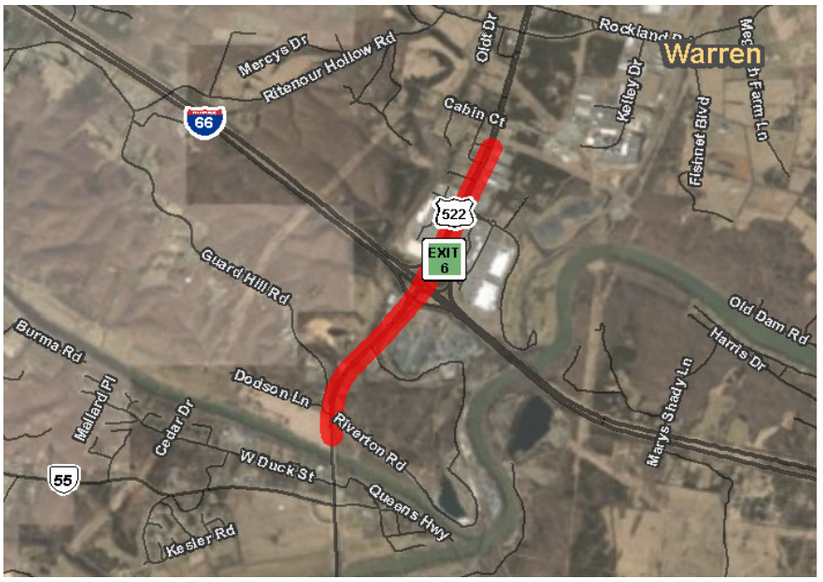
For more information on how to read a scorecard, click here.

Rte. 340/522 Lighting Project

Project Id: 3921

Install roadside street lighting along Rte. 340/522 corridor to address nighttime visibility safety issues for motorists and pedestrians.

Submitting Entity: Warren County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Safety
(click here for details)



16.5
SMART SCALE SCORE

#21 OF 433 STATEWIDE

#5 OF 70 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$3,149,948**
Total Project Cost.....	**$3,149,948**
Project Benefit.....	**5.2**
Project Benefit / Total Cost.....	**16.5**

SMART SCALE Area Type D

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	0.0 person hrs.	87.3 EPDO	570.1 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	706,357.2 thousand adj sq. ft.	0.0 thousand adj daily tons	0.0 adj. buffer time index	0.0 adjusted points	3.3 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	25.0	1.2	0.0	0.0	0.0	3.6	0.0	0.0	0.0	10.1		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.0		13.1		0.0			2.2			5.0			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%		N/A	
Weighted Factor Value	0.0		3.9		0.0			0.8			0.5			
Project Benefit	5.2													
SMART SCALE Cost	$3,149,948													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**16.5**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

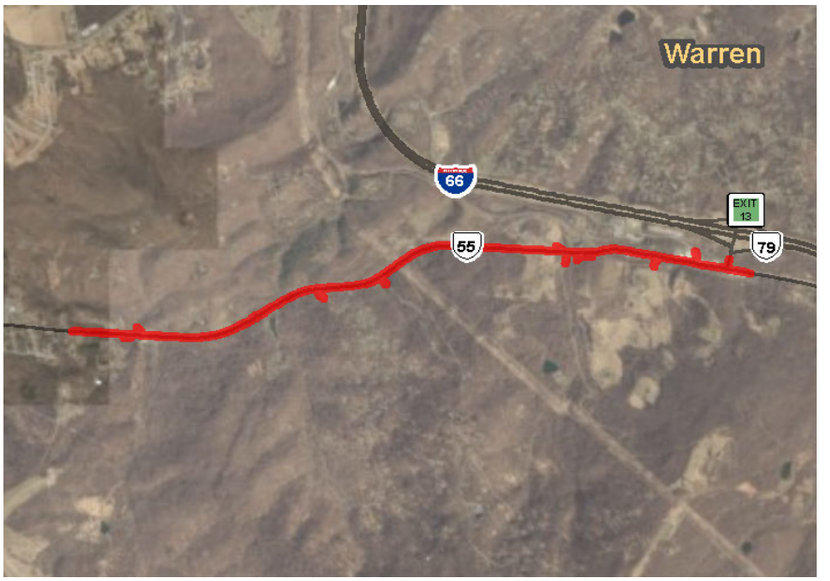
For more information on how to read a scorecard, click here.

John Marshall Hwy./Rte. 55 East Safety Improvement Project

Project Id: 3929

Implement safety enhancements to include rumble strips, raised pavement markers, guardrail improvements, signage upgrades, electronic speed feedback signage, street lighting, fixed object hazard removal, and message board signage.

Submitting Entity: Warren County
Preliminary Engineering: Not Started
Right of Way: Not Needed
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: CoSS
(click here for details)



25.2
SMART SCALE SCORE

#13 OF 433 STATEWIDE

#3 OF 70 DISTRICTWIDE

SMART SCALE Requested Funds..... **$1,633,637**
Total Project Cost..... **$1,633,637**
Project Benefit..... **4.1**
Project Benefit / Total Cost..... **25.2**

SMART SCALE Area Type D

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	0.0 person hrs.	80.6 EPDO	620.3 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	157,321.1 thousand adj sq. ft.	0.0 thousand adj daily tons	2,598,042.3 adj. buffer time index	0.0 adjusted points	1.9 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	23.1	1.3	0.0	0.0	0.0	0.8	0.0	0.1	0.0	5.7		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.0		12.2		0.0			0.5			2.8			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%		N/A	
Weighted Factor Value	0.0		3.7		0.0			0.2			0.3			
Project Benefit	4.1													
SMART SCALE Cost	$1,633,637													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**25.2**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT · DRPT · Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

Lew Dewitt - Rosser Connector

Project Id: 3609

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.

Submitting Entity: Waynesboro City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: CoSS
(click here for details)

1.2
SMART SCALE SCORE

#271 OF 433 STATEWIDE

#52 OF 70 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$14,356,591**
Total Project Cost.....	**$14,356,591**
Project Benefit.....	**1.7**
Project Benefit / Total Cost.....	**1.2**

SMART SCALE Area Type C

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	474.4 persons	194.8 person hrs.	13.0 EPDO	40.3 EPDO / 100M VMT	4.1 jobs per resident	0.7 jobs per resident	30.3 adjusted users	839,481.0 thousand adj sq. ft.	558.1 thousand adj daily tons	9,366,495.9 adj. buffer time index	30.3 adjusted points	1.3 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	1.7	3.0	3.7	0.1	0.1	0.0	0.1	4.3	0.0	0.2	0.2	3.9		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	2.4		1.9		0.1			2.6			2.1			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%		N/A	
Weighted Factor Value	0.4		0.5		0.0			0.7			0.2			
Project Benefit	1.7													
SMART SCALE Cost	$14,356,591													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.2**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

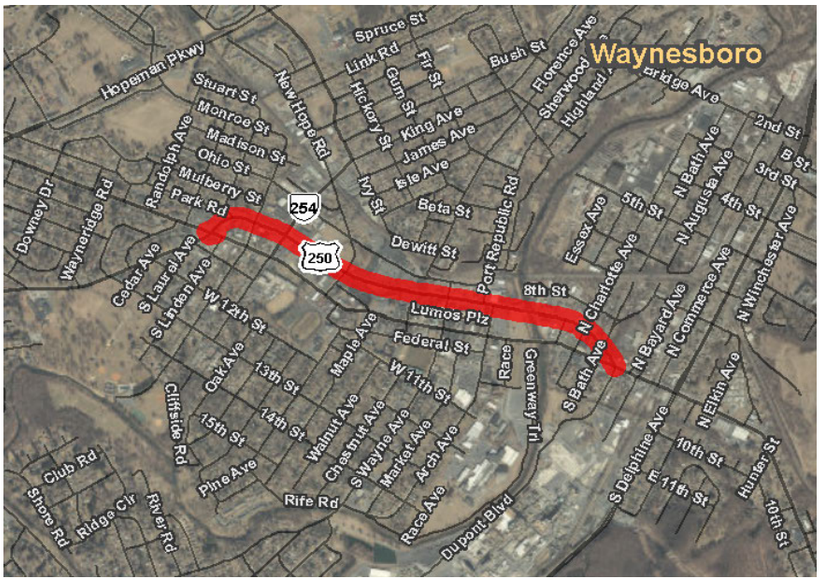
For more information on how to read a scorecard, click here.

Broad Street Streetscape

Project Id: 3610

This project will convert a shared left-turn lane into a median, close entrances, fill sidewalk gaps, plant street trees, and install crosswalks along an inhospitable 1.3-mile section of US-250 running through the heart of Waynesboro.

Submitting Entity: Waynesboro City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: CoSS
(click here for details)



5.3 SMART SCALE SCORE			
	#88	OF 433 STATEWIDE	
	#22	OF 70 DISTRICTWIDE	

SMART SCALE Requested Funds.....	**$5,059,579**
Total Project Cost.....	**$5,059,579**
Project Benefit.....	**2.7**
Project Benefit / Total Cost.....	**5.3**

SMART SCALE Area Type C

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	35.1 persons	0.0 person hrs.	40.9 EPDO	1,306.5 EPDO / 100M VMT	2.1 jobs per resident	2.3 jobs per resident	175.6 adjusted users	628,512.3 thousand adj sq. ft.	0.0 thousand adj daily tons	4,846,373.8 adj. buffer time index	0.0 adjusted points	2.1 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.1	0.0	11.7	2.7	0.0	0.0	0.6	3.2	0.0	0.1	0.0	6.5		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.1		7.2		0.2			1.9			3.2			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%		N/A	
Weighted Factor Value	0.0		1.8		0.0			0.5			0.3			
Project Benefit	2.7													
SMART SCALE Cost	$5,059,579													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**5.3**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

East Main Streetscape

Project Id: 3611

The East Main Streetscape project will narrow the profile of US-250 East Main Street by removing bike lanes and replace them with a 10-foot wide multi-use path. It would also add street trees, utility relocation, and construct medians.

Submitting Entity: Waynesboro City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: CoSS
(click here for details)

11.9
SMART SCALE SCORE

#28 OF 433 STATEWIDE

#8 OF 70 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$2,249,987**
Total Project Cost.....	**$2,249,987**
Project Benefit.....	**2.7**
Project Benefit / Total Cost.....	**11.9**

SMART SCALE Area Type C

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	31.3 persons	0.0 person hrs.	41.7 EPDO	2,020.7 EPDO / 100M VMT	1.2 jobs per resident	2.0 jobs per resident	156.7 adjusted users	376,315.4 thousand adj sq. ft.	0.0 thousand adj daily tons	2,682,667.8 adj. buffer time index	0.0 adjusted points	2.2 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.1	0.0	12.0	4.2	0.0	0.0	0.6	1.9	0.0	0.1	0.0	6.6		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.1		8.1		0.1			1.2			3.3			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%		N/A	
Weighted Factor Value	0.0		2.0		0.0			0.3			0.3			
Project Benefit	2.7													
SMART SCALE Cost	$2,249,987													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**11.9**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

13th and Rosser Roundabout

Project Id: 3637

Construct a roundabout at the intersection of 13th Street and Rosser Avenue in Waynesboro.

Submitting Entity: Waynesboro City
Preliminary Engineering: Underway
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Urban Development Area
(click here for details)

8.4
SMART SCALE SCORE

#46 OF 433 STATEWIDE

#11 OF 70 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$550,990**
Total Project Cost.....	**$578,937**
Project Benefit.....	**0.5**
Project Benefit / Total Cost.....	**8.0**

SMART SCALE Area Type C

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	16.8 persons	4.2 person hrs.	4.0 EPDO	732.4 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	84.2 adjusted users	39,352.6 thousand adj sq. ft.	0.0 thousand adj daily tons	753,723.2 adj. buffer time index	50.5 adjusted points	0.4 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.1	0.1	1.1	1.5	0.0	0.0	0.3	0.2	0.0	0.0	0.4	1.2		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.1		1.3		0.1			0.1			0.8			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%		N/A	
Weighted Factor Value	0.0		0.3		0.0			0.0			0.1			
Project Benefit	0.5													
SMART SCALE Cost	$550,990													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**8.4**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT · DRPT · Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

Traffic Improvements on Jubal Early Drive at Pleasant Valley

Project Id: 3528

Construction of double left turn lanes on both directions of Jubal Early Drive at Pleasant Valley Road. A new right turn lane would also be constructed on eastbound Jubal Early at Pleasant Valley Road.

Submitting Entity: Winchester City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: Regional Network
(click here for details)

2.8
SMART SCALE SCORE

#158 OF 433 STATEWIDE

#35 OF 70 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$2,217,750**
Total Project Cost.....	**$2,217,750**
Project Benefit.....	**0.6**
Project Benefit / Total Cost.....	**2.8**

SMART SCALE Area Type C

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	19.3 persons	7.9 person hrs.	1.3 EPDO	50.5 EPDO / 100M VMT	0.5 jobs per resident	1.0 jobs per resident	28.9 adjusted users	596,049.1 thousand adj sq. ft.	1,875.6 thousand adj daily tons	7,904,177.2 adj. buffer time index	38.5 adjusted points	0.4 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.1	0.1	0.4	0.1	0.0	0.0	0.1	3.0	0.0	0.2	0.3	1.2		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.1		0.2		0.0			1.9			0.7			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%		N/A	
Weighted Factor Value	0.0		0.1		0.0			0.5			0.1			
Project Benefit	0.6													
SMART SCALE Cost	$2,217,750													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**2.8**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

Millwood Avenue Traffic Improvements

Project Id: 4244

Project consists of removing the existing traffic signal at Millwood Avenue/Mall Blvd and adding a raised center median that would eliminate all left turns at the intersection. A double left turn will also be constructed on WB Millwood.

Submitting Entity: Winchester City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: Regional Network
(click here for details)

1.9
SMART SCALE SCORE

#216 OF 433 STATEWIDE

#42 OF 70 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$4,394,780**
Total Project Cost.....	**$4,394,780**
Project Benefit.....	**0.8**
Project Benefit / Total Cost.....	**1.9**

SMART SCALE Area Type C

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	0.0 person hrs.	5.9 EPDO	308.3 EPDO / 100M VMT	0.1 jobs per resident	0.3 jobs per resident	0.0 adjusted users	596,049.1 thousand adj sq. ft.	0.0 thousand adj daily tons	9,023,532.8 adj. buffer time index	0.0 adjusted points	0.5 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	1.7	0.6	0.0	0.0	0.0	3.0	0.0	0.2	0.0	1.6		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.0		1.2		0.0			1.9			0.8			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%		N/A	
Weighted Factor Value	0.0		0.3		0.0			0.5			0.1			
Project Benefit	0.8													
SMART SCALE Cost	$4,394,780													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.9**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

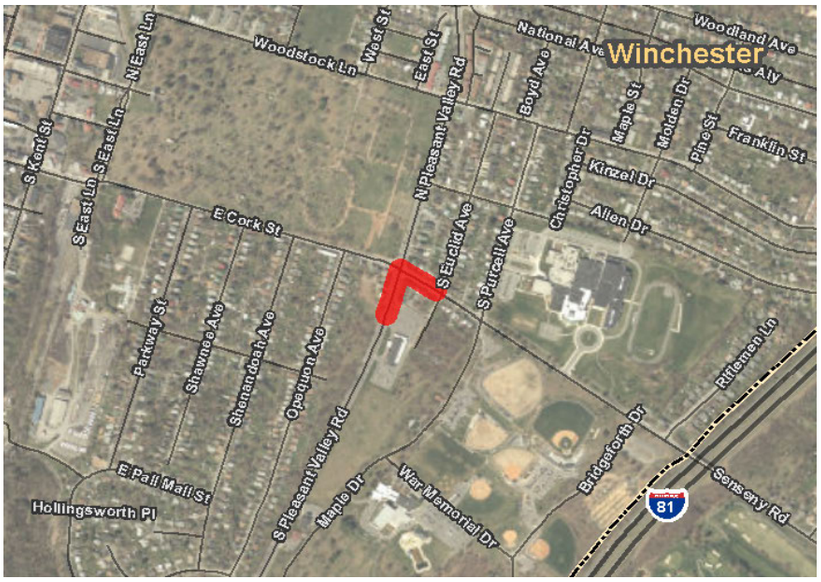
For more information on how to read a scorecard, click here.

Pleasant Valley Road Traffic Improvements at Cork Street

Project Id: 4246

Construction of a right turn lane on northbound Pleasant Valley at Cork Street.

Submitting Entity: Winchester City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Safety
(click here for details)



4.9
SMART SCALE SCORE

#95 OF 433 STATEWIDE

#24 OF 70 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$992,570**
Total Project Cost.....	**$992,570**
Project Benefit.....	**0.5**
Project Benefit / Total Cost.....	**4.9**

SMART SCALE Area Type C

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	0.0 person hrs.	6.9 EPDO	577.8 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	51,830.4 thousand adj sq. ft.	0.0 thousand adj daily tons	2,637,998.2 adj. buffer time index	0.0 adjusted points	0.3 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	2.0	1.2	0.0	0.0	0.0	0.3	0.0	0.1	0.0	0.9		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.0		1.6		0.0			0.2			0.5			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%		N/A	
Weighted Factor Value	0.0		0.4		0.0			0.0			0.0			
Project Benefit	0.5													
SMART SCALE Cost	$992,570													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**4.9**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

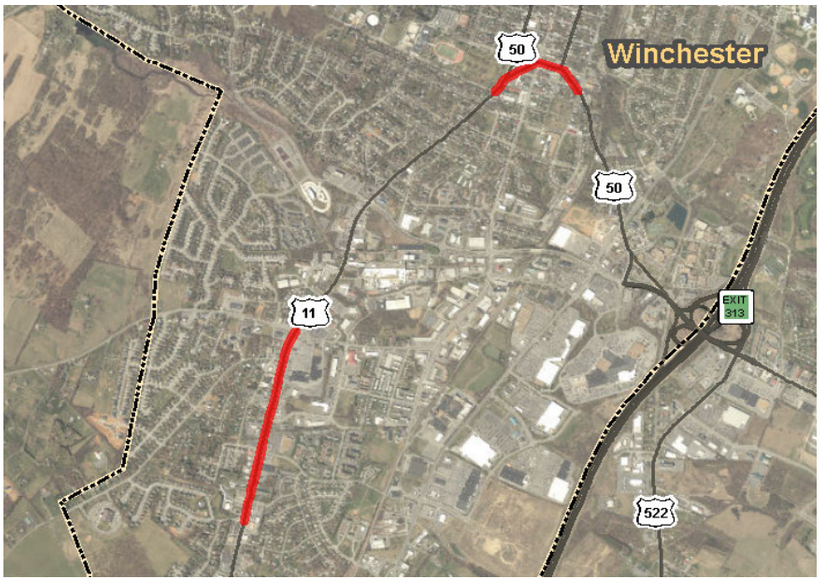
For more information on how to read a scorecard, click here.

Traffic Signal Improvements on Valley and Gerrard Corridors

Project Id: 4247

Installation of traffic adaptive system on the existing traffic signals on the Valley Avenue corridor (U.S. 11) and Gerrard Street corridor (U.S. 11, 522, 50, 17).

Submitting Entity: Winchester City
Preliminary Engineering: Not Started
Right of Way: Not Needed
Construction: Not Started
Eligible Fund Program: Both
VTRANS Need: Regional Network
(click here for details)



7.9
SMART SCALE SCORE

#50 OF 433 STATEWIDE

#13 OF 70 DISTRICTWIDE

SMART SCALE Requested Funds..... **$1,227,000**
Total Project Cost..... **$1,227,000**
Project Benefit..... **1.0**
Project Benefit / Total Cost..... **7.9**

SMART SCALE Area Type C

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	63.4 person hrs.	14.6 EPDO	150.9 EPDO / 100M VMT	1.0 jobs per resident	2.0 jobs per resident	0.0 adjusted users	125,688.6 thousand adj sq. ft.	105,348.9 thousand adj daily tons	22,667,269.0 adj. buffer time index	0.0 adjusted points	0.6 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	1.0	4.2	0.3	0.0	0.0	0.0	0.6	2.2	0.5	0.0	1.9		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.5		2.2		0.0			0.9			1.0			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%		N/A	
Weighted Factor Value	0.1		0.6		0.0			0.2			0.1			
Project Benefit	1.0													
SMART SCALE Cost	$1,227,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**7.9**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

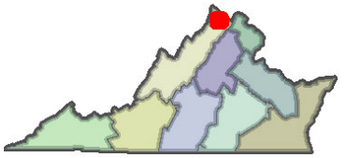
For more information on how to read a scorecard, click here.

I-81 Winchester Shoulder Improvement Project

Project Id: 4174

Provide improved full depth outside shoulders between Exits 313 and 317.

Submitting Entity:	Win-Fred Metropolitan Planning Organization
Preliminary Engineering:	Not Started
Right of Way:	Not Started
Construction:	Not Started
Eligible Fund Program:	Statewide High Priority
VTRANS Need:	CoSS (click here for details)



2.2
SMART SCALE SCORE

#193 OF 433 STATEWIDE

#38 OF 70 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$19,975,027**
Total Project Cost.....	**$19,975,027**
Project Benefit.....	**4.4**
Project Benefit / Total Cost.....	**2.2**

SMART SCALE Area Type C

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	0.0 person hrs.	78.8 EPDO	91.5 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	1,538,801.4 thousand adj sq. ft.	0.0 thousand adj daily tons	0.0 adj. buffer time index	0.0 adjusted points	2.8 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	22.6	0.2	0.0	0.0	0.0	7.8	0.0	0.0	0.0	8.4		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.0		11.4		0.0			4.7			4.2			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%		N/A	
Weighted Factor Value	0.0		2.8		0.0			1.2			0.4			
Project Benefit	4.4													
SMART SCALE Cost	$19,975,027													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**2.2**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

I-81 Exit 317 Accel/Decel Lane Extensions

Project Id: 4224

At I-81 Exit 317, extend the existing NB acceleration and SB deceleration lanes to meet current AASHTO/VDOT standards.

Submitting Entity:	Win-Fred Metropolitan Planning Organization
Preliminary Engineering:	Not Started
Right of Way:	Not Started
Construction:	Not Started
Eligible Fund Program:	Statewide High Priority
VTRANS Need:	CoSS (click here for details)

7.0
SMART SCALE SCORE

#62 OF 433 STATEWIDE

#14 OF 70 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$3,209,056**
Total Project Cost.....	**$3,209,056**
Project Benefit.....	**2.3**
Project Benefit / Total Cost.....	**7.0**

SMART SCALE Area Type C

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	0.5 person hrs.	1.4 EPDO	26.4 EPDO / 100M VMT	0.6 jobs per resident	1.2 jobs per resident	0.0 adjusted users	1,058,412.3 thousand adj sq. ft.	336,372.1 thousand adj daily tons	211,980.6 adj. buffer time index	2,303.0 adjusted points	1.5 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	0.4	0.1	0.0	0.0	0.0	5.4	7.1	0.0	16.3	4.5		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.0		0.2		0.0			4.7			10.4			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%		N/A	
Weighted Factor Value	0.0		0.1		0.0			1.2			1.0			
Project Benefit	2.3													
SMART SCALE Cost	$3,209,056													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**7.0**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

I-81 Exit 307 Roundabouts

Project Id: 4231

Convert the two existing Rt. 277 & I-81 Exit 307 ramp signalized intersections to roundabouts.

Submitting Entity: Win-Fred Metropolitan Planning Organization
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Statewide High Priority
VTRANS Need: CoSS
(click here for details)

1.5 SMART SCALE SCORE	**#240** OF 433 STATEWIDE	SMART SCALE Requested Funds.....	**$13,727,749**
	#47 OF 70 DISTRICTWIDE	Total Project Cost.....	**$14,135,128**
		Project Benefit.....	**2.1**
		Project Benefit / Total Cost.....	**1.5**

SMART SCALE Area Type C														
Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	0.0 persons	9.1 person hrs.	27.6 EPDO	1,509.3 EPDO / 100M VMT	3.0 jobs per resident	5.0 jobs per resident	0.0 adjusted users	604,140.8 thousand adj sq. ft.	11,277.3 thousand adj daily tons	365,734.5 adj. buffer time index	0.0 adjusted points	1.6 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.1	7.9	3.1	0.1	0.1	0.0	3.1	0.2	0.0	0.0	4.9		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.1		5.5		0.0			1.9			2.5			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%		N/A	
Weighted Factor Value	0.0		1.4		0.0			0.5			0.2			
Project Benefit	2.1													
SMART SCALE Cost	$13,727,749													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.5**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

I-81 Exit 313 Bridge Capacity Improvement

Project Id: 4237

Project will add capacity to the planned replacement of structurally deficient US 17/50/522 bridge over I-81 at Exit 313.

Submitting Entity: Win-Fred Metropolitan Planning Organization
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Statewide High Priority
VTRANS Need: CoSS
(click here for details)

4.3
SMART SCALE SCORE

#109 OF 433 STATEWIDE

#29 OF 70 DISTRICTWIDE

SMART SCALE Requested Funds..... **$5,264,400**
Total Project Cost..... **$34,114,400**
Project Benefit..... **2.3**
Project Benefit / Total Cost..... **0.7**

SMART SCALE Area Type C

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	71.7 persons	0.0 person hrs.	21.8 EPDO	262.9 EPDO / 100M VMT	42.2 jobs per resident	45.4 jobs per resident	215.2 adjusted users	1,204,045.0 thousand adj sq. ft.	0.0 thousand adj daily tons	61,294,536.4 adj. buffer time index	0.0 adjusted points	1.5 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.3	0.0	6.3	0.5	0.7	0.8	0.8	6.1	0.0	1.4	0.0	4.5		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.1		3.4		0.8			4.0			2.2			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%		N/A	
Weighted Factor Value	0.0		0.8		0.2			1.0			0.2			
Project Benefit	2.3													
SMART SCALE Cost	$5,264,400													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**4.3**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

Route 42 Corridor Improvements - East

Project Id: 3817

The Town of Woodstock seeks funding for corridor safety and access management improvements. The corridor is subject to increased traffic with performance deficiencies and is identified as having a high potential for safety improvement (psi).

Submitting Entity: Woodstock Town
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Safety
(click here for details)

3.0
SMART SCALE SCORE

#151 OF 433 STATEWIDE

#33 OF 70 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$10,232,265**
Total Project Cost.....	**$10,232,265**
Project Benefit.....	**3.1**
Project Benefit / Total Cost.....	**3.0**

SMART SCALE Area Type D

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	16.2 persons	0.4 person hrs.	49.3 EPDO	1,165.3 EPDO / 100M VMT	6.6 jobs per resident	7.2 jobs per resident	48.6 adjusted users	164,374.0 thousand adj sq. ft.	6,922.1 thousand adj daily tons	33,698,266.2 adj. buffer time index	64.8 adjusted points	2.0 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.1	0.0	14.1	2.4	0.1	0.1	0.2	0.8	0.1	0.8	0.5	6.1		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.0		8.3		0.1			0.7			3.3			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%		N/A	
Weighted Factor Value	0.0		2.5		0.0			0.2			0.3			
Project Benefit	3.1													
SMART SCALE Cost	$10,232,265													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**3.0**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

Ox Road Bicycle and Pedestrian Improvements

Project Id: 4617

The Town of Woodstock seeks funding for bicycle and pedestrian improvements to Ox Road for the section that extends from Route 42 to Park Avenue to enhance the safety, mobility, and accessibility for pedestrians and bicyclists.

Submitting Entity: Woodstock Town
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Safety
(click here for details)

5.3 SMART SCALE SCORE	**#89**	OF 433 STATEWIDE	SMART SCALE Requested Funds..... **$1,468,870**
	#23	OF 70 DISTRICTWIDE	Total Project Cost..... **$1,468,870**
			Project Benefit..... **0.8**
			Project Benefit / Total Cost..... **5.3**

SMART SCALE Area Type D

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	4.0 persons	0.0 person hrs.	8.7 EPDO	545.6 EPDO / 100M VMT	4.6 jobs per resident	5.0 jobs per resident	11.9 adjusted users	132,551.3 thousand adj sq. ft.	0.0 thousand adj daily tons	0.0 adj. buffer time index	0.0 adjusted points	0.5 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	2.5	1.1	0.1	0.1	0.0	0.7	0.0	0.0	0.0	1.5		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.0		1.8		0.1			0.4			0.7			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%		N/A	
Weighted Factor Value	0.0		0.5		0.0			0.1			0.1			
Project Benefit	0.8													
SMART SCALE Cost	$1,468,870													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**5.3**													

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

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

Water Street Bicycle and Pedestrian Improvements

Project Id: 4631

The Town of Woodstock seeks funding for bicycle and pedestrian improvements to Water Street for the section extending from East Reservoir Road to Mill Road to enhance the safety, mobility, and accessibility for pedestrians and bicyclists.

Submitting Entity: Woodstock Town
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Safety
(click here for details)

1.9 SMART SCALE SCORE		
	#213 OF 433 STATEWIDE	SMART SCALE Requested Funds..... **$1,129,171**
	#41 OF 70 DISTRICTWIDE	Total Project Cost..... **$1,129,171**
		Project Benefit..... **0.2**
		Project Benefit / Total Cost..... **1.9**

SMART SCALE Area Type D

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	6.7 persons	0.0 person hrs.	2.7 EPDO	176.3 EPDO / 100M VMT	5.4 jobs per resident	6.2 jobs per resident	20.1 adjusted users	12,116.2 thousand adj sq. ft.	0.0 thousand adj daily tons	0.0 adj. buffer time index	0.0 adjusted points	0.1 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	0.8	0.4	0.1	0.1	0.1	0.1	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	N/A
Factor Value	0.0		0.6		0.1			0.0			0.2			
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	$1,129,171													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.9**													

Revised: 01/22/2019

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

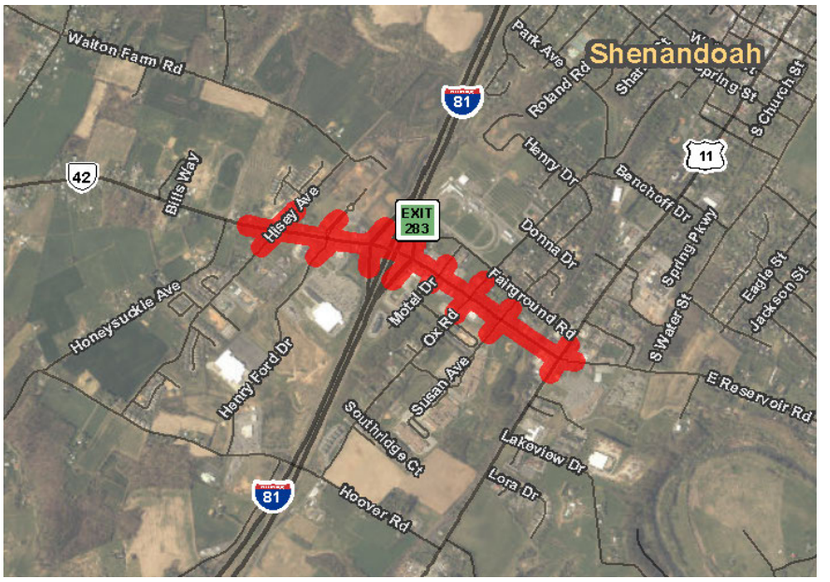
For more information on how to read a scorecard, click here.

Route 42 Corridor Improvements

Project Id: 4714

The Town of Woodstock seeks funding for corridor safety and access management improvements. The corridor is subject to increased traffic with performance deficiencies and is identified as having a high potential for safety improvement (psi).

Submitting Entity: Woodstock Town
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: District Grant
VTRANS Need: Safety
(click here for details)



2.4
SMART SCALE SCORE

#175 OF 433 STATEWIDE

#36 OF 70 DISTRICTWIDE

SMART SCALE Requested Funds.....	**$15,102,827**
Total Project Cost.....	**$15,102,827**
Project Benefit.....	**3.6**
Project Benefit / Total Cost.....	**2.4**

SMART SCALE Area Type D

Factor	Congestion Mitigation		Safety		Accessibility			Economic Development			Environment		Land Use	
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Other Factor Values Scaled by Potential Acreage Impacted	Transportation Efficient Land Use	Increase in Transportation Efficient Land Use
Measure Value	20.4 persons	0.5 person hrs.	60.5 EPDO	1,091.0 EPDO / 100M VMT	7.3 jobs per resident	8.8 jobs per resident	61.3 adjusted users	202,054.4 thousand adj sq. ft.	12,444.1 thousand adj daily tons	15,254,649.9 adj. buffer time index	81.7 adjusted points	2.5 scaled points	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.1	0.0	17.4	2.3	0.1	0.2	0.2	1.0	0.3	0.3	0.6	7.6		
Measure Weight (% of Factor)	50%	50%	50%	50%	60%	20%	20%	60%	20%	20%	50%	50%	N/A	N/A
Factor Value	0.0		9.8		0.2			0.7			4.1			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%		N/A	
Weighted Factor Value	0.0		2.9		0.0			0.3			0.4			
Project Benefit	3.6													
SMART SCALE Cost	$15,102,827													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**2.4**													