SMART SCALE

FY 2022

SCORECARDS

Commonwealth Transportation Board
Office of Intermodal Planning and Investment
Virginia Department of Transportation
Virginia Department of Rail and Public Transportation

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SMART SCALE — Funding the Right Transportation Projects in Virginia

VDOT · DRPT · Office of INTERMODAL Planning and Investment

HOW TO READ A SCORECARD

A project scorecard is prepared for each project that is evaluated and scored. The scorecard is a snapshot of project information and scoring. The following provides a brief overview of the information contained in the scorecard.

PROJECT SCORECARD

Powhite NB at Chippenham Capacity and Safety Improvements — Project Id: 6740

1 Construct a choice lane on Powhite Parkway NB at the on-ramp from Chippenham SB and extend the third express lane to the Chippenham Interchange; install rumble strips along the outside travel lanes of Powhite Parkway NB from the RT 150 interchange to the toll plaza.

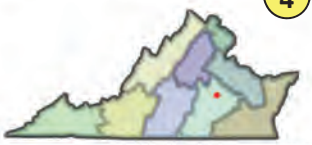
2

SMART SCALE SCORE			
6.1	#85 OF 397 STATEWIDE	SMART SCALE Requested Funds	$17,169,000
		Total Project Cost	$17,169,000
	#10 OF 75 DISTRICTWIDE	Project Benefit	10.5
		Project Benefit / Total Cost	6.1

3

Submitting Entity:	Richmond Regional Transportation Planning Organization
Preliminary Engineering:	Not Started
Right of Way:	Not Started
Construction:	Not Started
Eligible Fund Program:	HPP
Evacuation Route:	No
VTRANS Need:	Regional Network

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	Impact to Natural and Cultural Resources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	626.5 persons	51.6 person hrs	3.8 EPDO	65.5 EPDO / 100M VMT	342.4 jobs per resident	303.5 jobs per resident	0.0 adjusted users	97,368.6 adj sq. ft.	23,882.7 daily tons	7,365,620.0 adj. buffer time index	0.0 adjusted points	0.03 impacted acres	30.6 access * pop/emp density /h	19.8 access * pop/emp density change
Normalized Measure Value (0-100)	33.6	8.5	0.6	0.2	19.8	15.4	0.0	0.2	1.9	0.1	0.0	8.7	46.3	30.0
Measure Weight (% of Factor)	50%	50%	70%	30%	80%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	21.0		0.5		15.0			0.5			0.0		38.1	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%	5 (max point reduction)	10%	
Weighted Factor Value	3.2		0.1		3.7			0.1			0.0	-0.4	3.8	
Project Benefit	10.5													
SMART SCALE Cost	$17,169,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	6.1													

5

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

1 **Project Overview:** Includes the project name, a short description of the project, and the application ID.

2 **Score Summary:** Provides the SMART SCALE score, rank, project cost, and benefit.

3 **Project Information:** Provides information about the project, applicant, delivery status, requested funding, and project need.

4 **Project Map:** Helps identify the limits of the project and the location of the project within the Commonwealth of Virginia.

5 **Scoring Table:** Displays detailed information on how the SMART SCALE score was determined. Factor and measure values are shown to allow the reader to follow the calculation steps and better understand how the project performed in each area.

How to calculate the SMART SCALE Score using the Scoring Table:

1. The *Measure Value* is determined by assessing the data and characteristics of the project and is then normalized as a percentage of the highest *Measure Value* in that year's cohort of projects.
2. The *Normalized Measure Value* is then multiplied by the *Measure Weight*.
3. *Normalized Measure Values* are then summed to equal the *Factor Value*.
4. The *Factor Value* is then multiplied by the appropriate *Factor Weight* for the area type of the project.
5. *Project Benefit* is then calculated from the sum of the *Weighted Factor Values*.
6. The *SMART SCALE Score* is calculated by taking the *Project Benefit* and dividing by the *SMART SCALE Cost* (in tens of millions).

Explanations of Measures Values:

- Congestion Mitigation
  - Person throughput is the projected increase in persons moving through the project limits during the peak period for current year.
  - Delay is the projected reduction in cumulative time for all persons to move through the project limits for current year.
- Safety
  - Reduction of fatal and injury crashes and crash rate is calculated using the Equivalent Property Damage Only (EPDO) methodology used by FHWA. This equates all crash severities on the same scale by assigning a higher weight to fatal and injury crashes than those that are property damage only.
  - Crash rate reduction is determined by the number of crashes per 100 Million Vehicle Miles Traveled (VMT). This measure also uses the EPDO methodology stated in the first safety measure.
- Accessibility
  - Access to jobs is the number of jobs to which each person has access within 45 minutes (60 minutes for transit projects). The total number of jobs divided by the population equates to jobs per person.
  - Access to jobs for disadvantaged populations is calculated in the same manner as the first Accessibility measure, only for a particular subset of the population.
  - Increase to multimodal travel choices is determined by how the project supports travel choices and the connections between modes. Points are assigned based on project characteristics, and are then multiplied by the number of non-single occupancy vehicle users.
- Economic Development
  - Square Feet of Commercial and Industrial development supported uses either 50% or 100% of each development's square footage based on the proximity of the development to the project. A point value is then determined based on how the project fits with local and regional economic plans and policy, and is multiplied by the adjusted square feet of development.
  - Tons of goods impacted determines the amount of daily freight tons impacted by the project and multiplies the tonnage by a point value based on certain criteria.
  - Improvement to travel time reliability uses weather event frequency and impact as well as incident frequency and impact along with a buffer index to evaluate the improvement in travel time reliability. This value is multiplied by corridor Vehicle Miles Traveled (VMT) to scale the results.
- Environment
  - Potential to improve air quality uses specific criteria to assign point values to each project and multiplies them by the number of peak period non-single occupancy vehicle users.
  - The potential natural and cultural acreage impacted uses a buffer around the project limits, and is a subtractive measure based on the total potential sensitive acreage impacted.
- Land Use
  - Future Transportation Efficient Land Use measure reports a project's non-work accessibility scaled by the surrounding area's 2030 population and employment density.
  - Increase in Transportation Efficient Land Use measure reports a project's non-work accessibility scaled by the surrounding area's 2010 to 2030 increase in population and employment density.

BRISTOL DISTRICT

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PROJECT SCORECARD

Display Id	Project Name	Organization	District Rank	State Rank	Page #
6886	4th Street at Holston Road Turn Lane Improvements	Wytheville Town	1	39	01-33
6966	Realignment of 2nd Street Approach	Richlands Town	2	74	01-19
6996	US58 East of Tacoma Mtn Median Barrier	Wise County	3	94	01-30
6848	I-77 Northbound Truck Climbing Lane	Mount Rogers Planning District Commission	4	130	01-15
6997	US23 Safety Improvements	Wise County	5	143	01-31
6679	Hawthorne Drive to 11th Street Improvements	Norton City	6	160	01-16
6927	US Route 11 at Rifton Drive	Smyth County	7	162	01-25
6926	US Route 11 / SR 660 Roundabout South	Smyth County	8	167	01-24
6923	US 460 at Leatherwood Lane Offset Left-Turn Lanes	Bluefield Town	9	170	01-04
6888	W Monroe St at US 11 Realignment	Wytheville Town	10	184	01-34
6801	US460 at SR610 intersection Improvments	Tazewell County	11	216	01-27
6829	SR 83 at SR 637 Roundabout	Dickenson County	12	217	01-11
6936	US 19 EB Super Elevation Improvements	Russell County	13	245	01-20
6712	Thompson Drive and Stanley Street Roundabout	Abingdon Town	14	248	01-01
6917	US 23 at US 58 Intersection Improvements	Scott County	15	251	01-22
6959	221 - US460 Intersection Improvements	Richlands Town	16	257	01-18
6859	Widen US Route 11 Western Section	Bristol City	17	266	01-06
6919	US 23 at Hilton Road Access Modifications	Scott County	18	269	01-23
6924	College Avenue Access Management & Sidewalks	Bluefield Town	19	275	01-05
6864	Widen US 11 Eastern Section	Bristol Metropolitan Planning Organization	20	280	01-08
6875	Gilley Ave at Carter Street Turn Lanes	Big Stone Gap Town	21	289	01-03
6882	I-81 Frontage Road	Bristol Metropolitan Planning Organization	22	291	01-10
6900	US 52 at Apache Run Realignment	Wythe County	23	302	01-32
6680	Park Avenue & 11th Street Improvements	Norton City	24	312	01-17
6920	US 58 at Delhart Rd Turn Lane Improvements	Grayson County	25	315	01-12
6878	Cook Street Extension	Bristol Metropolitan Planning Organization	26	322	01-09
6863	MLK Jr Blvd at Moore St Roundabout	Bristol City	27	323	01-07
6744	U.S. Route 58 at U.S. Route 11 Roundabout	Washington County	28	325	01-29
6760	BUS 19 TWLTL	Tazewell Town	29	345	01-28
6860	E 5th at Gilley Radius Improvements	Big Stone Gap Town	30	351	01-02
6958	US58 Between Mulberry and River Bend	Lee County	31	357	01-14

SMART SCALE
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PROJECT SCORECARD

Display Id	Project Name	Organization	District Rank	State Rank	Page #
6681	US 460 and US 19 Intersection Improvements	Tazewell County	32	364	01-26
6945	US 58 Alt Turn Lane Improvements at Sundown Drive	Russell County	33	388	01-21
6946	US 58 at SR 94 Turn Lanes	Grayson County	33	388	01-13

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PROJECT SCORECARD

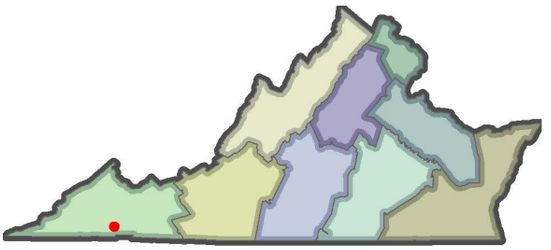
Thompson Drive and Stanley Street Roundabout

Project Id: 6712

This project removes driveway access from the intersection of Thompson Dr at Stanley St and converts it to a single-lane roundabout. A sidewalk will also be constructed along the southeast quadrant of the roundabout extending back to Radio Drive. The remaining access driveway on the east side of Thomson Drive will be moved to the north to align with the shopping center driveway. Project includes acquisition of ROW and the relocation of overhead utilities and guardrail along Thompson Drive.

1.9 SMART SCALE SCORE			
	#248 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$5,246,993
		Total Project Cost	$5,246,993
	#14 OF 34 DISTRICTWIDE	**Project Benefit**	1.0
		Project Benefit / Total Cost	1.9

Submitting Entity: Abingdon Town
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: DGP
Evacuation Route: No
VTRANS Need: Safety (non-CoSS)



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	9.6 persons	0.6 person hrs.	3.2 EPDO	3,228.7 EPDO / 100M VMT	0.1 jobs per resident	0.1 jobs per resident	14.4 adjusted users	9,812.6 adj sq. ft.	0.0 daily tons	0.0 adj. buffer time index	19.2 adjusted points	3.6 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.5	0.1	0.5	9.1	0.0	0.0	0.6	0.0	0.0	0.0	0.4	0.3		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.3		3.1		0.1			0.0			0.4			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		0.9		0.0			0.0			0.0	0.0		
Project Benefit	1.0													
SMART SCALE Cost	$5,246,993													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.9**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

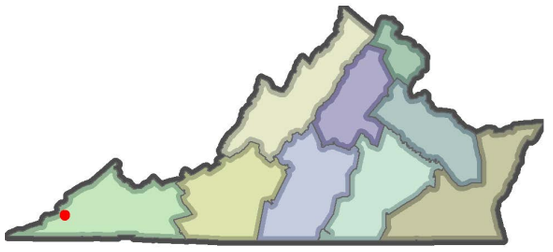
E 5th at Gilley Radius Improvements

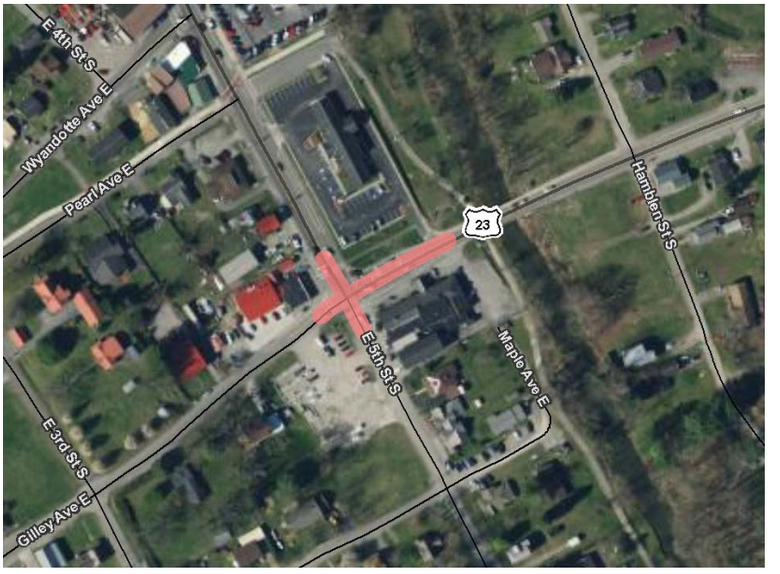
Project Id: 6860

The proposed project involves increasing the northeast quadrant radius at the intersection of 5th St at Gilley Ave. The existing sidewalk in this area will be reconstructed with 2 ADA ramps installed and the entire intersection will be milled and overlaid to remove crosswalks. The existing strain poles for the traffic signal will be removed and replaced with dual mast arms at the northeast and southwest quadrants.

0.4 SMART SCALE SCORE	**#351** OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$1,945,055
		Total Project Cost	$1,945,055
	#30 OF 34 DISTRICTWIDE	**Project Benefit**	0.1
		Project Benefit / Total Cost	0.4

Submitting Entity: Big Stone Gap Town
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: No
VTRANS Need: Corridor of Statewide Significance





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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	0.0 persons	0.0 person hrs.	0.8 EPDO	276.4 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	14,173.1 adj sq. ft.	0.0 daily tons	0.0 adj. buffer time index	0.0 adjusted points	5.1 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	0.1	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.0		0.3		0.0			0.0			0.0			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		0.1		0.0			0.0			0.0	0.0		
Project Benefit	0.1													
SMART SCALE Cost	$1,945,055													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.4**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

Gilley Ave at Carter Street Turn Lanes

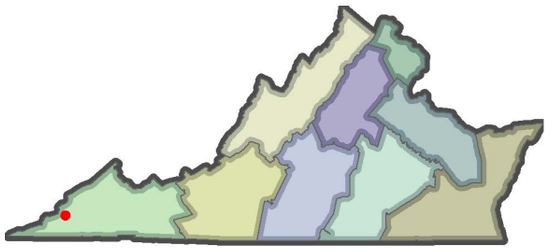
Project Id: 6875

The proposed project widens Gilley Ave for approximately 575' to accommodate 3 new left-turn lanes between Maxfield Rd and Dogwood Dr. The widening would occur to the north as Gilley Ave transitions from 4-lane divided to 2-lane undivided road and requires ROW acquisitions. The new left-turn lanes would provide for 100' of storage and 100' taper, each. Finally, the western most driveway to the Gas Station will be closed to limit the number of access points on Gilley Ave.

1.1 SMART SCALE SCORE	
#289	OF 397 STATEWIDE
#21	OF 34 DISTRICTWIDE

SMART SCALE Requested Funds	$2,166,125
Total Project Cost	$2,166,125
Project Benefit	0.2
Project Benefit / Total Cost	1.1

Submitting Entity: Big Stone Gap Town
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	0.0 persons	0.0 person hrs.	2.3 EPDO	674.0 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	6,590.2 adj sq. ft.	0.0 daily tons	403,259.0 adj. buffer time index	0.0 adjusted points	0.2 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	0.4	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.0		0.8		0.0			0.0			0.0			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		0.2		0.0			0.0			0.0	0.0		
Project Benefit	0.2													
SMART SCALE Cost	$2,166,125													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.1**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

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PROJECT SCORECARD

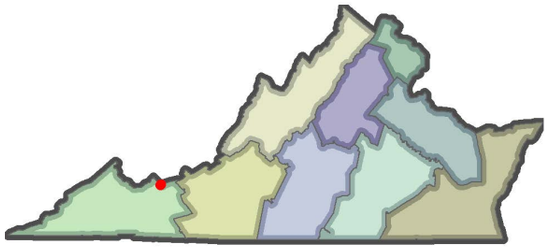
US 460 at Leatherwood Lane Offset Left-Turn Lanes

Project Id: 6923

Construct offset left-turn lanes at two intersections along US 460 in the Town of Bluefield to improve safety. The EB US-460 left-turn lane will be offset by 12-feet at the T-intersection at Commerce Drive; also includes replacement of the existing traffic signal and minor drainage modifications. EB and WB left-turn lanes will each be offset by 12-feet at the intersection of US-460 and Leatherwood Lane; also includes replacement of the traffic signal at the and minor drainage modifications

3.4 SMART SCALE SCORE	**#170** OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$4,594,934
		Total Project Cost	$4,594,934
	#9 OF 34 DISTRICTWIDE	**Project Benefit**	1.6
		Project Benefit / Total Cost	3.4

Submitting Entity: Bluefield Town
Preliminary Engineering: Not Started
Right of Way: Not Needed
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	0.0 persons	0.0 person hrs.	31.8 EPDO	1,327.1 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	494,157.7 adj sq. ft.	0.0 daily tons	0.0 adj. buffer time index	0.0 adjusted points	0.2 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	5.1	3.7	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.0		4.7		0.0			0.5			0.0			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		1.4		0.0			0.2			0.0	0.0		
Project Benefit	1.6													
SMART SCALE Cost	$4,594,934													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**3.4**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

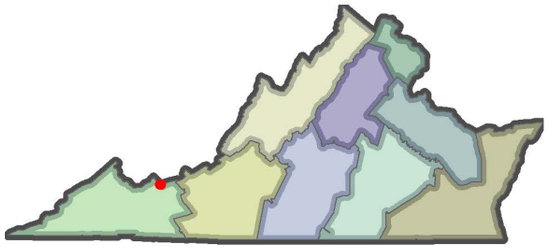
College Avenue Access Management & Sidewalks

Project Id: 6924

Along College Avenue, construct access management improvements and pedestrian improvements along College Avenue. The access management improvements will restrict the left turn onto westbound College Avenue from two full-access driveways. The pedestrian improvements include two separate 900-foot segments of sidewalk along College Avenue; the first is located in front of the Ridgeview Plaza shopping center, and the second is located in front of Bluefield College.

1.3 SMART SCALE SCORE			
	#275 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$2,572,670
		Total Project Cost	$2,572,670
	#19 OF 34 DISTRICTWIDE	**Project Benefit**	0.3
		Project Benefit / Total Cost	1.3

Submitting Entity: Bluefield Town
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: DGP
Evacuation Route: No
VTRANS Need: Safety (non-CoSS)



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	6.8 persons	0.0 person hrs.	2.2 EPDO	317.5 EPDO / 100M VMT	3.3 jobs per resident	3.3 jobs per resident	10.2 adjusted users	288,788.5 adj sq. ft.	0.0 daily tons	0.0 adj. buffer time index	13.6 adjusted points	1.3 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.4	0.0	0.4	0.9	0.2	0.2	0.4	0.5	0.0	0.0	0.3	0.1		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.2		0.5		0.2			0.3			0.3			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		0.2		0.0			0.1			0.0	0.0		
Project Benefit	0.3													
SMART SCALE Cost	$2,572,670													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.3**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

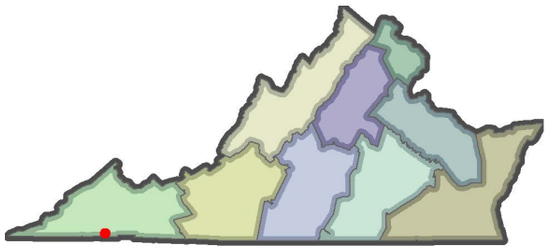
Widen US Route 11 Western Section

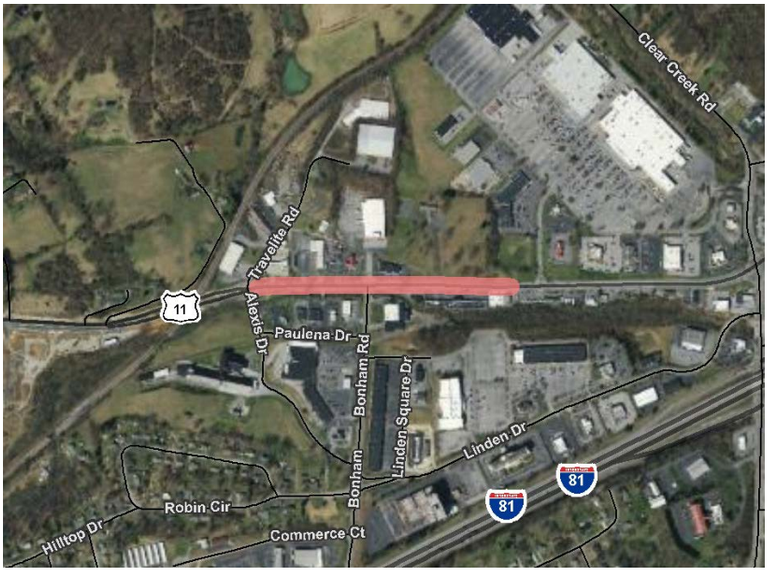
Project Id: 6859

The proposed project continues the widening of US11 to a four-lane, divided road from Alexis Dr to west of Dominion Pl. The south side of US11 will be kept constant and all widening occurring to the north. The new typical section of the road will include 11' wide travel lanes, curb and gutter, pedestrian crosswalks and a 6' wide sidewalk located on the north. Project includes some ROW acquisitions, the relocation of overhead utilities poles, and the extension of a culvert east of Alexis Dr.

1.5 SMART SCALE SCORE			
	#266 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$13,616,787
		Total Project Cost	$13,616,787
	#17 OF 34 DISTRICTWIDE	**Project Benefit**	2.0
		Project Benefit / Total Cost	1.5

Submitting Entity: Bristol City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance





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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	19.3 persons	2.4 person hrs.	27.9 EPDO	2,611.1 EPDO / 100M VMT	2.8 jobs per resident	1.9 jobs per resident	96.7 adjusted users	268,028.1 adj sq. ft.	3,802.1 daily tons	2,871,013.8 adj. buffer time index	58.0 adjusted points	1.7 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	1.0	0.4	4.5	7.3	0.2	0.1	4.0	0.4	0.3	0.0	1.3	0.1		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.7		5.3		0.9			0.3			1.3			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.1		1.6		0.1			0.1			0.1	0.0		
Project Benefit	2.0													
SMART SCALE Cost	$13,616,787													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.5**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

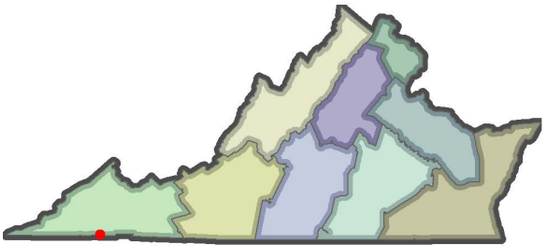
MLK Jr Blvd at Moore St Roundabout

Project Id: 6863

The proposed project involves constructing the signalized intersection of MLK Jr Blvd at Moore St into a single-lane roundabout with a 150' wide inscribed diameter. As part of this construction, the westbound left of Oakview Avenue will be closed and dead-end into the adjacent parking area. The other 4 legs of the intersection will tie into their respective existing/proposed cross-sections. Pedestrian accommodations will be provided at all legs of the roundabout with 5' wide sidewalks.

0.8 SMART SCALE SCORE			
	#323 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$5,625,459
		Total Project Cost	$5,625,459
	#27 OF 34 DISTRICTWIDE	**Project Benefit**	0.4
		Project Benefit / Total Cost	0.8

Submitting Entity: Bristol City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	0.0 persons	6.4 person hrs.	1.8 EPDO	978.7 EPDO / 100M VMT	11.8 jobs per resident	16.1 jobs per resident	0.0 adjusted users	5,987.0 adj sq. ft.	0.0 daily tons	0.0 adj. buffer time index	0.0 adjusted points	3.5 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	1.1	0.3	2.7	0.7	0.8	0.0	0.0	0.0	0.0	0.0	0.3		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.5		1.0		0.6			0.0			0.0			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.1		0.3		0.1			0.0			0.0	0.0		
Project Benefit	0.4													
SMART SCALE Cost	$5,625,459													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.8**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

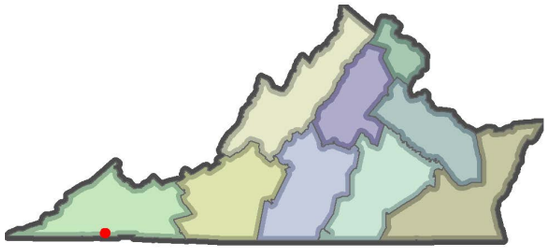
Widen US 11 Eastern Section

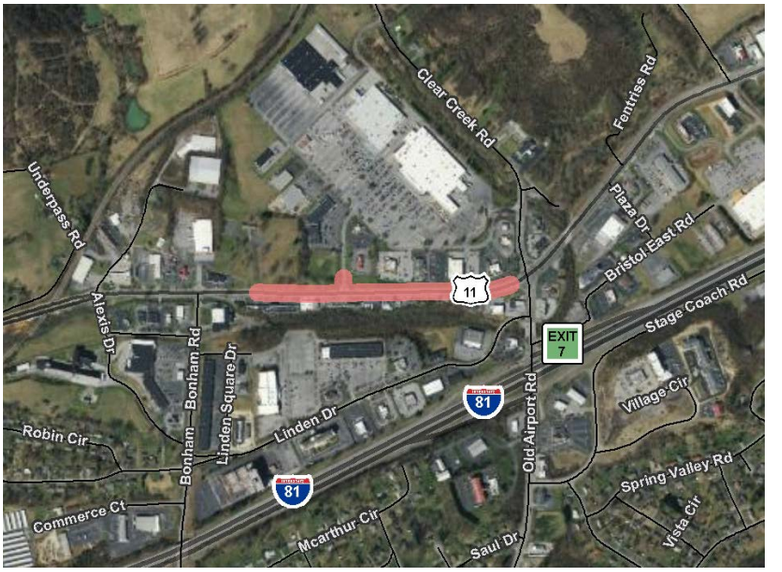
Project Id: 6864

The proposed project involves widening U.S. Route 11 to a four-lane, divided roadway from the church entrance to the west to approximately 400 feet to the west of Old Airport Road. The new typical section of the road will include 11' wide travel lanes, curb and gutter, pedestrian crosswalks and a 6' wide sidewalk located on the north. Project includes some ROW acquisitions, the relocation of overhead utilities poles, and the installation of a retaining wall on the north side.

1.3 SMART SCALE SCORE			
	#280 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$13,395,677
		Total Project Cost	$13,395,677
	#20 OF 34 DISTRICTWIDE	**Project Benefit**	1.7
		Project Benefit / Total Cost	1.3

Submitting Entity: Bristol Metropolitan Planning Organization
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: HPP
Evacuation Route: No
VTRANS Need: Corridor of Statewide Significance





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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	9.2 persons	2.7 person hrs.	29.8 EPDO	1,635.2 EPDO / 100M VMT	2.9 jobs per resident	2.1 jobs per resident	45.9 adjusted users	240,731.6 adj sq. ft.	2,364.4 daily tons	4,069,663.1 adj. buffer time index	27.6 adjusted points	1.8 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.5	0.4	4.8	4.6	0.2	0.1	1.9	0.4	0.2	0.0	0.6	0.1		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.5		4.7		0.5			0.3			0.6			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		1.4		0.1			0.1			0.1	0.0		
Project Benefit	1.7													
SMART SCALE Cost	$13,395,677													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.3**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

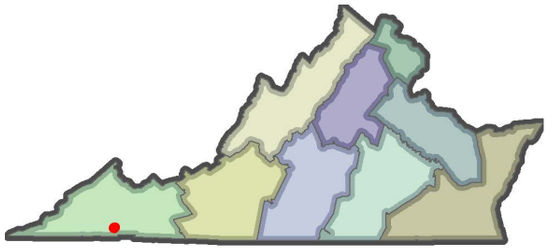
Cook Street Extension

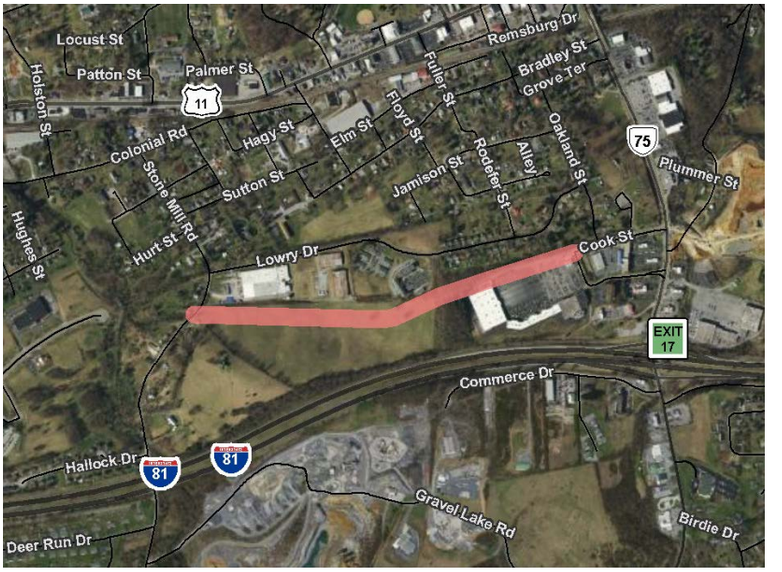
Project Id: 6878

The proposed project involves extending Cook St to Stone Mill Rd to the west. The proposed Cook St extension is an approximately 3,000-foot-long, two-lane, undivided roadway that will serve as a connecting road to Cummings Street. The proposed cross section of the roadway includes 14' wide travel lanes with 5" VDOT Standard sidewalk and curb and gutter. Right-of-way acquisition will be required throughout the length of the project.

0.8 SMART SCALE SCORE			
	#322 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$15,783,692
		Total Project Cost	$15,783,692
	#26 OF 34 DISTRICTWIDE	**Project Benefit**	1.2
		Project Benefit / Total Cost	0.8

Submitting Entity: Bristol Metropolitan Planning Organization
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: HPP
Evacuation Route: No
VTRANS Need: Corridor of Statewide Significance





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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	155.1 persons	62.9 person hrs.	0.0 EPDO	0.0 EPDO / 100M VMT	30.9 jobs per resident	33.9 jobs per resident	5.7 adjusted users	174,491.6 adj sq. ft.	0.0 daily tons	0.0 adj. buffer time index	7.6 adjusted points	2.0 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	8.3	10.3	0.0	0.0	1.8	1.7	0.2	0.3	0.0	0.0	0.2	0.2		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	9.3		0.0		1.5			0.2			0.2			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.9		0.0		0.2			0.1			0.0	0.0		
Project Benefit	1.2													
SMART SCALE Cost	$15,783,692													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.8**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

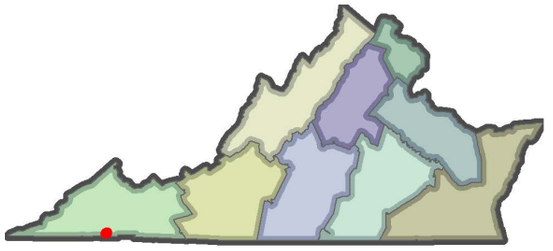
I-81 Frontage Road

Project Id: 6882

The proposed project involves the construction of a 2-lane frontage road to the south of I-81. The frontage road will extend from Stage Coach Road to Old Dominion Road for approximately 1.5 miles. The proposed road will consist of a 2-lane typical section with curb and gutter. ROW acquisitions will be required for the length of the project.

1.1 SMART SCALE SCORE			
	#291 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$30,937,909
		Total Project Cost	$30,937,909
	#22 OF 34 DISTRICTWIDE	**Project Benefit**	3.5
		Project Benefit / Total Cost	1.1

Submitting Entity: Bristol Metropolitan Planning Organization
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: HPP
Evacuation Route: No
VTRANS Need: Corridor of Statewide Significance



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	167.5 persons	69.7 person hrs.	62.6 EPDO	921.9 EPDO / 100M VMT	3.0 jobs per resident	2.8 jobs per resident	0.0 adjusted users	105,284.8 adj sq. ft.	9,001.6 daily tons	0.0 adj. buffer time index	0.0 adjusted points	3.0 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	9.0	11.4	10.0	2.6	0.2	0.1	0.0	0.2	0.7	0.0	0.0	0.2		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	10.2		7.8		0.1			0.2			0.0			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	1.0		2.3		0.0			0.1			0.0	0.0		
Project Benefit	3.5													
SMART SCALE Cost	$30,937,909													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.1**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

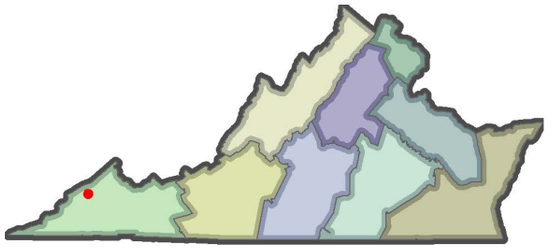
SR 83 at SR 637 Roundabout

Project Id: 6829

The project is for the construction of a single lane roundabout at the intersection of SR 83 at SR 637. The proposed roundabout has an inscribed diameter of 150'. The eastern driveway to the gas station and a park and ride lot will be removed. A right-turn lane will be constructed with storage and taper lengths of 100' for the western gas station access. A new park and ride lot will be constructed on the NE quadrant of the intersection to replace the 20 spaces being removed.

2.3 SMART SCALE SCORE			
	#217 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$5,824,065
		Total Project Cost	$5,824,065
	#12 OF 34 DISTRICTWIDE	**Project Benefit**	1.4
		Project Benefit / Total Cost	2.3

Submitting Entity: Dickenson County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: DGP
Evacuation Route: No
VTRANS Need: Safety (non-CoSS)



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	0.0 persons	5.1 person hrs.	16.2 EPDO	3,527.9 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	3,114.4 adj sq. ft.	0.0 daily tons	289,652.6 adj. buffer time index	0.0 adjusted points	28.9 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.8	2.6	9.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.4		4.8		0.0			0.0			0.0			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		1.4		0.0			0.0			0.0	-0.1		
Project Benefit	1.4													
SMART SCALE Cost	$5,824,065													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**2.3**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

US 58 at Delhart Rd Turn Lane Improvements

Project Id: 6920

The project involves extending turn lanes at US Rte 58 at Delhart Rd intersection to meet minimum VDOT standards. The proposed eastbound left-, existing eastbound right-, & existing westbound left-turn lanes will be installed/extended to provide storage and taper lengths of 200 feet each. The eastbound & westbound left-turn lane will have an inside paved shoulder of 4ft. The eastbound right-turn lane will have an 8' paved outside shoulder and a new guard rail will be installed along its length.

0.9 SMART SCALE SCORE	**#315** OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$3,998,188
		Total Project Cost	$3,998,188
	#25 OF 34 DISTRICTWIDE	**Project Benefit**	0.3
		Project Benefit / Total Cost	0.9

Submitting Entity: Grayson County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance

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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	0.0 persons	0.0 person hrs.	2.6 EPDO	1,056.8 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	0.0 adj sq. ft.	0.0 daily tons	0.0 adj. buffer time index	0.0 adjusted points	2.3 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	0.4	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.0		1.2		0.0			0.0			0.0			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		0.4		0.0			0.0			0.0	0.0		
Project Benefit	0.3													
SMART SCALE Cost	$3,998,188													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.9**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

US 58 at SR 94 Turn Lanes

Project Id: 6946

The proposed project extends the turn lanes at US58 at SR94 intersection to meet minimum VDOT standards. The eastbound left-, westbound left-, and westbound right-turn lanes will be extended to provide storage and taper lengths of 200' each. The eastbound and westbound left-turn lane will have an inside paved shoulder of 4'. The westbound right-turn lane will have an 8' paved shoulder and chevrons to delineate the area between the channelized right-turn lane and the adjacent through lane.

0.0 SMART SCALE SCORE			
	#392 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$3,433,163
		Total Project Cost	$3,433,163
	#34 OF 34 DISTRICTWIDE	**Project Benefit**	0.0
		Project Benefit / Total Cost	0.0

Submitting Entity: Grayson County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance

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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
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 adj sq. ft.	0.0 daily tons	0.0 adj. buffer time index	0.0 adjusted points	13.1 impacted acres	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	1.0		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	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%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		0.0		0.0			0.0			0.0	-0.1		
Project Benefit	0.0													
SMART SCALE Cost	$3,433,163													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.0**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

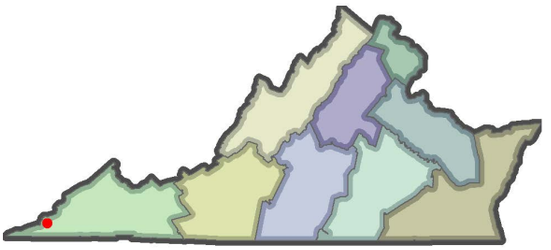
US58 Between Mulberry and River Bend

Project Id: 6958

The proposed project widens US 58 for approximately 1,200' to accommodate a continuous westbound right-turn lane between Mulberry St and Bobcat Cir. The widening would occur to the south, with ROW acquisitions required. A new eastbound 12' wide travel lane would be constructed and existing lanes shifted to accommodate a westbound dedicated right turn lane that would extend from Hardee's west entry approximately 600' to the east. Curb and gutter will be provided on both sides of the road.

0.4 SMART SCALE SCORE			
	#357 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$4,430,354
		Total Project Cost	$4,430,354
	#31 OF 34 DISTRICTWIDE	**Project Benefit**	0.2
		Project Benefit / Total Cost	0.4

Submitting Entity: Lee County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	0.0 persons	0.0 person hrs.	3.5 EPDO	215.6 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	0.0 adj sq. ft.	0.0 daily tons	4,542,194.3 adj. buffer time index	0.0 adjusted points	1.6 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	0.6	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.0		0.6		0.0			0.0			0.0			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		0.2		0.0			0.0			0.0	0.0		
Project Benefit	0.2													
SMART SCALE Cost	$4,430,354													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.4**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

I-77 Northbound Truck Climbing Lane

Project Id: 6848

The proposed project consists of installing an additional 12ft wide truck climbing lane to allow vehicles an opportunity to pass slow-moving trucks traveling northbound on I-77. The northbound direction of I-77 will be widened north of State Route 629 bridge to the northbound I-81 off-ramp for an approximate distance of 1 mile. Widening will occur into the existing median and the inner most lane will be constructed with an 8ft shoulder.

4.6 SMART SCALE SCORE			
	#130 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$16,816,599
		Total Project Cost	$16,816,599
	#4 OF 34 DISTRICTWIDE	**Project Benefit**	7.8
		Project Benefit / Total Cost	4.6

Submitting Entity: Mount Rogers Planning District Commission
Preliminary Engineering: Not Started
Right of Way: Not Needed
Construction: Not Started
Eligible Fund Program: HPP
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance

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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	517.8 persons	40.1 person hrs.	6.3 EPDO	83.5 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	1,220.9 adj sq. ft.	234,397.1 daily tons	1,803,727.2 adj. buffer time index	2,027.0 adjusted points	1.2 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	27.8	6.6	1.0	0.2	0.0	0.0	0.0	0.0	18.4	0.0	45.6	0.1		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	17.2		0.8		0.0			3.7			45.6			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	1.7		0.2		0.0			1.3			4.6	0.0		
Project Benefit	7.8													
SMART SCALE Cost	$16,816,599													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**4.6**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

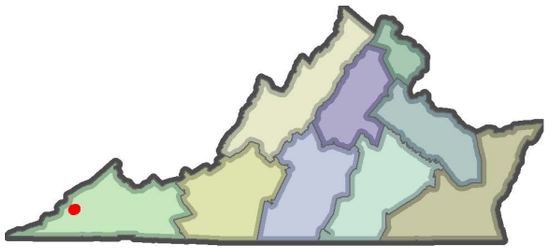
Hawthorne Drive to 11th Street Improvements

Project Id: 6679

This project upgrades the signal controllers and cabinet equipment at the intersections of Park Ave NE, Coeburn Ave, 6th St, 7th St, 8th St, 9th St, and 11th St along Park Ave. The Norton Coeburn Rd at commercial intersection will be modified to a left-in/right-in/right-out with signage and median channelization. Additionally, warning signs ("Be Prepared to Stop") with flashing beacons will be installed along Norton Coeburn Rd as drivers are approaching the Hawthorne Dr intersection.

3.7 SMART SCALE SCORE			
	#160 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$1,075,591
		Total Project Cost	$1,075,591
	#6 OF 34 DISTRICTWIDE	**Project Benefit**	0.4
		Project Benefit / Total Cost	3.7

Submitting Entity: Norton City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	0.0 persons	0.0 person hrs.	6.1 EPDO	494.2 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	197,721.0 adj sq. ft.	0.0 daily tons	3,065,824.0 adj. buffer time index	0.0 adjusted points	0.0 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	1.0	1.4	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.0		1.1		0.0			0.2			0.0			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		0.3		0.0			0.1			0.0	0.0		
Project Benefit	0.4													
SMART SCALE Cost	$1,075,591													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**3.7**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

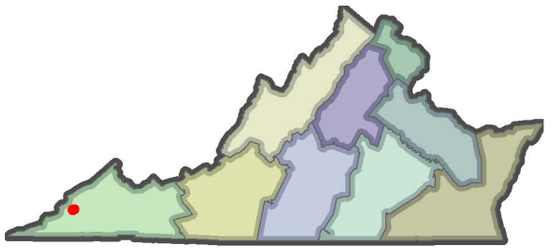
Park Avenue & 11th Street Improvements

Project Id: 6680

This project improves Park Ave between 11th St to 14th St and between Coeburn Ave to Park Ave. Between 11th St to 14th St a road diet includes on-street parking, ped accommodations, and a TWLTL. The 11th St intersection improvements include curb extensions, ADA ramps, increased radius, and relocated mastarm pole. The NB direction of 11th St south of Park Ave will be widened for a shared use path. Road Diet Between Coeburn Ave and Park Ave to include measures to reduce speeds entering the city.

0.9 SMART SCALE SCORE	**#312** OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$4,002,654
		Total Project Cost	$4,002,654
	#24 OF 34 DISTRICTWIDE	**Project Benefit**	0.4
		Project Benefit / Total Cost	0.9

Submitting Entity: Norton City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: DGP
Evacuation Route: No
VTRANS Need: Safety (non-CoSS)



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	13.4 persons	0.0 person hrs.	3.1 EPDO	152.1 EPDO / 100M VMT	0.6 jobs per resident	0.7 jobs per resident	40.2 adjusted users	475,442.1 adj sq. ft.	0.0 daily tons	4,178,910.9 adj. buffer time index	0.0 adjusted points	10.3 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.7	0.0	0.5	0.4	0.0	0.0	1.7	0.8	0.0	0.0	0.0	0.8		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.4		0.5		0.4			0.5			0.0			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		0.1		0.1			0.2			0.0	0.0		
Project Benefit	0.4													
SMART SCALE Cost	$4,002,654													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.9**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

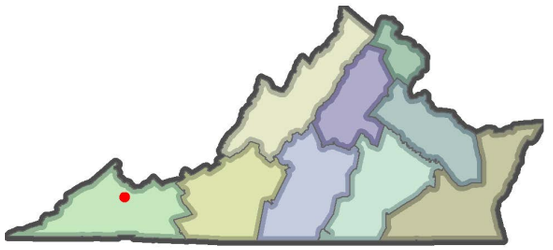
221 - US460 Intersection Improvements

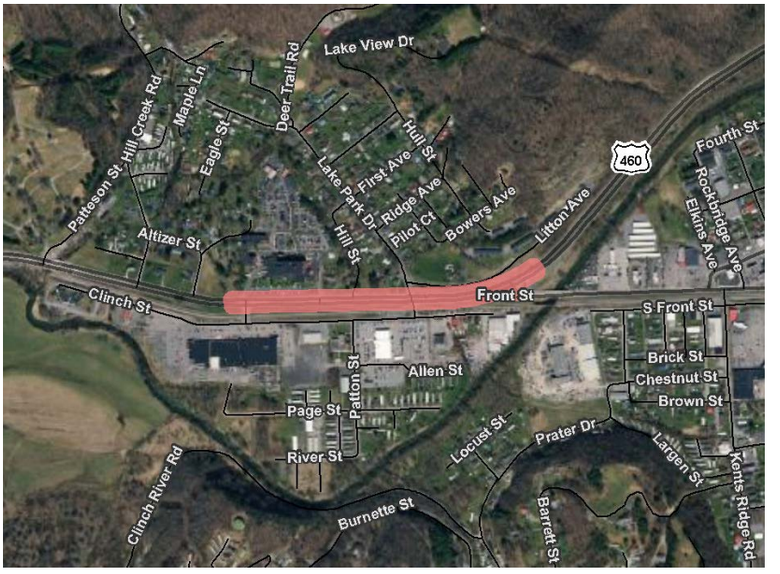
Project Id: 6959

This project improves access management and traffic signals on US 460 between Clinch Valley Medical Center and Front St. The eastern Clinch Valley Medical Center driveway will be converted to a directional access driveway. Traffic signal communication and retiming plans will also be implemented at three existing traffic signals: Clinch Valley Medical Center, Lake Park Dr, and Front St to reduce the number of back-to-back stops and improve corridor progression.

1.7 SMART SCALE SCORE			
	#257 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$1,571,631
		Total Project Cost	$1,571,631
	#16 OF 34 DISTRICTWIDE	**Project Benefit**	0.3
		Project Benefit / Total Cost	1.7

Submitting Entity: Richlands Town
Preliminary Engineering: Not Started
Right of Way: Not Needed
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance





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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	0.0 persons	0.0 person hrs.	5.2 EPDO	327.8 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	0.0 adj sq. ft.	0.0 daily tons	5,718,456.7 adj. buffer time index	0.0 adjusted points	0.0 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	0.8	0.9	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.0		0.9		0.0			0.0			0.0			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		0.3		0.0			0.0			0.0	0.0		
Project Benefit	0.3													
SMART SCALE Cost	$1,571,631													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.7**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

Realignment of 2nd Street Approach

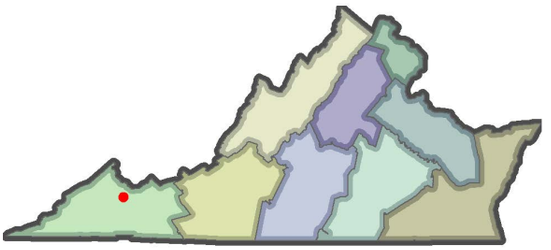
Project Id: 6966

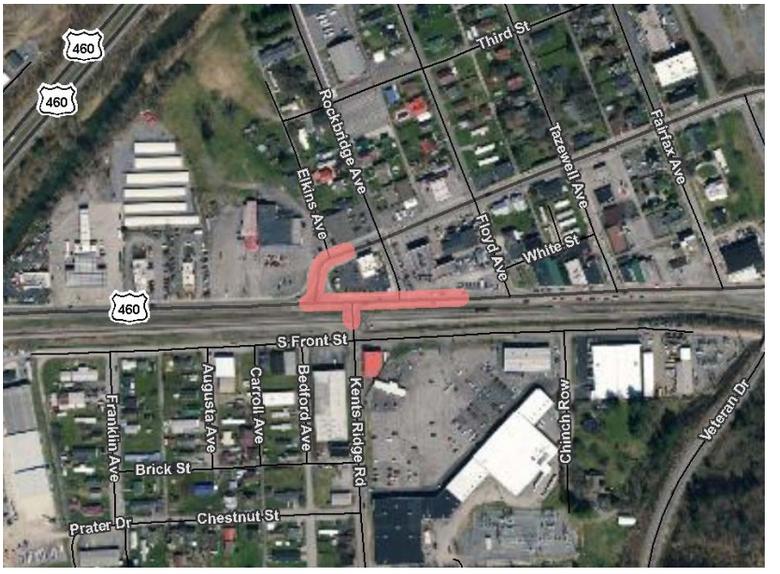
This project improves the intersection of 2nd St and Front St with intersection modifications. This includes realigning the southbound 2nd St inner lane perpendicular to Front St and converting the SB left-turn stop to a free-flow movement. A receiving lane for the free-flow movement from NB Kents Ridge Rd to EB Front St will be provided as part of this proposed project with a 180' acceleration lane and a 115' taper.

8.6 SMART SCALE SCORE		
	#74	OF 397 STATEWIDE
	#2	OF 34 DISTRICTWIDE

SMART SCALE Requested Funds	$1,533,931
Total Project Cost	$1,533,931
Project Benefit	1.3
Project Benefit / Total Cost	8.6

Submitting Entity: Richlands Town
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance





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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	0.0 persons	0.2 person hrs.	11.6 EPDO	3,936.4 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	0.0 adj sq. ft.	0.0 daily tons	472,387.8 adj. buffer time index	0.0 adjusted points	18.7 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	1.9	11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.0		4.6		0.0			0.0			0.0			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		1.4		0.0			0.0			0.0	-0.1		
Project Benefit	1.3													
SMART SCALE Cost	$1,533,931													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**8.6**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

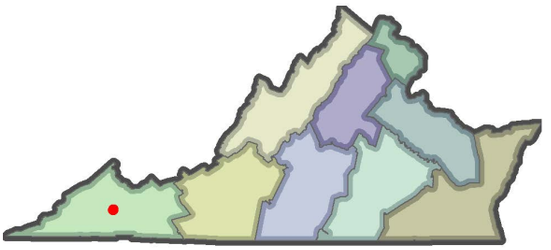
US 19 EB Super Elevation Improvements

Project Id: 6936

The proposed project increases the super elevation of the eastbound direction of US 19 approximately 1,900 feet west of SR 80 to meet VDOT's minimum standards. The south side of the roadway will be kept constant while the north side will be lowered to achieve the required super elevation through the horizontal curve. Roadway improvements will occur in the median for a length of approximately 1,600' and will include a 6' paved shoulder with rumble strips.

2.0 SMART SCALE SCORE			
	#245 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$4,941,660
		Total Project Cost	$4,941,660
	#13 OF 34 DISTRICTWIDE	**Project Benefit**	1.0
		Project Benefit / Total Cost	2.0

Submitting Entity: Russell County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: DGP
Evacuation Route: No
VTRANS Need: Safety (non-CoSS)



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	0.0 persons	0.0 person hrs.	17.8 EPDO	1,681.6 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	0.0 adj sq. ft.	0.0 daily tons	0.0 adj. buffer time index	0.0 adjusted points	12.4 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	2.8	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.0		3.4		0.0			0.0			0.0			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		1.0		0.0			0.0			0.0	0.0		
Project Benefit	1.0													
SMART SCALE Cost	$4,941,660													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**2.0**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

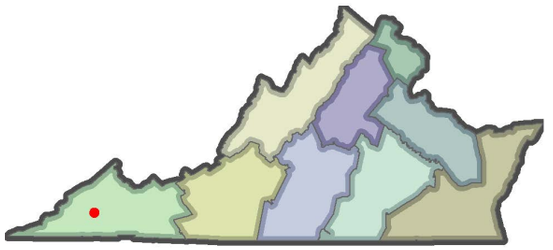
US 58 Alt Turn Lane Improvements at Sundown Drive

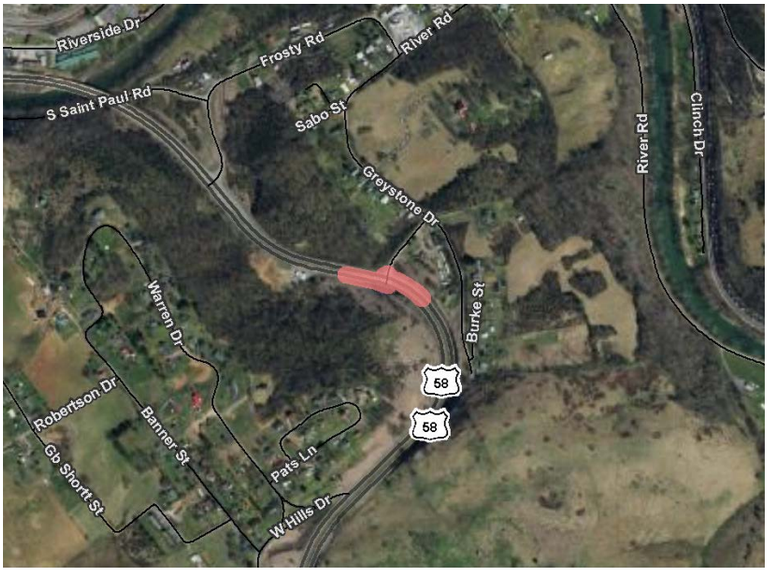
Project Id: 6945

The proposed project involves extending the turn lanes at US 58 at Sundown Dr to meet VDOT's minimum standards. The eastbound left- and westbound right-turn lanes will be extended to 200' storage and 200' taper. The eastbound left-turn lane will have a paved 4' inside shoulder and the westbound right-turn lane will have a paved 8' outside shoulder. ROW acquisition will be required for the westbound right-turn lane due to the required cross-slope to accommodate the turn lane and shoulder.

0.0 SMART SCALE SCORE	**#391** OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$2,229,244
		Total Project Cost	$2,229,244
	#33 OF 34 DISTRICTWIDE	**Project Benefit**	0.0
		Project Benefit / Total Cost	0.0

Submitting Entity: Russell County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance





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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	0.0 persons	0.0 person hrs.	0.5 EPDO	134.7 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	0.0 adj sq. ft.	0.0 daily tons	386,066.9 adj. buffer time index	0.0 adjusted points	19.4 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.0		0.2		0.0			0.0			0.0			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		0.1		0.0			0.0			0.0	-0.1		
Project Benefit	0.0													
SMART SCALE Cost	$2,229,244													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.0**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

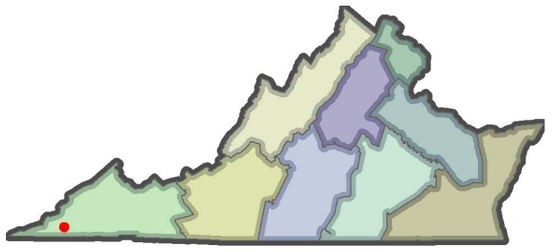
US 23 at US 58 Intersection Improvements

Project Id: 6917

This project improves US 58 and Natural Tunnel Pkwy to provide new turn lanes. A second NB left-turn will be constructed in the median with 250' storage and 100' taper. The existing traffic signal mastarm located in the median will be relocated and a median wall (MB-8A) installed. A NB right-turn with 125' storage and 100' taper will be added and modified from yield to signal controlled. Finally, a new westbound right-turn with 200' storage and 100' taper will be added on Natural Tunnel Pkwy

1.8 SMART SCALE SCORE			
	#251 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$4,771,075
		Total Project Cost	$4,771,075
	#15 OF 34 DISTRICTWIDE	**Project Benefit**	0.9
		Project Benefit / Total Cost	1.8

Submitting Entity: Scott County
Preliminary Engineering: Not Started
Right of Way: Not Needed
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	0.0 persons	3.0 person hrs.	9.8 EPDO	1,644.0 EPDO / 100M VMT	4.7 jobs per resident	4.6 jobs per resident	0.0 adjusted users	137,904.6 adj sq. ft.	15,674.5 daily tons	3,731,438.8 adj. buffer time index	0.0 adjusted points	17.6 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.5	1.6	4.6	0.3	0.2	0.0	0.2	1.2	0.0	0.0	1.4		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.2		2.5		0.2			0.4			0.0			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		0.7		0.0			0.1			0.0	-0.1		
Project Benefit	0.9													
SMART SCALE Cost	$4,771,075													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.8**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

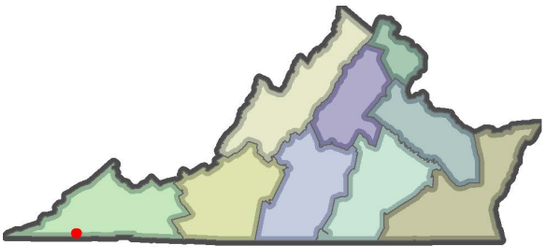
US 23 at Hilton Road Access Modifications

Project Id: 6919

This project improves US23 by partially restricting access to a gas-station by converting its existing southbound left-turn on US23 into a channelized left-over and preventing left-turns out of the development. This left-turn lane will be shifted slightly to the south to better accommodate U-turns with construction of a loon, which provides space for vehicles to turn. The southbound left-turn lanes at the signalized intersection of US23 at Hilton Road will be extended approximately 100'

1.4 SMART SCALE SCORE			
	#269 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$3,077,901
		Total Project Cost	$3,077,901
	#18 OF 34 DISTRICTWIDE	**Project Benefit**	0.4
		Project Benefit / Total Cost	1.4

Submitting Entity: Scott County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	0.0 persons	0.0 person hrs.	11.3 EPDO	488.8 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	0.0 adj sq. ft.	0.0 daily tons	5,196,899.7 adj. buffer time index	0.0 adjusted points	17.1 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	1.8	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.0		1.7		0.0			0.0			0.0			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		0.5		0.0			0.0			0.0	-0.1		
Project Benefit	0.4													
SMART SCALE Cost	$3,077,901													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.4**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

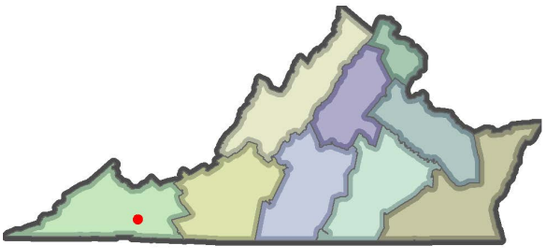
US Route 11 / SR 660 Roundabout South

Project Id: 6926

The proposed project involves constructing a single lane roundabout at the intersection of U.S. Route 11 and State Route 660 (south side). The proposed roundabout has an inscribed diameter of 120 feet and one circulating lane. Some ROW acquisitions and access management are anticipated for this project. No sidewalk or curb and gutter is included as part of this project. New guardrail will be installed on the northeast and southeast quadrants of the proposed roundabout.

3.4 SMART SCALE SCORE			
	#167 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$5,710,062
		Total Project Cost	$5,710,062
	#8 OF 34 DISTRICTWIDE	**Project Benefit**	2.0
		Project Benefit / Total Cost	3.4

Submitting Entity: Smyth County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	0.0 persons	0.7 person hrs.	8.0 EPDO	6,824.3 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	15,757.8 adj sq. ft.	0.0 daily tons	37,512.8 adj. buffer time index	0.0 adjusted points	11.0 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.1	1.3	19.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.1		6.6		0.0			0.0			0.0			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		2.0		0.0			0.0			0.0	0.0		
Project Benefit	2.0													
SMART SCALE Cost	$5,710,062													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**3.4**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

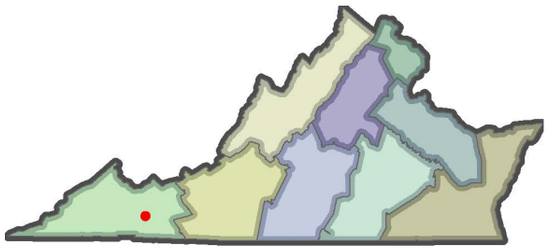
PROJECT SCORECARD

US Route 11 at Rifton Drive Project Id: 6927

The proposed project involves converting the intersection of Rifton Dr and US11 to an unsignalized Green-T. A raised channelized median will be constructed in the intersection and raised flex-post delineators will be added along US 11 to accommodate the Green-T concept. New signs and pavement markings will be installed to delineate movements at this intersection. This project will mill and overlay the intersection.

3.6 SMART SCALE SCORE			
	#162 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$782,026
		Total Project Cost	$782,026
	#7 OF 34 DISTRICTWIDE	**Project Benefit**	0.3
		Project Benefit / Total Cost	3.6

Submitting Entity: Smyth County
Preliminary Engineering: Not Started
Right of Way: Not Needed
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	0.0 persons	0.0 person hrs.	4.1 EPDO	822.2 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	3,662.5 adj sq. ft.	0.0 daily tons	555,368.4 adj. buffer time index	0.0 adjusted points	16.1 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	0.7	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.0		1.1		0.0			0.0			0.0			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		0.3		0.0			0.0			0.0	-0.1		
Project Benefit	0.3													
SMART SCALE Cost	$782,026													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**3.6**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

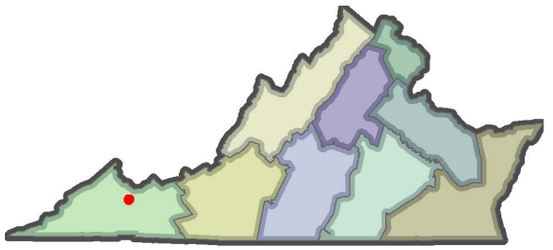
US 460 and US 19 Intersection Improvements

Project Id: 6681

This project improves conditions at the intersection of US 460 at US 19 with new laneage and signal operations. A WB right-turn deceleration lane will be constructed, and a second WB thru lane will be created. The SB channelized right turn will be modified to include a new acceleration lane for traffic to merge onto US 19 due to the new thru lane. The SB thru lane will be separated from the shared-left into its own lane at the traffic signal. ROW acquisitions would be required for this project.

0.2 SMART SCALE SCORE			
	#364 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$15,232,719
		Total Project Cost	$15,232,719
	#32 OF 34 DISTRICTWIDE	**Project Benefit**	0.4
		Project Benefit / Total Cost	0.2

Submitting Entity: Tazewell County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	0.0 persons	7.0 person hrs.	2.7 EPDO	833.5 EPDO / 100M VMT	1.4 jobs per resident	1.2 jobs per resident	0.0 adjusted users	62,935.8 adj sq. ft.	14,063.6 daily tons	355,067.2 adj. buffer time index	0.0 adjusted points	26.5 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	1.1	0.4	2.3	0.1	0.1	0.0	0.1	1.1	0.0	0.0	2.0		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.6		1.0		0.1			0.3			0.0			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.1		0.3		0.0			0.1			0.0	-0.1		
Project Benefit	0.4													
SMART SCALE Cost	$15,232,719													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.2**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

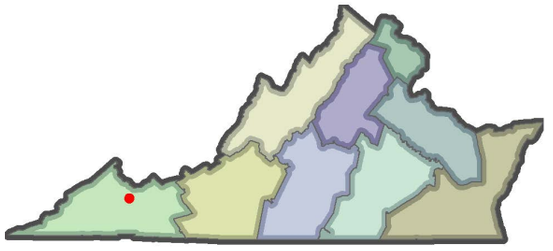
PROJECT SCORECARD

US460 at SR610 intersection Improvments Project Id: 6801

This project improves the geometric conditions at the intersection of US 460 at SR 610. The eastbound elevation of US 460 will be raised to remove the grade difference with the westbound direction. This will allow for the northbound approach to be brought into the existing traffic signal. A new mast arm pole will be installed to serve the northbound approach. The short acceleration lane for the northbound right turn movement will be removed. ROW acquisitions will be needed for this project.

2.4 SMART SCALE SCORE			
	#216 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$9,358,603
		Total Project Cost	$9,358,603
	#11 OF 34 DISTRICTWIDE	**Project Benefit**	2.2
		Project Benefit / Total Cost	2.4

Submitting Entity: Tazewell County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	0.0 persons	0.0 person hrs.	13.9 EPDO	7,087.8 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	83,190.4 adj sq. ft.	0.0 daily tons	176,500.3 adj. buffer time index	0.0 adjusted points	20.2 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	2.2	19.9	0.0	0.0	0.0	0.1	0.0	0.0	0.0	1.6		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.0		7.5		0.0			0.1			0.0			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		2.3		0.0			0.0			0.0	-0.1		
Project Benefit	2.2													
SMART SCALE Cost	$9,358,603													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**2.4**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

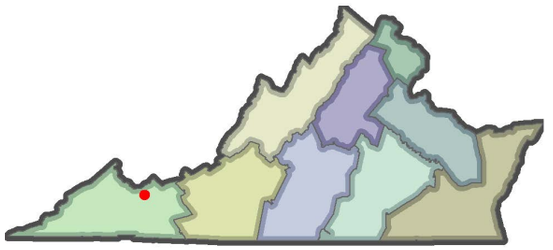
PROJECT SCORECARD

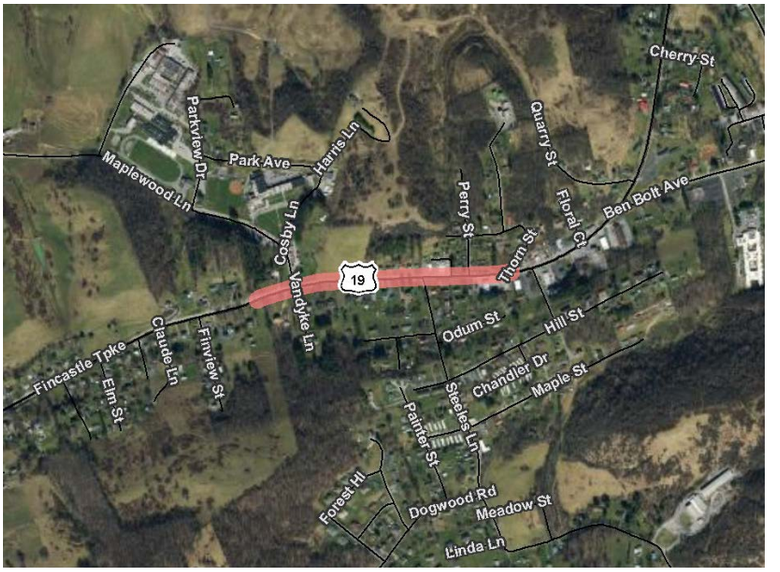
BUS 19 TWLTL — Project Id: 6760

This project widens BUS US 19 to a three-lane typical roadway with a TWLTL from Bull Dogs Ln to Steeles Ln. ROW acquisitions will be required. An EB left-turn lane and a WB right-turn lane will be constructed at the intersection of BUS US 19 and Bull Dogs Ln. An exclusive WB left-turn lane will also be constructed at Steeles Ln and at gas station entrance. Sidewalk will be provided along the north side BUS US 19 with a crosswalk at the Steeles Ln intersection, where it transitions to the south.

0.5 SMART SCALE SCORE	**#345** OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$9,309,199
		Total Project Cost	$9,309,199
	#29 OF 34 DISTRICTWIDE	**Project Benefit**	0.4
		Project Benefit / Total Cost	0.5

Submitting Entity: Tazewell Town
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance





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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	0.0 persons	0.1 person hrs.	6.6 EPDO	744.3 EPDO / 100M VMT	1.2 jobs per resident	1.1 jobs per resident	0.0 adjusted users	101,641.8 adj sq. ft.	0.0 daily tons	1,660,507.2 adj. buffer time index	0.0 adjusted points	8.1 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	1.1	2.1	0.1	0.1	0.0	0.2	0.0	0.0	0.0	0.6		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.0		1.4		0.1			0.1			0.0			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		0.4		0.0			0.0			0.0	0.0		
Project Benefit	0.4													
SMART SCALE Cost	$9,309,199													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.5**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

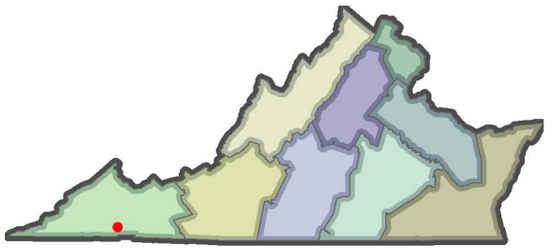
U.S. Route 58 at U.S. Route 11 Roundabout

Project Id: 6744

The proposed project converts the existing signalized intersection if U.S. Route 11 and U.S. Route 58 in Washington County to a roundabout. The proposed roundabout has an inscribed diameter of approximately 180 feet and includes 2 circulating lanes for 3 of approaches. The westbound right-turn lane will be constructed as a slip lane. Access to an existing business located to the west will be maintained and brought into the roundabout's operation as a forth leg.

0.7 SMART SCALE SCORE			
	#325 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$13,144,721
		Total Project Cost	$13,144,721
	#28 OF 34 DISTRICTWIDE	**Project Benefit**	1.0
		Project Benefit / Total Cost	0.7

Submitting Entity: Washington County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	0.0 persons	16.1 person hrs.	11.9 EPDO	1,515.3 EPDO / 100M VMT	7.6 jobs per resident	7.2 jobs per resident	0.0 adjusted users	11,154.8 adj sq. ft.	0.0 daily tons	2,400,852.1 adj. buffer time index	0.0 adjusted points	0.8 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	2.6	1.9	4.2	0.4	0.4	0.0	0.0	0.0	0.0	0.0	0.1		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	1.3		2.6		0.3			0.0			0.0			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.1		0.8		0.1			0.0			0.0	0.0		
Project Benefit	1.0													
SMART SCALE Cost	$13,144,721													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.7**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

US58 East of Tacoma Mtn Median Barrier

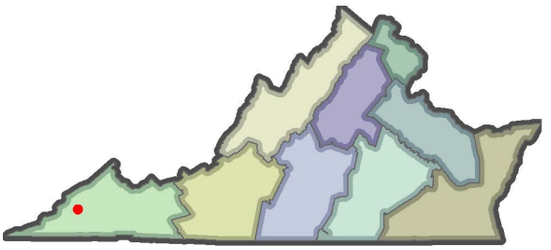
Project Id: 6996

The proposed project involves constructing a concrete barrier (MB-8A) with chevron warning signs (W1-8) within the median of US Route 58 for a length of 750 feet. The proposed project is located approximately 800 feet east of Stone Mountain Road.

6.8 SMART SCALE SCORE			
	#94	OF 397 STATEWIDE	
	#3	OF 34 DISTRICTWIDE	

SMART SCALE Requested Funds	$2,541,035
Total Project Cost	$2,541,035
Project Benefit	1.7
Project Benefit / Total Cost	6.8

Submitting Entity: Wise County
Preliminary Engineering: Not Started
Right of Way: Not Needed
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	0.0 persons	0.0 person hrs.	22.0 EPDO	3,905.2 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	0.0 adj sq. ft.	0.0 daily tons	0.0 adj. buffer time index	0.0 adjusted points	1.3 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	3.5	11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.0		5.8		0.0			0.0			0.0			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		1.7		0.0			0.0			0.0	0.0		
Project Benefit	1.7													
SMART SCALE Cost	$2,541,035													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**6.8**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

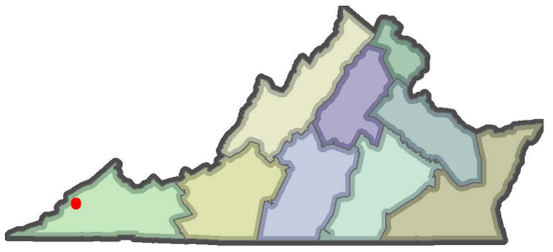
US23 Safety Improvements

Project Id: 6997

This project involves turn lane and median opening improvements along US 23 at 5 locations. Left-turn lanes will be constructed on US 23 at Carriage Ln with storage and taper lengths of 200'. The midblock median opening will be closed at Dakota Rd. Existing access to the Indian Mountain Trade Center will be modified and new turn lanes constructed. An eastbound left-turn lane will be constructed at the BBQ restaurant entrance to the south with a storage length of 100' and taper length of 200'.

4.1 SMART SCALE SCORE			
	#143 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$5,083,482
		Total Project Cost	$5,083,482
	#5 OF 34 DISTRICTWIDE	**Project Benefit**	2.1
		Project Benefit / Total Cost	4.1

Submitting Entity: Wise County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: DGP
Evacuation Route: No
VTRANS Need: Safety (non-CoSS)



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	0.0 persons	0.0 person hrs.	38.1 EPDO	3,236.8 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	0.0 adj sq. ft.	0.0 daily tons	2,541,053.4 adj. buffer time index	0.0 adjusted points	0.5 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	6.1	9.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.0		7.0		0.0			0.0			0.0			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		2.1		0.0			0.0			0.0	0.0		
Project Benefit	2.1													
SMART SCALE Cost	$5,083,482													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**4.1**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

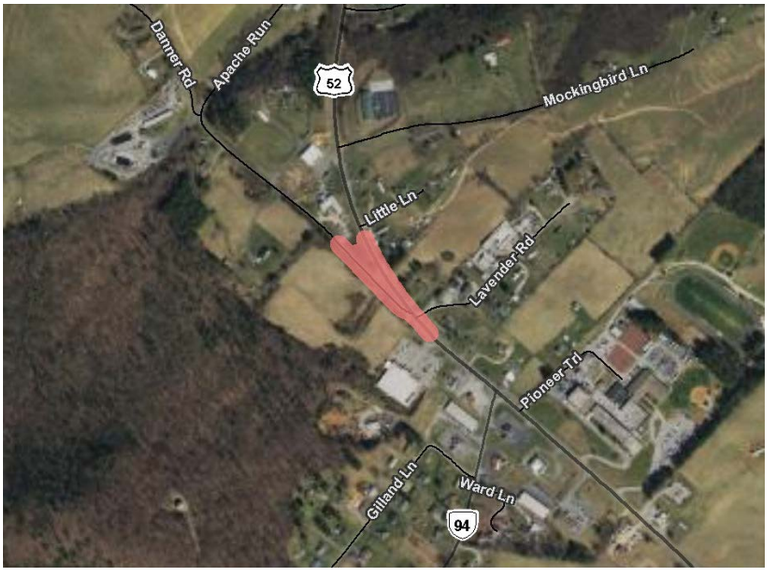
US 52 at Apache Run Realignment

Project Id: 6900

The proposed project involves modifying the Apache Run Rd and US 52 intersection to remove its skew. A new connection will be constructed north of the existing intersection that provides access from Apache Run Rd to US 52. The remaining section of Apache Run Rd will terminate into a cul-de-sac (without access to US 52) and access to the adjacent properties will be maintained. As part of this project, the right-turn lane for the shopping center to the south of Apache Run Rd will be extended.

1.0 SMART SCALE SCORE			
	#302 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$1,912,372
		Total Project Cost	$1,912,372
	#23 OF 34 DISTRICTWIDE	**Project Benefit**	0.2
		Project Benefit / Total Cost	1.0

Submitting Entity: Wythe County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	0.0 persons	0.0 person hrs.	0.6 EPDO	677.3 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	0.0 adj sq. ft.	0.0 daily tons	22,998.2 adj. buffer time index	0.0 adjusted points	0.2 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	0.1	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.0		0.6		0.0			0.0			0.0			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		0.2		0.0			0.0			0.0	0.0		
Project Benefit	0.2													
SMART SCALE Cost	$1,912,372													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.0**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

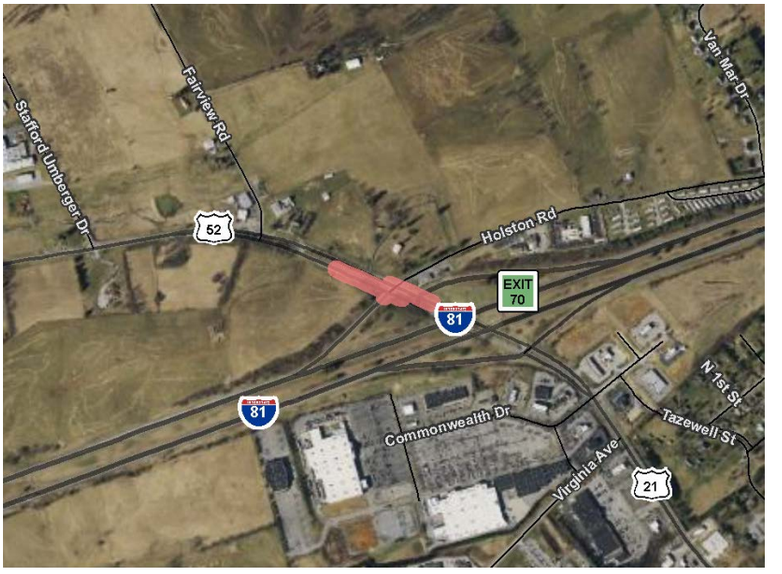
4th Street at Holston Road Turn Lane Improvements

Project Id: 6886

Proposed work involves constructing a new eastbound left-turn lane at the 4th St & Holston Rd intersection. The turn lane will have storage and taper lengths of 200 ft. Proposed turn lane will be constructed into the existing median and offset from the westbound left-turn lane to increase sight-distance. The existing westbound left-turn lane will also be shifted and offset into the median. Existing Pavement markings in the median opening will be removed. An existing hydrant will be relocated.

11.9 SMART SCALE SCORE	**#39** OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$2,531,180
		Total Project Cost	$2,531,180
	#1 OF 34 DISTRICTWIDE	**Project Benefit**	3.0
		Project Benefit / Total Cost	11.9

Submitting Entity: Wytheville Town
Preliminary Engineering: Not Started
Right of Way: Not Needed
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	0.0 persons	0.0 person hrs.	12.7 EPDO	10,009.3 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	212,928.3 adj sq. ft.	0.0 daily tons	207,824.1 adj. buffer time index	0.0 adjusted points	1.5 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	2.0	28.1	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.1		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.0		9.8		0.0			0.2			0.0			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		3.0		0.0			0.1			0.0	0.0		
Project Benefit	3.0													
SMART SCALE Cost	$2,531,180													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**11.9**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

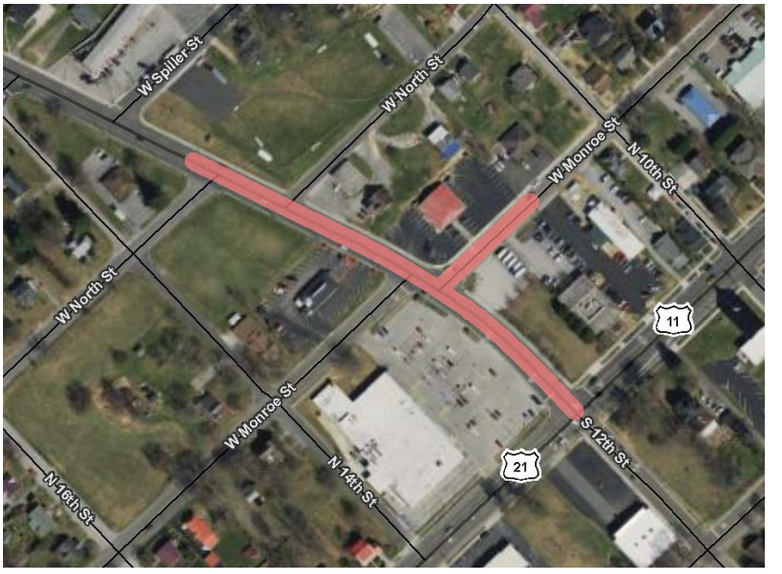
W Monroe St at US 11 Realignment

Project Id: 6888

Project realigns north leg of Monroe St approach to US 11 intersection. ROW acquisition & utility relocation are required. Driveway stubs will provide access to adjacent parcels. Left-turn lanes will be delineated on US 11 with westbound lane reduction. The eastbound left-turn lane will have 200' of storage & 150' of taper. The westbound left-turn lane is a drop lane extending 300' to Lee Hwy. ADA compliant sidewalks will be installed. Driveway elimination manages access & improves safety.

3.0 SMART SCALE SCORE			
	#184 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$4,211,758
		Total Project Cost	$4,211,758
	#10 OF 34 DISTRICTWIDE	**Project Benefit**	1.3
		Project Benefit / Total Cost	3.0

Submitting Entity: Wytheville Town
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	0.0 persons	0.0 person hrs.	6.9 EPDO	3,708.4 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	283,758.2 adj sq. ft.	0.0 daily tons	150,383.8 adj. buffer time index	0.0 adjusted points	3.3 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	1.1	10.4	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.3		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.0		3.9		0.0			0.3			0.0			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		1.2		0.0			0.1			0.0	0.0		
Project Benefit	1.3													
SMART SCALE Cost	$4,211,758													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**3.0**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

CULPEPER DISTRICT

FY 2022

SCORECARDS

Commonwealth Transportation Board
Office of Intermodal Planning and Investment
Virginia Department of Transportation
Virginia Department of Rail and Public Transportation

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SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

Display Id	Project Name	Organization	District Rank	State Rank	Page #
7088	Hydraulic Road and 29	Charlottesville-Albemarle Metropolitan Planning Organization	1	10	02-10
6895	Route 250 East Corridor Improvements	Albemarle County	2	11	02-02
6906	Old Lynchburg Rd/5th St Extended Intersection Improvements	Albemarle County	3	13	02-03
7017	Ridge Street Safety Improvement	Charlottesville City	4	21	02-08
7002	Exit 107 Park and Ride Lot	Thomas Jefferson Planning District Commission	5	28	02-31
7060	Rio Road E & John Warner Parkway Roundabout	Albemarle County	6	29	02-04
6894	Rt 20/Rt 53 Intersection Improvements	Albemarle County	7	34	02-01
6674	W Main Streetscape Ph 3 - 8th St NW to Roosevelt Brown Ave	Charlottesville City	8	35	02-06
6673	Preston Ave. & Grady Ave Intersection Improvements	Charlottesville City	9	40	02-05
7004	Route 29 Shared Use Path from Carrsbrook to Seminole Lane.	Thomas Jefferson Planning District Commission	10	52	02-32
6978	I66 WB, Exit 28 Ramps & Route 17 Intersection, Roundabout	Rappahannock - Rapidan Regional Commission	11	60	02-28
7072	Fifth Street Hub and Trails	Thomas Jefferson Planning District Commission	12	61	02-33
6671	Roundabout at Route 55 and Route 709	Fauquier County	13	62	02-13
6892	US 29 and Fontaine Avenue Interchange Improvements	Charlottesville-Albemarle Metropolitan Planning Organization	14	73	02-09
7019	Troy Road (631) and Route 250 Roundabout	Fluvanna County	15	77	02-18
7186	Route 231 / High Street (Gordonsville) Roundabout	Orange County	16	79	02-25
6942	I66 EB, Exit 28 Ramps & Route 17 Intersection, RCUT Redesign	Rappahannock - Rapidan Regional Commission	17	86	02-27
6984	Route 29 and Lees Mill Road Intersection R-CUT	Rappahannock - Rapidan Regional Commission	18	116	02-29
6921	Route 17 and Covington's Corner Road R-CUT	Fauquier County	19	131	02-15
6780	Emmet Street Multimodal Phase 2	Charlottesville City	20	132	02-07
7091	Hillsdale South Extension	Charlottesville-Albemarle Metropolitan Planning Organization	21	156	02-11
7183	Route 522 / Route 20 Roundabout	Orange County	22	169	02-24
7101	Route 29/Broad Run Church Road Intersection Improvements	Fauquier County	23	191	02-16
7170	Broadview/W Lee/US17BusN/Winchester Intersection Improvement	Warrenton Town	24	192	02-36
7149	Route 230 & Route 687 Intersection Improvements	Madison County	25	203	02-23
7021	South Boston Road (600) at Lake Monticello Road (618)	Fluvanna County	26	204	02-19

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

Display Id	Project Name	Organization	District Rank	State Rank	Page #
6908	Route 29/Vint Hill Road Intersection Improvements	Fauquier County	27	207	02-14
7133	Orange Rd / Fredericksburg Rd Intersection	Culpeper Town	28	208	02-12
7193	Route 208 & Route 250 - Intersection Improvement	Louisa County	29	214	02-22
7192	Route 250 and Route 15 - Intersection Improvement	Louisa County	30	218	02-21
6961	Turkeysag Trail (Route 1015) & Route 53 Roundabout	Fluvanna County	31	238	02-17
7150	Business US17/Roebling St Intersection Improvement	Warrenton Town	32	259	02-34
6998	US29/ Frays Mill/ Burnley Station Intersection Improvements	Thomas Jefferson Planning District Commission	33	297	02-30
7194	Route 3 / Route 20 Intersection Improvements	Orange County	34	298	02-26
7168	Bear Wallow/Roebling/Broadview Intersection Improvement	Warrenton Town	35	344	02-35
7110	US 29/616 (Carpenters Mill Rd)/ Commerce Dr Improvements	Greene County	36	354	02-20

SMART SCALE Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

Rt 20/Rt 53 Intersection Improvements

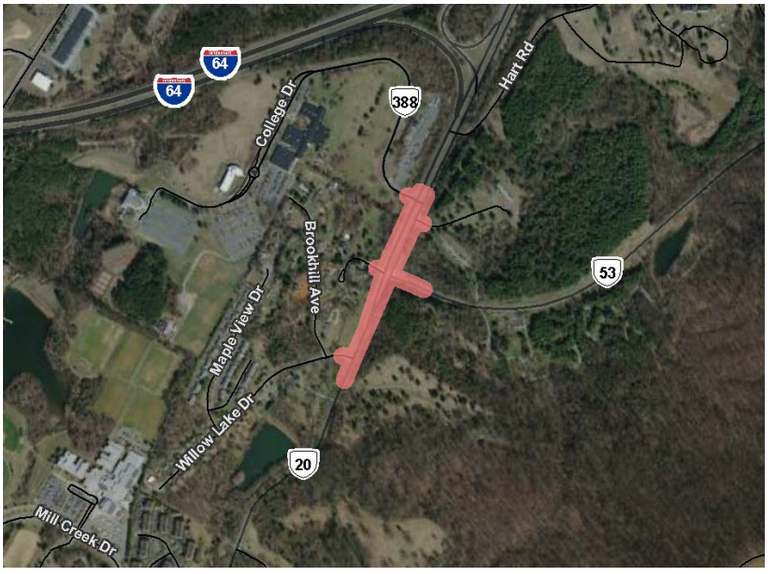
Project Id: 6894

Convert the Route 20 South (Scottsville Road)/Route 53 (Thomas Jefferson Parkway) Intersection to a roundabout to improve safety and operations. Includes a Shared Use Path, 2 SB through lanes and crosswalks at the intersection.

12.4 SMART SCALE SCORE			
	#34	OF 397 STATEWIDE	
	#7	OF 36 DISTRICTWIDE	

SMART SCALE Requested Funds	$8,536,258
Total Project Cost	$9,536,258
Project Benefit	10.6
Project Benefit / Total Cost	11.1

Submitting Entity: Albemarle County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: No
VTRANS Need: Regional Network



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	28.9 persons	4.2 person hrs.	21.0 EPDO	2,033.5 EPDO / 100M VMT	10.0 jobs per resident	8.9 jobs per resident	86.8 adjusted users	467,532.0 adj sq. ft.	0.0 daily tons	3,593,719.4 adj. buffer time index	115.7 adjusted points	12.7 impacted acres	58.6 access * pop/emp density.h	60.2 access * pop/emp density change.
Normalized Measure Value (0-100)	1.6	0.7	3.4	5.7	0.6	0.5	3.6	0.8	0.0	0.0	2.6	1.0	88.7	91.3
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	1.1		4.1		1.2			0.5			2.6		90.0	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%	5 (max point reduction)	10%	
Weighted Factor Value	0.2		0.8		0.3			0.1			0.3	0.0	9.0	
Project Benefit	10.6													
SMART SCALE Cost	$8,536,258													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**12.4**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

Route 250 East Corridor Improvements

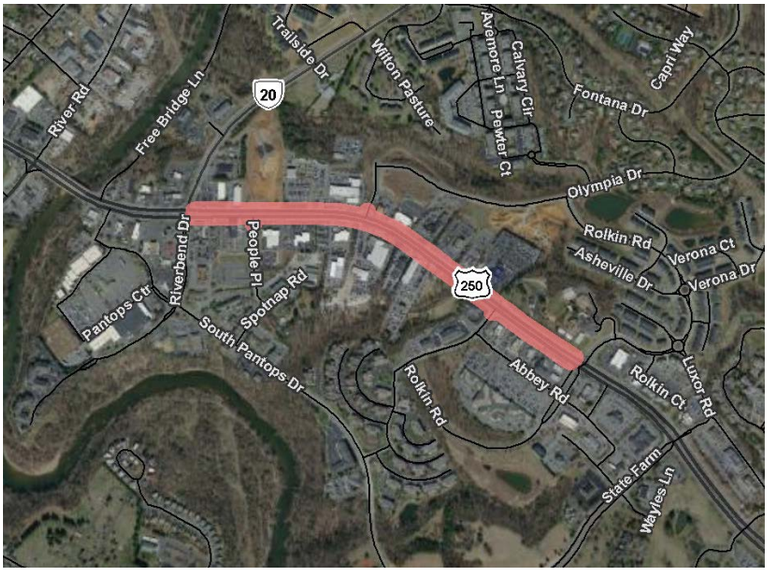
Project Id: 6895

Corridor Improvements on US 250 in Albemarle County from Route 20 (Stony Point Rd) to Rolkin Road including access management, turn lane improvements, and pedestrian enhancements

26.1 SMART SCALE SCORE			
	#11	OF 397 STATEWIDE	
	#2	OF 36 DISTRICTWIDE	

SMART SCALE Requested Funds	$3,939,563
Total Project Cost	$5,939,563
Project Benefit	10.3
Project Benefit / Total Cost	17.3

Submitting Entity: Albemarle County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	32.8 persons	0.0 person hrs.	37.9 EPDO	507.0 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	49.1 adjusted users	1,237,462.7 adj sq. ft.	0.0 daily tons	33,732,216.7 adj. buffer time index	0.0 adjusted points	2.6 impacted acres	57.1 access * pop/emp density.h	60.0 access * pop/emp density change.
Normalized Measure Value (0-100)	1.8	0.0	6.1	1.4	0.0	0.0	2.0	2.0	0.0	0.3	0.0	0.2	86.4	91.0
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	0.9		4.7		0.4			1.3			0.0		88.7	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%	5 (max point reduction)	10%	
Weighted Factor Value	0.1		0.9		0.1			0.3			0.0	0.0	8.9	
Project Benefit	10.3													
SMART SCALE Cost	$3,939,563													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**26.1**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

Old Lynchburg Rd/5th St Extended Intersection Improvements

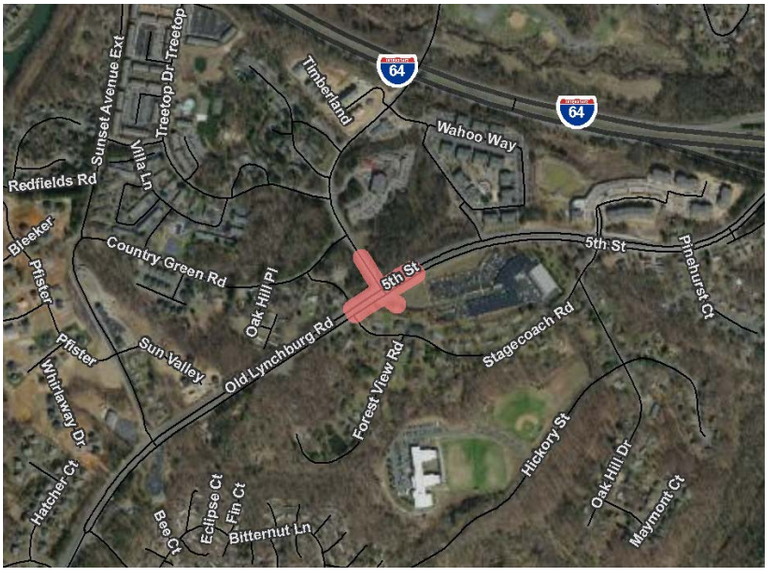
Project Id: 6906

Intersection improvements at Old Lynchburg Rd (Route 780) and 5th ST Extended (Route 631) to improve safety and operations. Preferred alternative intersections (Roundabout) are under consideration as part of 5th Street Corridor Study to be complete in the Spring of 2020?.

21.1 SMART SCALE SCORE			
	#13	OF 397 STATEWIDE	
	#3	OF 36 DISTRICTWIDE	

SMART SCALE Requested Funds	$5,263,075
Total Project Cost	$7,263,075
Project Benefit	11.1
Project Benefit / Total Cost	15.3

Submitting Entity: Albemarle County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: No
VTRANS Need: Regional Network



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	27.0 persons	1.9 person hrs.	35.2 EPDO	5,191.8 EPDO / 100M VMT	2.1 jobs per resident	3.3 jobs per resident	135.2 adjusted users	647,969.9 adj sq. ft.	0.0 daily tons	0.0 adj. buffer time index	135.2 adjusted points	0.1 impacted acres	54.2 access * pop/emp density.h	59.2 access * pop/emp density change.
Normalized Measure Value (0-100)	1.5	0.3	5.6	14.6	0.1	0.2	5.6	1.0	0.0	0.0	3.0	0.0	82.0	89.8
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	0.9		8.3		1.2			0.6			3.0		85.9	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%	5 (max point reduction)	10%	
Weighted Factor Value	0.1		1.7		0.3			0.1			0.3	0.0	8.6	
Project Benefit	11.1													
SMART SCALE Cost	$5,263,075													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**21.1**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

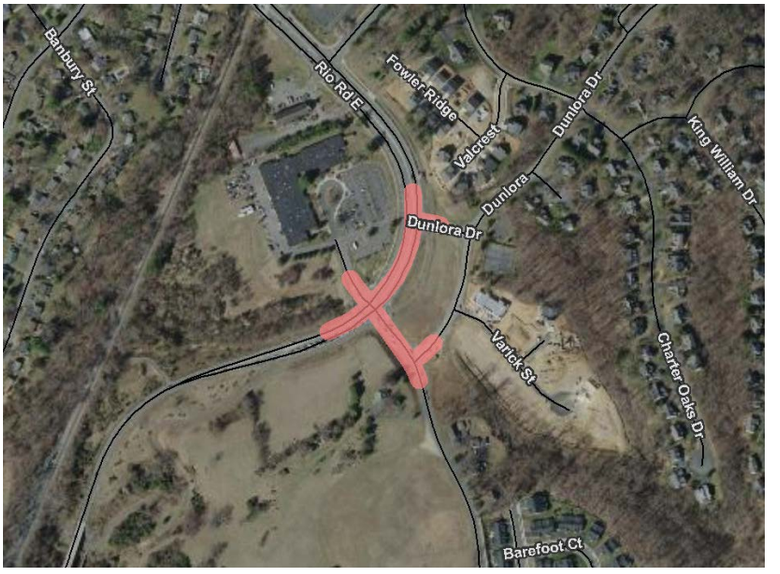
Rio Road E & John Warner Parkway Roundabout

Project Id: 7060

The roundabout design concept assumes a 140-foot inscribe circle diameter, hybrid multi-lane roundabout (for the northbound/southbound circulating lanes) for the John Warner Parkway & Rio Road E intersection. Also included are Shared Use Path along east side Sidewalk into CATAC, bicycle lane north and south with ramps, ADA ramps and crosswalks and relocate/upgraded bus stop to include shelter.

13.1 SMART SCALE SCORE	#29 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$8,126,306
		Total Project Cost	$10,126,306
	#6 OF 36 DISTRICTWIDE	**Project Benefit**	10.7
		Project Benefit / Total Cost	10.5

Submitting Entity: Albemarle County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: No
VTRANS Need: Regional Network



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	45.4 persons	26.2 person hrs.	19.2 EPDO	1,232.3 EPDO / 100M VMT	12.1 jobs per resident	13.1 jobs per resident	227.0 adjusted users	138,555.8 adj sq. ft.	0.0 daily tons	0.0 adj. buffer time index	227.0 adjusted points	0.7 impacted acres	54.4 access * pop/emp density.h	56.3 access * pop/emp density change.
Normalized Measure Value (0-100)	2.4	4.3	3.1	3.5	0.7	0.7	9.3	0.2	0.0	0.0	5.1	0.1	82.3	85.4
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	3.4		3.2		2.4			0.1			5.1		83.9	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%	5 (max point reduction)	10%	
Weighted Factor Value	0.5		0.6		0.6			0.0			0.5	0.0	8.4	
Project Benefit	10.7													
SMART SCALE Cost	$8,126,306													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**13.1**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

Preston Ave. & Grady Ave Intersection Improvements

Project Id: 6673

Combine intersection of Grady Ave. at 10th St NW and Grady Ave. at Preston Ave. to one intersection by realigning Preston Ave. (east) to align to Grady Ave. and Preston Ave. (west) would become the northern leg of the intersection. The project includes: Combining intersections, Roadway Realignment, Entrance Consolidation, New and Upgraded Bicycle and Pedestrian Facilities, Signal Upgrades/Replacements, and Sheltered Bus stops.

11.7 SMART SCALE SCORE	#40 OF 397 STATEWIDE
	#9 OF 36 DISTRICTWIDE

SMART SCALE Requested Funds	$7,743,498
Total Project Cost	$7,743,498
Project Benefit	9.0
Project Benefit / Total Cost	11.7

Submitting Entity: Charlottesville City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: Yes
VTRANS Need: Regional Network

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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	24.2 persons	0.0 person hrs.	3.9 EPDO	9.0 EPDO / 100M VMT	1.7 jobs per resident	3.1 jobs per resident	121.0 adjusted users	2,391,576.9 adj sq. ft.	0.0 daily tons	0.0 adj. buffer time index	0.0 adjusted points	14.9 impacted acres	51.7 access * pop/emp density.h	56.2 access * pop/emp density change.
Normalized Measure Value (0-100)	1.3	0.0	0.6	0.0	0.1	0.2	5.0	3.8	0.0	0.0	0.0	1.2	78.2	85.2
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	0.6		0.4		1.1			2.3			0.0		81.7	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%	5 (max point reduction)	10%	
Weighted Factor Value	0.1		0.1		0.3			0.5			0.0	-0.1	8.2	
Project Benefit	9.0													
SMART SCALE Cost	$7,743,498													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**11.7**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

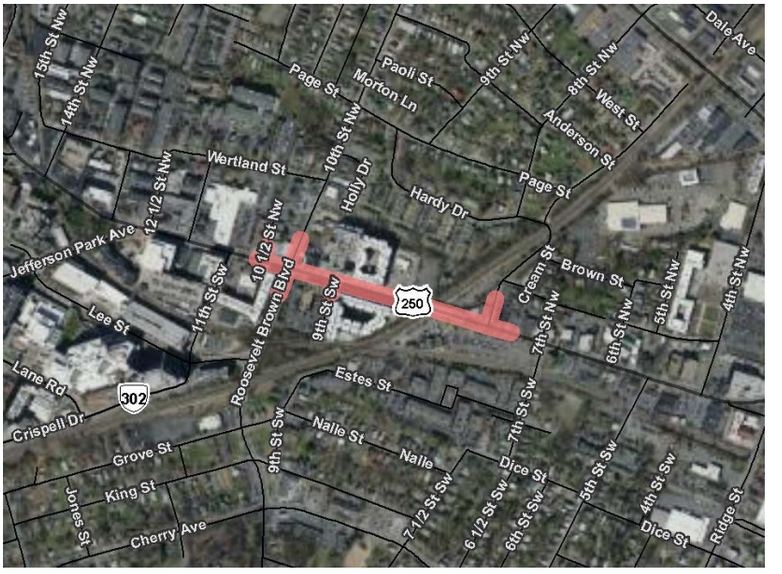
W Main Streetscape Ph 3 - 8th St NW to Roosevelt Brown Ave

Project Id: 6674

This streetscape project is part of a master planned multi-modal corridor called Midtown anchored between UVA's Corner/grounds and hospital facilities and the established Downtown Pedestrian Mall Business District and Strategic Investment Area(SIA). To address increased travel demand/capacity, on-street parking will be reallocated to bicyclist/ pedestrian facilities, bus shelters added, crossings improved, ADA standards met, while improving aesthetics and safety within this historic district.

12.4 SMART SCALE SCORE	**#35** OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$10,874,697
		Total Project Cost	$10,874,697
	#8 OF 36 DISTRICTWIDE	**Project Benefit**	13.4
		Project Benefit / Total Cost	12.4

Submitting Entity: Charlottesville City
Preliminary Engineering: Underway
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	177.3 persons	0.0 person hrs.	8.5 EPDO	7.9 EPDO / 100M VMT	16.3 jobs per resident	26.8 jobs per resident	886.7 adjusted users	1,441,176.4 adj sq. ft.	0.0 daily tons	456,658,870.7 adj. buffer time index	886.7 adjusted points	14.7 impacted acres	51.7 access * pop/emp density.h	55.4 access * pop/emp density change.
Normalized Measure Value (0-100)	9.5	0.0	1.4	0.0	0.9	1.4	36.4	2.3	0.0	4.2	19.9	1.1	78.2	84.1
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	4.8		1.0		8.1			2.2			19.9		81.1	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%	5 (max point reduction)	10%	
Weighted Factor Value	0.7		0.2		2.0			0.4			2.0	-0.1	8.1	
Project Benefit	13.4													
SMART SCALE Cost	$10,874,697													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**12.4**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

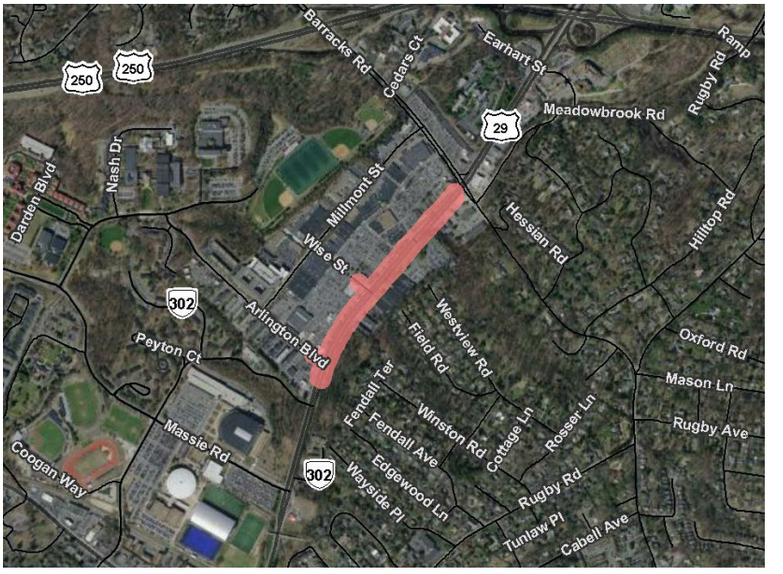
Emmet Street Multimodal Phase 2

Project Id: 6780

The proposed project provides bicycle and pedestrian accommodations along Emmet Street between Arlington Boulevard and Barracks Road to include a shared use path on the east side of Emmet St. (8-10') and on-road bicycle facilities (5-7') along both sides of the road. The sidewalk on the west side will be upgraded as needed to meet ADA standards. Pedestrian scale lighting, plantings, street furniture and Signal Mod. are also included.

4.6 SMART SCALE SCORE	**#132** OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$20,465,490
		Total Project Cost	$20,465,490
	#20 OF 36 DISTRICTWIDE	**Project Benefit**	9.3
		Project Benefit / Total Cost	4.6

Submitting Entity: Charlottesville City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: No
VTRANS Need: Regional Network



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	28.9 persons	0.0 person hrs.	15.1 EPDO	1,079.7 EPDO / 100M VMT	10.2 jobs per resident	12.7 jobs per resident	86.7 adjusted users	917,671.2 adj sq. ft.	0.0 daily tons	2,346,289.7 adj. buffer time index	0.0 adjusted points	15.7 impacted acres	52.4 access * pop/emp density.h	57.1 access * pop/emp density change.
Normalized Measure Value (0-100)	1.6	0.0	2.4	3.0	0.6	0.6	3.6	1.5	0.0	0.0	0.0	1.2	79.3	86.6
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	0.8		2.6		1.2			0.9			0.0		83.0	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%	5 (max point reduction)	10%	
Weighted Factor Value	0.1		0.5		0.3			0.2			0.0	-0.1	8.3	
Project Benefit	9.3													
SMART SCALE Cost	$20,465,490													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**4.6**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

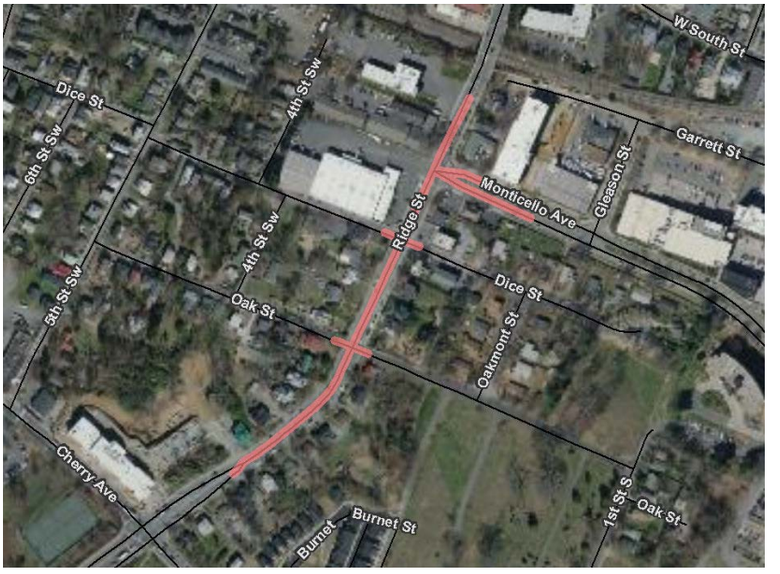
Ridge Street Safety Improvement Project Id: 7017

The project will provide multi-modal improvements along the Ridge Street Corridor to include: Sidewalk and Curb Ramp upgrades; signal improvements at Monticello; Curb extensions on Ridge St. at Dice St. and Oak St.; reconfiguration of the typical section to include directional bicycle lanes; travel lane width reductions; parking on east side of Ridge St.; and Access Management.

17.3 SMART SCALE SCORE			
	#21	OF 397 STATEWIDE	
	#4	OF 36 DISTRICTWIDE	

SMART SCALE Requested Funds	$8,738,020
Total Project Cost	$8,738,020
Project Benefit	15.1
Project Benefit / Total Cost	17.3

Submitting Entity: Charlottesville City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: No
VTRANS Need: Regional Network



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	220.1 persons	90.2 person hrs.	26.0 EPDO	1,330.2 EPDO / 100M VMT	44.1 jobs per resident	51.4 jobs per resident	660.4 adjusted users	1,407,712.6 adj sq. ft.	2,906.1 daily tons	9,750,108.2 adj. buffer time index	880.5 adjusted points	12.5 impacted acres	52.7 access * pop/emp density.h	56.2 access * pop/emp density change.
Normalized Measure Value (0-100)	11.8	14.8	4.2	3.7	2.6	2.6	27.1	2.3	0.2	0.1	19.8	1.0	79.6	85.3
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	13.3		4.0		7.5			1.4			19.8		82.4	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%	5 (max point reduction)	10%	
Weighted Factor Value	2.0		0.8		1.9			0.3			2.0	0.0	8.2	
Project Benefit	15.1													
SMART SCALE Cost	$8,738,020													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**17.3**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

US 29 and Fontaine Avenue Interchange Improvements

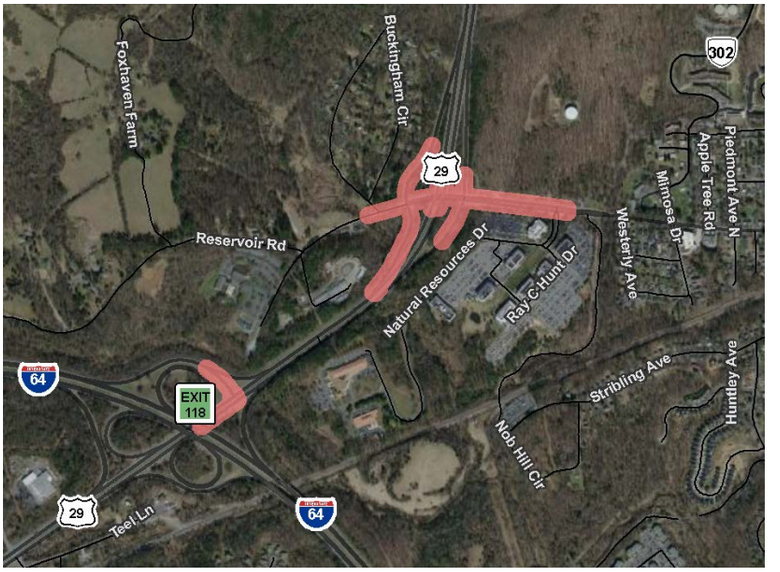
Project Id: 6892

The project will provide alternative intersection/interchange improvement to the Diamond Interchange. Includes: a signalized partial WB Crossover intersection at the NB Ramp Terminal Intersection with Relocated Left turning movements; a the closure of the NB 29 to WB I64 Crossover and reroute of the movement through the Fontaine/29 Interchange; and extension of the Shared Use Path through the Interchange.

8.8 SMART SCALE SCORE			
	#73	OF 397 STATEWIDE	
	#14	OF 36 DISTRICTWIDE	

SMART SCALE Requested Funds	$12,374,620
Total Project Cost	$12,374,620
Project Benefit	10.9
Project Benefit / Total Cost	8.8

Submitting Entity: Charlottesville-Albemarle Metropolitan Planning Organization
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: HPP
Evacuation Route: Yes
VTRANS Need: Regional Network



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	0.0 persons	68.8 person hrs.	32.8 EPDO	2,633.4 EPDO / 100M VMT	1.7 jobs per resident	0.8 jobs per resident	0.0 adjusted users	1,095,589.6 adj sq. ft.	0.0 daily tons	4,924,205.5 adj. buffer time index	0.0 adjusted points	3.8 impacted acres	54.8 access * pop/emp density.h	59.0 access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	11.3	5.3	7.4	0.1	0.0	0.0	1.8	0.0	0.0	0.0	0.3	82.8	89.4
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	5.6		5.9		0.1			1.1			0.0		86.1	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%	5 (max point reduction)	10%	
Weighted Factor Value	0.8		1.2		0.0			0.2			0.0	0.0	8.6	
Project Benefit	10.9													
SMART SCALE Cost	$12,374,620													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**8.8**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

Hydraulic Road and 29

Project Id: 7088

Project includes multiple elements to improve safety and mobility at the US 29 and Hydraulic Road intersection and nearby intersections and interchanges to include: a Pedestrian over pass with bus stops and shelters at Zan Rd.; left turn elimination from Hydraulic to 29; Pedestrian crossing at Hydraulic/29; a multi-lane Roundabout at Hillsdale / Hydraulic; a Green-T at Angus Rd/29 left turn; turn restriction at Hydraulic/Michie and Hydraulic/Brandywine.

28.8 SMART SCALE SCORE		
	#10	OF 397 STATEWIDE
	#1	OF 36 DISTRICTWIDE

SMART SCALE Requested Funds	$5,730,488
Total Project Cost	$24,030,488
Project Benefit	16.5
Project Benefit / Total Cost	6.9

Submitting Entity: Charlottesville-Albemarle Metropolitan Planning Organization
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: HPP
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance

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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	125.9 persons	57.4 person hrs.	147.5 EPDO	1,491.1 EPDO / 100M VMT	53.7 jobs per resident	65.1 jobs per resident	629.4 adjusted users	420,624.9 adj sq. ft.	24,364.1 daily tons	75,837,229.0 adj. buffer time index	629.4 adjusted points	14.2 impacted acres	52.3 access * pop/emp density.h	56.8 access * pop/emp density change.
Normalized Measure Value (0-100)	6.8	9.4	23.7	4.2	3.1	3.3	25.9	0.7	1.9	0.7	14.2	1.1	79.0	86.2
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	8.1		17.8		7.7			0.9			14.2		82.6	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%	5 (max point reduction)	10%	
Weighted Factor Value	1.2		3.6		1.9			0.2			1.4	-0.1	8.3	
Project Benefit	16.5													
SMART SCALE Cost	$5,730,488													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**28.8**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

Hillsdale South Extension

Project Id: 7091

Extension of Hillsdale Drive south to connect directly to 250. Includes an intersection with Holiday Dr., relocation of the WB on/off ramps on 250, a connection into Kroger's, Sidewalk and a Shared Use path on Hillsdale, reconfiguration of the NB lanes on 29 at Holiday Dr. for an acceleration lane from Holiday Dr.

3.8 SMART SCALE SCORE	#156 OF 397 STATEWIDE	SMART SCALE Requested Funds	$34,314,082
		Total Project Cost	$34,314,082
	#21 OF 36 DISTRICTWIDE	Project Benefit	13.0
		Project Benefit / Total Cost	3.8

Submitting Entity: Charlottesville-Albemarle Metropolitan Planning Organization
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: HPP
Evacuation Route: Yes
VTRANS Need: Regional Network

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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	656.7 persons	126.0 person hrs.	0.0 EPDO	0.0 EPDO / 100M VMT	17.5 jobs per resident	17.7 jobs per resident	46.3 adjusted users	343,581.1 adj sq. ft.	4,240.6 daily tons	12,515,113.9 adj. buffer time index	61.7 adjusted points	8.1 impacted acres	52.3 access * pop/emp density.h	57.0 access * pop/emp density change.
Normalized Measure Value (0-100)	35.3	20.7	0.0	0.0	1.0	0.9	1.9	0.6	0.3	0.1	1.4	0.6	79.1	86.5
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	28.0		0.0		1.2			0.4			1.4		82.8	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%	5 (max point reduction)	10%	
Weighted Factor Value	4.2		0.0		0.3			0.1			0.1	0.0	8.3	
Project Benefit	13.0													
SMART SCALE Cost	$34,314,082													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**3.8**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

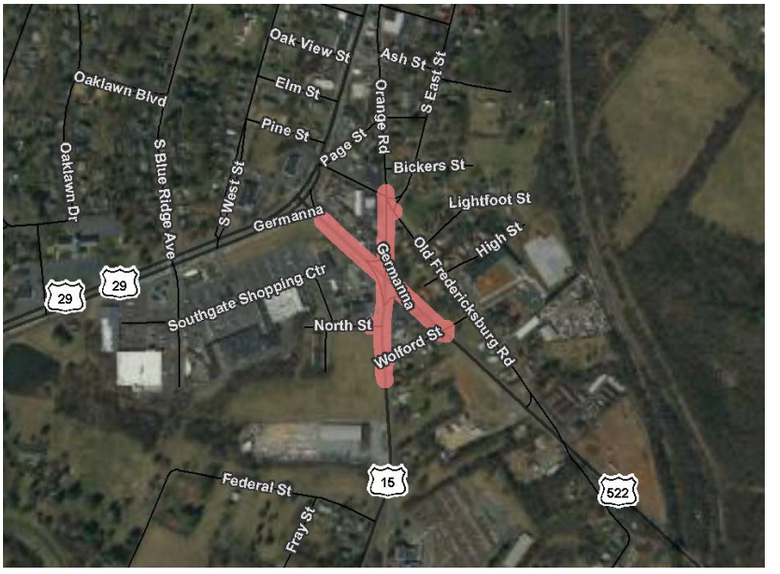
Orange Rd / Fredericksburg Rd Intersection

Project Id: 7133

Project converts Orange Rd/Fredericksburg Rd signalized intersection to a single-lane roundabout. Pedestrian crosswalks and sidewalks on each roadway approaching the intersection are added. Business access in NW, SE and SW quadrants modified to RIRO. Orange Rd and Cherry St intersection gains refuge island, crosswalks and curb ramps. Application improves pedestrian access and safety while maintaining vehicle traffic flow through project area; currently no pedestrian crosswalks exist in vicinity.

2.5 SMART SCALE SCORE			
	#208 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$11,415,845
		Total Project Cost	$11,415,845
	#28 OF 36 DISTRICTWIDE	**Project Benefit**	2.8
		Project Benefit / Total Cost	2.5

Submitting Entity: Culpeper Town
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: DGP
Evacuation Route: No
VTRANS Need: Urban Development Area



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	12.4 persons	10.8 person hrs.	27.1 EPDO	4,239.2 EPDO / 100M VMT	21.3 jobs per resident	19.4 jobs per resident	18.5 adjusted users	1,516,706.1 adj sq. ft.	1,322.2 daily tons	2,130,849.9 adj. buffer time index	24.7 adjusted points	1.6 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.7	1.8	4.3	11.9	1.2	1.0	0.8	2.4	0.1	0.0	0.6	0.1		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	1.2		6.6		1.1			1.5			0.6			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.1		2.0		0.2			0.5			0.1	0.0		
Project Benefit	2.8													
SMART SCALE Cost	$11,415,845													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**2.5**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

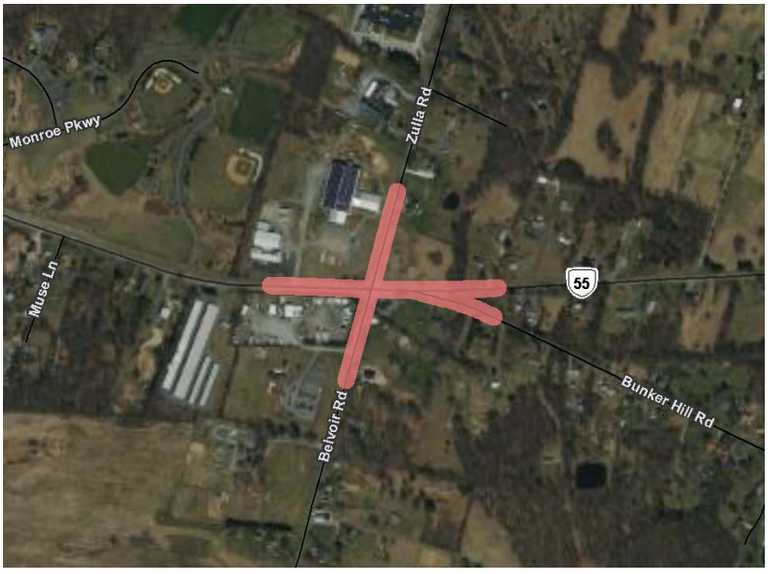
Roundabout at Route 55 and Route 709

Project Id: 6671

The project will convert the intersection to a ±130' diameter roundabout at Route 55 and Route 709 for safety and operational improvements. The project includes construction of sidewalks along all intersection quadrants and the addition of crosswalks along all four legs of the intersection. The project provides designated entrances to the El Agave Restaurant in the SE quadrant of the intersection along Route 55 & Route 709 to what is currently uncontrolled access.

9.5 SMART SCALE SCORE	**#62** OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$10,335,189
		Total Project Cost	$10,335,189
	#13 OF 36 DISTRICTWIDE	**Project Benefit**	9.8
		Project Benefit / Total Cost	9.5

Submitting Entity: Fauquier County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	5.4 persons	1.7 person hrs.	21.1 EPDO	35,657.7 EPDO / 100M VMT	0.8 jobs per resident	0.8 jobs per resident	8.1 adjusted users	82,614.0 adj sq. ft.	0.0 daily tons	0.0 adj. buffer time index	10.9 adjusted points	5.0 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.3	0.3	3.4	100.0	0.0	0.0	0.3	0.1	0.0	0.0	0.2	0.4		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.3		32.4		0.1			0.1			0.2			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		9.7		0.0			0.0			0.0	0.0		
Project Benefit	9.8													
SMART SCALE Cost	$10,335,189													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**9.5**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

Route 29/Vint Hill Road Intersection Improvements

Project Id: 6908

The project will modify the existing intersection configuration by adding a right turn lane to the WB Route 215 approach and includes associated traffic signal modifications

2.5 SMART SCALE SCORE	**#207** OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$1,273,999
		Total Project Cost	$1,273,999
	#27 OF 36 DISTRICTWIDE	**Project Benefit**	0.3
		Project Benefit / Total Cost	2.5

Submitting Entity: Fauquier County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance

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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	0.0 persons	0.0 person hrs.	8.8 EPDO	296.3 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	31,077.8 adj sq. ft.	0.0 daily tons	8,496,818.1 adj. buffer time index	0.0 adjusted points	15.9 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	1.4	0.8	0.0	0.0	0.0	0.0	0.0	0.1	0.0	1.2		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.0		1.2		0.0			0.0			0.0			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		0.4		0.0			0.0			0.0	-0.1		
Project Benefit	0.3													
SMART SCALE Cost	$1,273,999													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**2.5**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

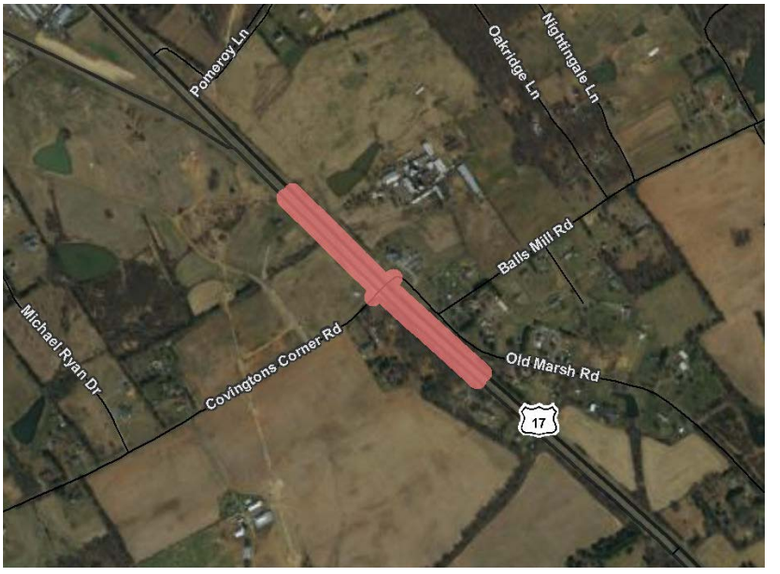
Route 17 and Covington's Corner Road R-CUT

Project Id: 6921

The project converts the Route 17 and Covingtons Corner Road/Balls Mill Road intersection to an R-CUT.

4.6 SMART SCALE SCORE	#131 OF 397 STATEWIDE	SMART SCALE Requested Funds	$7,815,164
		Total Project Cost	$7,815,164
	#19 OF 36 DISTRICTWIDE	Project Benefit	3.6
		Project Benefit / Total Cost	4.6

Submitting Entity: Fauquier County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	0.0 persons	0.2 person hrs.	44.0 EPDO	2,476.1 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	100,446.7 adj sq. ft.	0.0 daily tons	5,655,918.5 adj. buffer time index	663.0 adjusted points	7.1 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	7.1	6.9	0.0	0.0	0.0	0.2	0.0	0.1	14.9	0.6		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.0		7.0		0.0			0.1			14.9			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		2.1		0.0			0.0			1.5	0.0		
Project Benefit	3.6													
SMART SCALE Cost	$7,815,164													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**4.6**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

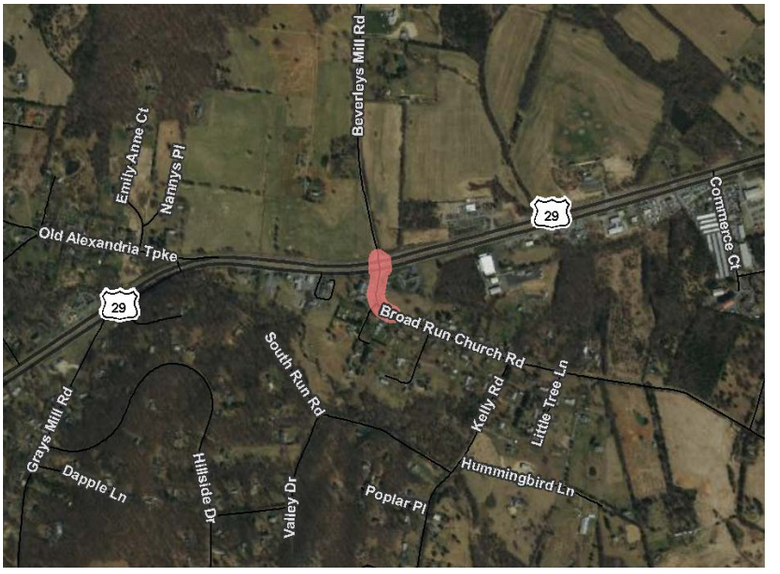
Route 29/Broad Run Church Road Intersection Improvements

Project Id: 7101

The project will add an additional left turn lane at the Route 600 NB approach and includes associated traffic signal modifications.

2.8 SMART SCALE SCORE	**#191** OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$3,243,229
		Total Project Cost	$3,243,229
	#23 OF 36 DISTRICTWIDE	**Project Benefit**	0.9
		Project Benefit / Total Cost	2.8

Submitting Entity: Fauquier County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	0.0 persons	0.4 person hrs.	8.5 EPDO	234.0 EPDO / 100M VMT	0.1 jobs per resident	0.1 jobs per resident	0.0 adjusted users	8,972.1 adj sq. ft.	111,543.7 daily tons	22,799,630.2 adj. buffer time index	0.0 adjusted points	16.2 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.1	1.4	0.7	0.0	0.0	0.0	0.0	8.8	0.2	0.0	1.3		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.0		1.1		0.0			1.8			0.0			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		0.3		0.0			0.6			0.0	-0.1		
Project Benefit	0.9													
SMART SCALE Cost	$3,243,229													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**2.8**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

Turkeysag Trail (Route 1015) & Route 53 Roundabout Project Id: 6961

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.

2.0 SMART SCALE SCORE			
	#238 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$9,864,226
		Total Project Cost	$9,864,226
	#31 OF 36 DISTRICTWIDE	**Project Benefit**	2.0
		Project Benefit / Total Cost	2.0

Submitting Entity: Fluvanna County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: DGP
Evacuation Route: No
VTRANS Need: Urban Development Area

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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	18.7 persons	10.9 person hrs.	13.6 EPDO	5,361.4 EPDO / 100M VMT	0.5 jobs per resident	0.4 jobs per resident	56.0 adjusted users	0.0 adj sq. ft.	0.0 daily tons	0.0 adj. buffer time index	74.7 adjusted points	0.2 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	1.0	1.8	2.2	15.0	0.0	0.0	2.3	0.0	0.0	0.0	1.7	0.0		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	1.4		6.0		0.5			0.0			1.7			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.2		1.5		0.1			0.0			0.2	0.0		
Project Benefit	2.0													
SMART SCALE Cost	$9,864,226													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**2.0**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

Troy Road (631) and Route 250 Roundabout — Project Id: 7019

Constructs a roundabout at the existing four-leg intersection of Route 250 and 631 (Troy Road). Includes culvert improvements and shoulder widening on the approach roadways.

8.3 SMART SCALE SCORE			
	#77 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$9,232,964
		Total Project Cost	$9,232,964
	#15 OF 36 DISTRICTWIDE	**Project Benefit**	7.7
		Project Benefit / Total Cost	8.3

Submitting Entity: Fluvanna County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: DGP
Evacuation Route: Yes
VTRANS Need: Urban Development Area

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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	0.0 persons	0.2 person hrs.	40.8 EPDO	30,930.2 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	63,743.5 adj sq. ft.	0.0 daily tons	171,482.7 adj. buffer time index	0.0 adjusted points	1.1 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	6.5	86.7	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.0		30.6		0.0			0.1			0.0			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		7.7		0.0			0.0			0.0	0.0		
Project Benefit	7.7													
SMART SCALE Cost	$9,232,964													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**8.3**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

South Boston Road (600) at Lake Monticello Road (618)

Project Id: 7021

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

2.6 SMART SCALE SCORE			
	#204 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$1,409,822
		Total Project Cost	$4,539,855
	#26 OF 36 DISTRICTWIDE	**Project Benefit**	0.4
		Project Benefit / Total Cost	0.8

Submitting Entity: Fluvanna County
Preliminary Engineering: Underway
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: DGP
Evacuation Route: No
VTRANS Need: Urban Development Area

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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	0.0 persons	0.0 person hrs.	3.8 EPDO	1,373.2 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	0.0 adj sq. ft.	0.0 daily tons	0.0 adj. buffer time index	0.0 adjusted points	8.2 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	0.6	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.0		1.6		0.0			0.0			0.0			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		0.4		0.0			0.0			0.0	0.0		
Project Benefit	0.4													
SMART SCALE Cost	$1,409,822													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**2.6**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

US 29/616 (Carpenters Mill Rd)/ Commerce Dr Improvements

Project Id: 7110

Project will modify a 0.73 mi. corridor with existing median crossings into a Superstreet, as recommended in a safety and operation study completed by RK&K, to help facilitate safer movements crossing Route 29

0.4 SMART SCALE SCORE			
	#354 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$15,492,647
		Total Project Cost	$15,492,647
	#36 OF 36 DISTRICTWIDE	**Project Benefit**	0.6
		Project Benefit / Total Cost	0.4

Submitting Entity: Greene County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance

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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	0.0 persons	0.6 person hrs.	15.2 EPDO	198.4 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	515,284.0 adj sq. ft.	0.0 daily tons	18,491,945.5 adj. buffer time index	0.0 adjusted points	0.2 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.1	2.4	0.6	0.0	0.0	0.0	0.8	0.0	0.2	0.0	0.0		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.0		1.9		0.0			0.5			0.0			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		0.5		0.0			0.1			0.0	0.0		
Project Benefit	0.6													
SMART SCALE Cost	$15,492,647													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.4**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

Route 250 and Route 15 - Intersection Improvement

Project Id: 7192

The intersection of Route 250 and Route 15 in Zion Crossroads is in need of a safety improvement. This is the fastest growth area of Louisa County and Fluvanna County which has significantly increased traffic at this intersection. This project will provide innovative Intersection Improvements (i.e. Roundabout) to the intersection to address the safety and operations issues at the intersection.

2.3 SMART SCALE SCORE			
	#218 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$12,090,787
		Total Project Cost	$12,090,787
	#30 OF 36 DISTRICTWIDE	**Project Benefit**	2.8
		Project Benefit / Total Cost	2.3

Submitting Entity: Louisa County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance

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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	0.0 persons	10.5 person hrs.	31.2 EPDO	3,001.7 EPDO / 100M VMT	3.2 jobs per resident	3.5 jobs per resident	0.0 adjusted users	186,694.3 adj sq. ft.	10,511.3 daily tons	2,109,472.9 adj. buffer time index	480.0 adjusted points	0.4 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	1.7	5.0	8.4	0.2	0.2	0.0	0.3	0.8	0.0	10.8	0.0		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.9		6.0		0.1			0.3			10.8			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.1		1.5		0.0			0.1			1.1	0.0		
Project Benefit	2.8													
SMART SCALE Cost	$12,090,787													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**2.3**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

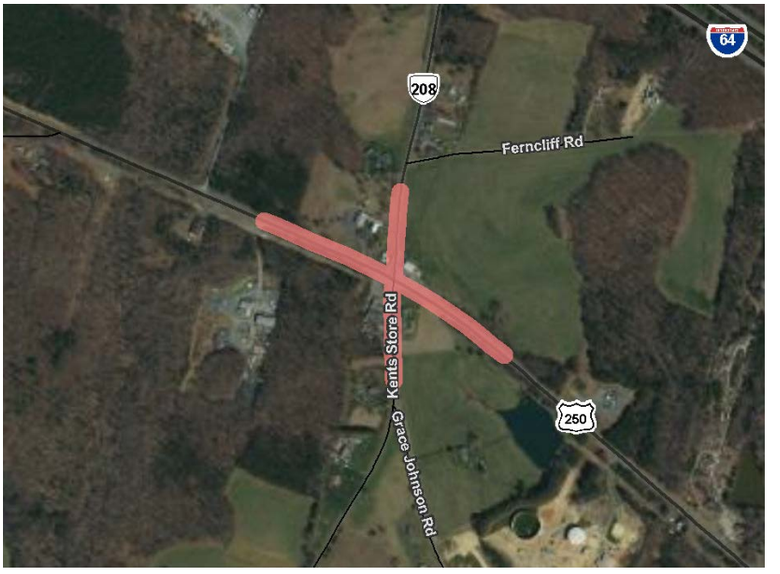
Route 208 & Route 250 - Intersection Improvement

Project Id: 7193

The intersection of Routes 208 & 250 are in need of a safety improvement. The area around this intersection has seen significant growth and serves as the access intersection for Route 64. The intersection angles and size creates a safety concern for trucking traffic turning north onto route 208 to access the route 64 interchange. The project will convert the intersection to a roundabout. This project will include a Park and Ride lot on the parcel to the NE of the intersection.

2.4 SMART SCALE SCORE			
	#214 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$11,950,360
		Total Project Cost	$11,950,360
	#29 OF 36 DISTRICTWIDE	**Project Benefit**	2.9
		Project Benefit / Total Cost	2.4

Submitting Entity: Louisa County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	13.9 persons	2.0 person hrs.	9.6 EPDO	2.5 EPDO / 100M VMT	0.3 jobs per resident	0.2 jobs per resident	69.6 adjusted users	42,163.8 adj sq. ft.	0.0 daily tons	592,650,167.0 adj. buffer time index	941.7 adjusted points	0.6 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.7	0.3	1.5	0.0	0.0	0.0	2.9	0.1	0.0	5.5	21.2	0.0		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.5		1.1		0.6			1.1			21.2			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.1		0.3		0.1			0.3			2.1	0.0		
Project Benefit	2.9													
SMART SCALE Cost	$11,950,360													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**2.4**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

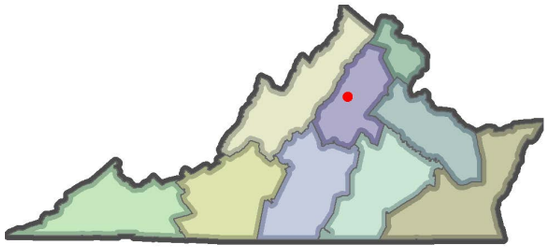
Route 230 & Route 687 Intersection Improvements

Project Id: 7149

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.

2.6 SMART SCALE SCORE			
	#203 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$9,670,472
		Total Project Cost	$9,670,472
	#25 OF 36 DISTRICTWIDE	**Project Benefit**	2.5
		Project Benefit / Total Cost	2.6

Submitting Entity: Madison County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: DGP
Evacuation Route: No
VTRANS Need: Safety (non-CoSS)



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	0.0 persons	0.9 person hrs.	23.2 EPDO	6,938.5 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	15,791.5 adj sq. ft.	0.0 daily tons	0.0 adj. buffer time index	0.0 adjusted points	0.4 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.2	3.7	19.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.1		8.4		0.0			0.0			0.0			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		2.5		0.0			0.0			0.0	0.0		
Project Benefit	2.5													
SMART SCALE Cost	$9,670,472													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**2.6**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

Route 522 / Route 20 Roundabout — Project Id: 7183

This project converts a four-leg, signal-controlled intersection between two rural primary highways in Orange County (Route 522 and Route 20) into a roundabout. Crosswalks and a trail will be provided for better pedestrian accommodation.

3.4 SMART SCALE SCORE	**#169** OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$10,930,226
		Total Project Cost	$10,930,226
	#22 OF 36 DISTRICTWIDE	**Project Benefit**	3.7
		Project Benefit / Total Cost	3.4

Submitting Entity: Orange County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: DGP
Evacuation Route: No
VTRANS Need: Safety (non-CoSS)

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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	5.2 persons	6.0 person hrs.	57.6 EPDO	5,910.5 EPDO / 100M VMT	2.4 jobs per resident	1.6 jobs per resident	15.5 adjusted users	214,218.4 adj sq. ft.	17,171.7 daily tons	1,929,584.1 adj. buffer time index	20.7 adjusted points	1.0 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.3	1.0	9.2	16.6	0.1	0.1	0.6	0.3	1.3	0.0	0.5	0.1		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.6		11.4		0.2			0.5			0.5			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.1		3.4		0.0			0.2			0.0	0.0		
Project Benefit	3.7													
SMART SCALE Cost	$10,930,226													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**3.4**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

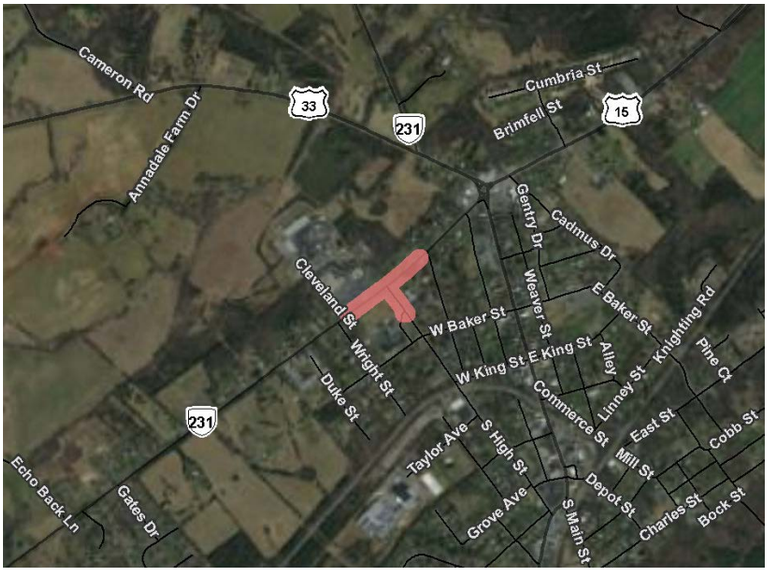
Route 231 / High Street (Gordonsville) Roundabout

Project Id: 7186

This project converts a four-leg, two-way stop-controlled intersection in the Town of Gordonsville (Route 231 and High Street (Route 1006)) into a roundabout. Crosswalks will be provided for better pedestrian accommodation.

8.1 SMART SCALE SCORE			
	#79 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$7,762,449
		Total Project Cost	$7,762,449
	#16 OF 36 DISTRICTWIDE	**Project Benefit**	6.3
		Project Benefit / Total Cost	8.1

Submitting Entity: Orange County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: DGP
Evacuation Route: No
VTRANS Need: Urban Development Area



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	6.7 persons	0.7 person hrs.	18.4 EPDO	22,393.9 EPDO / 100M VMT	0.6 jobs per resident	0.6 jobs per resident	10.1 adjusted users	0.0 adj sq. ft.	0.0 daily tons	41,082.7 adj. buffer time index	13.4 adjusted points	8.2 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.4	0.1	3.0	62.8	0.0	0.0	0.4	0.0	0.0	0.0	0.3	0.6		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.2		20.9		0.1			0.0			0.3			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		6.3		0.0			0.0			0.0	0.0		
Project Benefit	6.3													
SMART SCALE Cost	$7,762,449													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**8.1**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

Route 3 / Route 20 Intersection Improvements

Project Id: 7194

This project converts a four-leg, signal-controlled intersection between two primary highways in Orange County (Route 3 and Route 20) into a Continuous Green-T intersection.

1.0 SMART SCALE SCORE			
	#298 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$11,631,234
		Total Project Cost	$11,631,234
	#34 OF 36 DISTRICTWIDE	**Project Benefit**	1.2
		Project Benefit / Total Cost	1.0

Submitting Entity: Orange County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: DGP
Evacuation Route: No
VTRANS Need: Urban Development Area

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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	0.0 persons	5.3 person hrs.	24.1 EPDO	648.7 EPDO / 100M VMT	1.2 jobs per resident	0.9 jobs per resident	0.0 adjusted users	1,104,442.9 adj sq. ft.	10,476.8 daily tons	9,948,836.9 adj. buffer time index	0.0 adjusted points	73.2 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.9	3.9	1.8	0.1	0.0	0.0	1.8	0.8	0.1	0.0	5.7		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.4		3.3		0.1			1.2			0.0			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		1.0		0.0			0.4			0.0	-0.3		
Project Benefit	1.2													
SMART SCALE Cost	$11,631,234													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.0**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

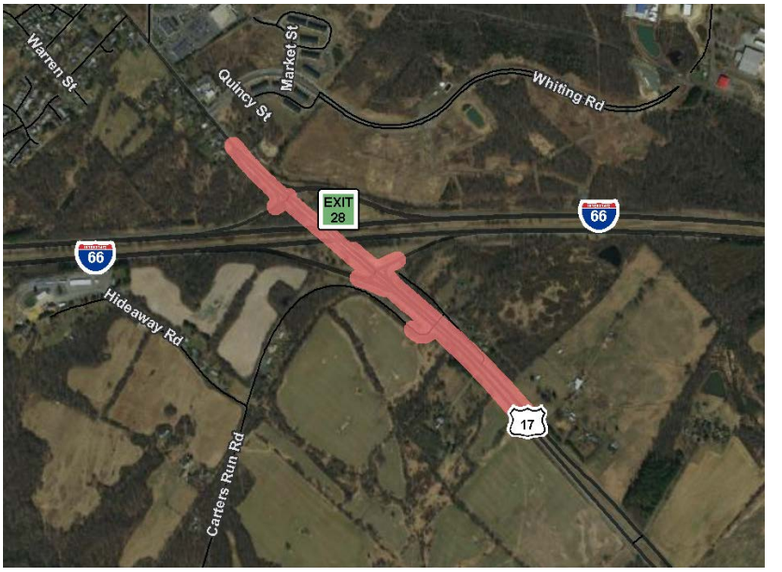
I66 EB, Exit 28 Ramps & Route 17 Intersection, RCUT Redesign

Project Id: 6942

This project redesigns/reconfigures the intersection with an R-CUT to address safety needs and includes constructing an RCUT on US-17 at the eastbound I-66 ramps.The project also adds a U-turn location further south on Route 17 which also improves visibility over the current crossover. This crossover is limited by queues (especially queued trucks) from the W.B. I-66 intersection along N.B. US-17 at peak times.

7.5 SMART SCALE SCORE	**#86** OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$7,549,147
		Total Project Cost	$7,549,147
	#17 OF 36 DISTRICTWIDE	**Project Benefit**	5.7
		Project Benefit / Total Cost	7.5

Submitting Entity: Rappahannock - Rapidan Regional Commission
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: HPP
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	0.0 persons	2.4 person hrs.	57.5 EPDO	8,007.2 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	205,000.4 adj sq. ft.	0.0 daily tons	2,015,030.2 adj. buffer time index	746.0 adjusted points	10.2 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.4	9.2	22.5	0.0	0.0	0.0	0.3	0.0	0.0	16.8	0.8		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.2		13.2		0.0			0.2			16.8			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		4.0		0.0			0.1			1.7	0.0		
Project Benefit	5.7													
SMART SCALE Cost	$7,549,147													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**7.5**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

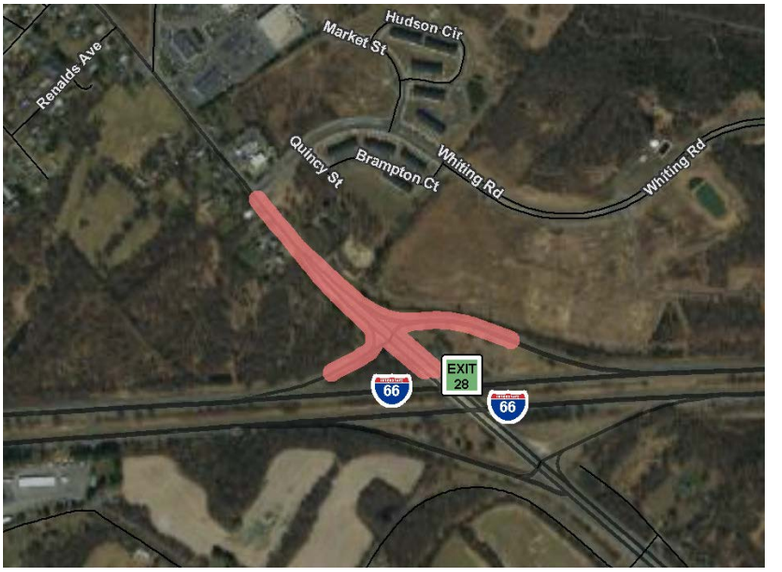
PROJECT SCORECARD

I66 WB, Exit 28 Ramps & Route 17 Intersection, Roundabout — Project Id: 6978

This project redesigns/reconfigures the intersection with a roundabout to address safety and operational issues. The project realigns Route 17 and the I66 Exit 28 on and off ramps and improves the grade separated interchange's queuing issue and congestion, the result of vehicles coming off the ramp not able to make the left turn on to SB Route 17.

9.6 SMART SCALE SCORE			
	#60 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$8,907,188
		Total Project Cost	$8,907,188
	#11 OF 36 DISTRICTWIDE	**Project Benefit**	8.6
		Project Benefit / Total Cost	9.6

Submitting Entity: Rappahannock - Rapidan Regional Commission
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: HPP
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	0.0 persons	4.5 person hrs.	48.0 EPDO	27,189.8 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	205,000.4 adj sq. ft.	0.0 daily tons	3,029,374.9 adj. buffer time index	0.0 adjusted points	2.5 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.7	7.7	76.3	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.2		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.4		28.3		0.0			0.2			0.0			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		8.5		0.0			0.1			0.0	0.0		
Project Benefit	8.6													
SMART SCALE Cost	$8,907,188													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**9.6**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

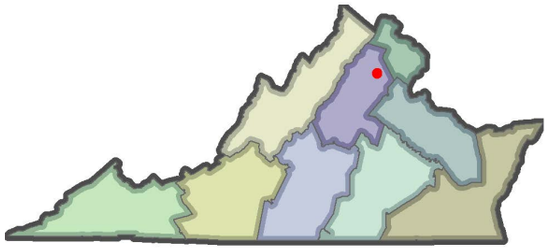
Route 29 and Lees Mill Road Intersection R-CUT

Project Id: 6984

The project will convert the intersection to an un-signalized Restricted Crossing U-Turn/Superstreet.

5.3 SMART SCALE SCORE			
	#116 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$6,804,947
		Total Project Cost	$6,804,947
	#18 OF 36 DISTRICTWIDE	**Project Benefit**	3.6
		Project Benefit / Total Cost	5.3

Submitting Entity: Rappahannock - Rapidan Regional Commission
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: HPP
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	0.0 persons	1.5 person hrs.	41.1 EPDO	634.1 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	2,103.3 adj sq. ft.	0.0 daily tons	10,105,299.7 adj. buffer time index	917.0 adjusted points	0.0 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.2	6.6	1.8	0.0	0.0	0.0	0.0	0.0	0.1	20.6	0.0		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.1		5.1		0.0			0.0			20.6			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		1.5		0.0			0.0			2.1	0.0		
Project Benefit	3.6													
SMART SCALE Cost	$6,804,947													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**5.3**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

US29/ Frays Mill/ Burnley Station Intersection Improvements

Project Id: 6998

The project will convert the existing Signalized Intersection to a Signalized Restricted Crossing U-turn Intersection (RCUT) and includes Rural Bicycles crossing at the main intersection; and the extends the SB Right turn lane from Frays Mill back to the loon.

1.0 SMART SCALE SCORE	#297 OF 397 STATEWIDE	SMART SCALE Requested Funds	$11,076,070
		Total Project Cost	$11,076,070
	#33 OF 36 DISTRICTWIDE	Project Benefit	1.1
		Project Benefit / Total Cost	1.0

Submitting Entity: Thomas Jefferson Planning District Commission
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: HPP
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance

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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	0.0 persons	4.3 person hrs.	23.9 EPDO	829.9 EPDO / 100M VMT	3.4 jobs per resident	4.0 jobs per resident	0.0 adjusted users	289,509.2 adj sq. ft.	49,701.8 daily tons	7,909,264.6 adj. buffer time index	0.0 adjusted points	0.0 impacted acres	0.8 access * pop/emp density.h	1.1 access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.7	3.8	2.3	0.2	0.2	0.0	0.5	3.9	0.1	0.0	0.0	1.2	1.7
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	0.4		3.4		0.2			1.1			0.0		1.4	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%	5 (max point reduction)	10%	
Weighted Factor Value	0.1		0.7		0.0			0.2			0.0	0.0	0.1	
Project Benefit	1.1													
SMART SCALE Cost	$11,076,070													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.0**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

Exit 107 Park and Ride Lot

Project Id: 7002

The project will provide a new Park & Ride lot at Exit 107 on I-64 with 25 spaces and a Bus pull through. The project will also extend the WB Left turn lane on Route 250.

13.5 SMART SCALE SCORE	**#28** OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$3,380,941
		Total Project Cost	$3,380,941
	#5 OF 36 DISTRICTWIDE	**Project Benefit**	4.6
		Project Benefit / Total Cost	13.5

Submitting Entity: Thomas Jefferson Planning District Commission
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: HPP
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance

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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	10.8 persons	1.8 person hrs.	2.3 EPDO	0.6 EPDO / 100M VMT	2.7 jobs per resident	2.6 jobs per resident	54.0 adjusted users	0.0 adj sq. ft.	0.0 daily tons	4,086,329,340.2 adj. buffer time index	1,085.0 adjusted points	15.4 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.6	0.3	0.4	0.0	0.2	0.1	2.2	0.0	0.0	37.8	24.4	1.2		
Measure Weight (% of Factor)	50%	50%	100%	0%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.4		0.4		0.6			7.6			24.4			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.1		0.1		0.1			1.9			2.4	-0.1		
Project Benefit	4.6													
SMART SCALE Cost	$3,380,941													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**13.5**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

Route 29 Shared Use Path from Carrsbrook to Seminole Lane. Project Id: 7004

The project will provide new Shared Use Path along Route 29 from Carrsbrook Drive to Seminole Lane. Includes ADA Ramps & Crosswalks of the entrances and side street connections and Signal Modifications at the Hilton Heights/29 Intersection.

10.5 SMART SCALE SCORE	**#52** OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$3,524,115
		Total Project Cost	$3,524,115
	#10 OF 36 DISTRICTWIDE	**Project Benefit**	3.7
		Project Benefit / Total Cost	10.5

Submitting Entity: Thomas Jefferson Planning District Commission
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: HPP
Evacuation Route: No
VTRANS Need: Regional Network

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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	58.4 persons	0.0 person hrs.	2.1 EPDO	103.7 EPDO / 100M VMT	2.0 jobs per resident	1.3 jobs per resident	175.3 adjusted users	153,833.4 adj sq. ft.	0.0 daily tons	4,335,712.4 adj. buffer time index	0.0 adjusted points	2.3 impacted acres	20.0 access * pop/emp density.h	19.7 access * pop/emp density change.
Normalized Measure Value (0-100)	3.1	0.0	0.3	0.3	0.1	0.1	7.2	0.2	0.0	0.0	0.0	0.2	30.3	29.8
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	1.6		0.3		1.5			0.2			0.0		30.0	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%	5 (max point reduction)	10%	
Weighted Factor Value	0.2		0.1		0.4			0.0			0.0	0.0	3.0	
Project Benefit	3.7													
SMART SCALE Cost	$3,524,115													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**10.5**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

Fifth Street Hub and Trails

Project Id: 7072

This project will construct a shared use path from the development on 5th Street extending along Moore's Creek to 5th Street Station Parkway; another section will branch off north of the fork of Moore's Creek/Biscuit Run, crossing to the east side of the creek and extending up the hillside to an additional trailhead at the 5th Street Station parking lot.

9.6 SMART SCALE SCORE			
	#61 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$9,841,290
		Total Project Cost	$9,841,290
	#12 OF 36 DISTRICTWIDE	**Project Benefit**	9.5
		Project Benefit / Total Cost	9.6

Submitting Entity: Thomas Jefferson Planning District Commission
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: HPP
Evacuation Route: No
VTRANS Need: Regional Network

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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	45.8 persons	0.0 person hrs.	0.0 EPDO	0.0 EPDO / 100M VMT	5.2 jobs per resident	7.6 jobs per resident	137.5 adjusted users	103,262.1 adj sq. ft.	0.0 daily tons	0.0 adj. buffer time index	0.0 adjusted points	2.1 impacted acres	57.0 access * pop/emp density.h	60.8 access * pop/emp density change.
Normalized Measure Value (0-100)	2.5	0.0	0.0	0.0	0.3	0.4	5.7	0.2	0.0	0.0	0.0	0.2	86.2	92.3
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	1.2		0.0		1.4			0.1			0.0		89.2	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%	5 (max point reduction)	10%	
Weighted Factor Value	0.2		0.0		0.3			0.0			0.0	0.0	8.9	
Project Benefit	9.5													
SMART SCALE Cost	$9,841,290													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**9.6**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

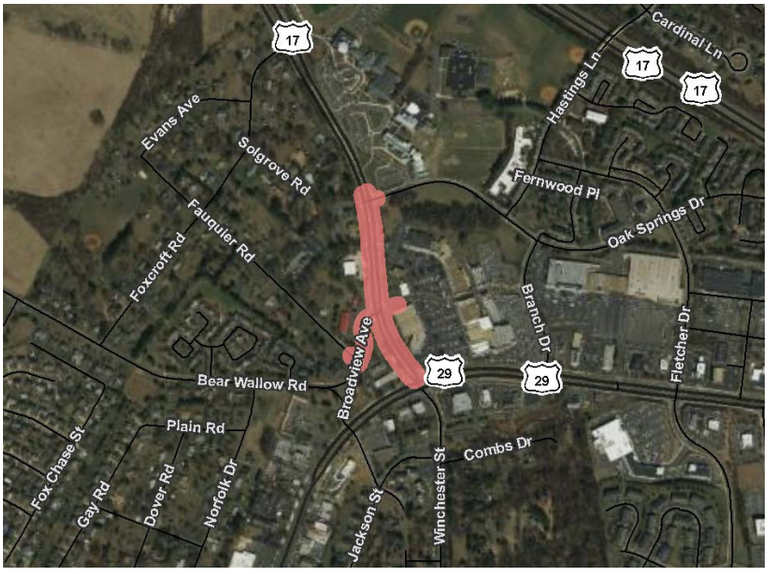
PROJECT SCORECARD

Business US17/Roebling St Intersection Improvement Project Id: 7150

Project will convert an existing intersection into a roundabout to address multiple conflict points and safety issues. Additionally the project will introduce traffic calming measures, bicycle/pedestrian facilities, and crosswalks at this key gateway into the Town.

1.6 SMART SCALE SCORE			
	#259 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$13,084,034
		Total Project Cost	$13,084,034
	#32 OF 36 DISTRICTWIDE	**Project Benefit**	2.1
		Project Benefit / Total Cost	1.6

Submitting Entity: Warrenton Town
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	21.3 persons	2.1 person hrs.	19.2 EPDO	4,499.8 EPDO / 100M VMT	1.0 jobs per resident	1.1 jobs per resident	64.0 adjusted users	16,613.8 adj sq. ft.	0.0 daily tons	1,177,664.4 adj. buffer time index	85.4 adjusted points	0.2 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	1.1	0.4	3.1	12.6	0.1	0.1	2.6	0.0	0.0	0.0	1.9	0.0		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.7		5.9		0.6			0.0			1.9			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.1		1.8		0.1			0.0			0.2	0.0		
Project Benefit	2.1													
SMART SCALE Cost	$13,084,034													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.6**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

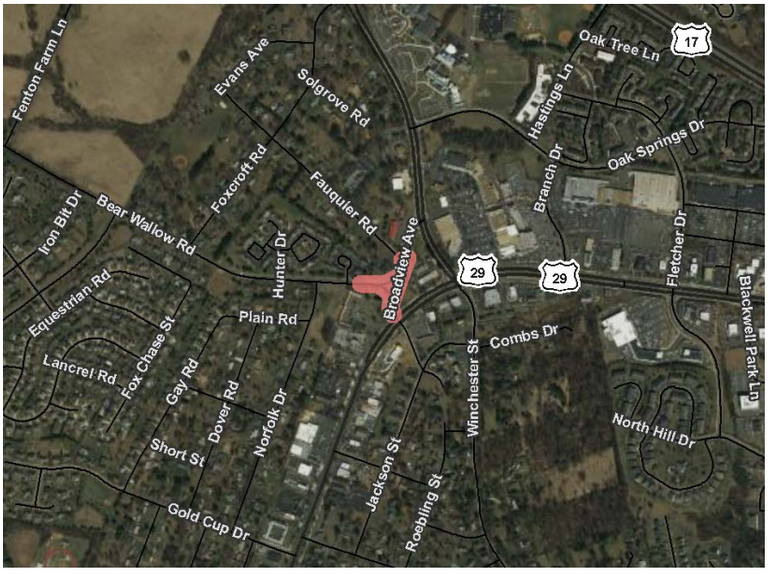
Bear Wallow/Roebling/Broadview Intersection Improvement

Project Id: 7168

Convert an existing intersection to a roundabout to reduce the number of conflict points and crashes by up to 82%. The innovative intersection design will also provide for traffic calming and bicycle/pedestrian enhancements. This location is a key linkage between an existing Broadview Improvement Project currently underway, a site primed for redevelopment, and the access to the U.S. Training Center located on Bear Wallow Road.

0.5 SMART SCALE SCORE	**#344** OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$6,402,387
		Total Project Cost	$6,402,387
	#35 OF 36 DISTRICTWIDE	**Project Benefit**	0.3
		Project Benefit / Total Cost	0.5

Submitting Entity: Warrenton Town
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: DGP
Evacuation Route: No
VTRANS Need: Urban Development Area



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	7.6 persons	1.4 person hrs.	0.8 EPDO	435.7 EPDO / 100M VMT	2.9 jobs per resident	3.4 jobs per resident	22.8 adjusted users	33,227.6 adj sq. ft.	0.0 daily tons	100,990.0 adj. buffer time index	30.4 adjusted points	0.2 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.4	0.2	0.1	1.2	0.2	0.2	0.9	0.1	0.0	0.0	0.7	0.0		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.3		0.5		0.3			0.0			0.7			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		0.1		0.0			0.0			0.1	0.0		
Project Benefit	0.3													
SMART SCALE Cost	$6,402,387													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.5**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

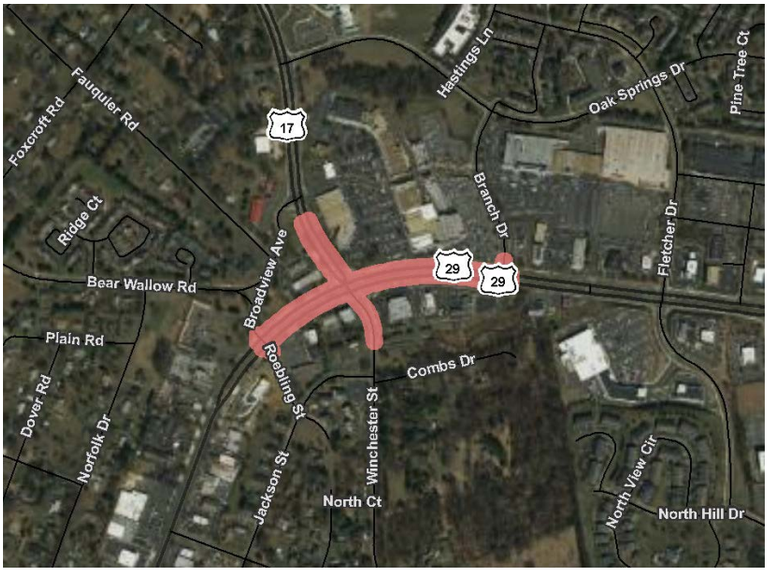
PROJECT SCORECARD

Broadview/W Lee/US17BusN/Winchester Intersection Improvement Project Id: 7170

Project will convert an existing intersection with safety needs to an innovative intersection design "Hybrid Roundabout" and includes Share Use Path, Sidewalks, Crosswalks and Bicycle Lanes.

2.8 SMART SCALE SCORE			
	#192 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$12,185,004
		Total Project Cost	$12,185,004
	#24 OF 36 DISTRICTWIDE	**Project Benefit**	3.4
		Project Benefit / Total Cost	2.8

Submitting Entity: Warrenton Town
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	40.6 persons	33.0 person hrs.	56.2 EPDO	2,128.8 EPDO / 100M VMT	9.1 jobs per resident	5.9 jobs per resident	121.8 adjusted users	16,613.8 adj sq. ft.	1,678.8 daily tons	28,973,545.0 adj. buffer time index	162.3 adjusted points	1.1 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	2.2	5.4	9.0	6.0	0.5	0.3	5.0	0.0	0.1	0.3	3.7	0.1		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	3.8		8.1		1.4			0.1			3.7			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.4		2.4		0.2			0.0			0.4	0.0		
Project Benefit	3.4													
SMART SCALE Cost	$12,185,004													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**2.8**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

FREDERICKSBURG DISTRICT

FY 2022

SCORECARDS

Commonwealth Transportation Board
Office of Intermodal Planning and Investment
Virginia Department of Transportation
Virginia Department of Rail and Public Transportation

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SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

Display Id	Project Name	Organization	District Rank	State Rank	Page #
6867	Route 208 Operational and Multimodal Improvements	Fredericksburg Area Metropolitan Planning Organization	1	12	03-05
6874	U.S. Route 1 STARS - Augustine Avenue intersection	Fredericksburg City	2	18	03-11
7076	Town of Bowling Green US 301/Chase Street	Caroline County	3	38	03-03
6719	Lafayette Boulevard Multimodal Improvements	Fredericksburg Area Metropolitan Planning Organization	4	41	03-04
6877	Rte 1/208 Area Multimodal Improvements	Spotsylvania County	5	43	03-28
6806	Rt 2 & 17 Widening from City Line to Shannon Airport Area	Spotsylvania County	6	59	03-27
6872	I-95 Exit 126 STARS Study Improvements	Fredericksburg Area Metropolitan Planning Organization	7	64	03-07
6747	US-17 Business STARS Study Improvements	George Washington Regional Commission	8	68	03-12
6733	Idlewild Boulevard to VCR Trail Connector	Fredericksburg City	9	83	03-09
6890	Route 1 and Layhill Road Improvements	Stafford County	10	99	03-33
7169	Rte 1/208 Area Multimodal and Revitalization Improvements	Spotsylvania County	11	139	03-30
6739	US Rte 1 STARS-Rte 3 off-ramp/Spotsylvania Ave improvements	Fredericksburg City	12	154	03-10
7164	VSH 3 - VSH 605 Intersection Improvement	Lancaster County	13	178	03-25
6750	Onville Road Improvements	George Washington Regional Commission	14	180	03-13
6869	Garrisonville Road Widening	Fredericksburg Area Metropolitan Planning Organization	15	181	03-06
7050	SMART SCALE: Route 360/624 - Richmond County	Richmond County	16	183	03-26
6640	Shelton Shop Road Improvements	Stafford County	17	194	03-31
6922	Harrison Road VCR Trail	Spotsylvania County	18	205	03-29
6775	US-1 Turn Lane Extension & Shared Use Path (STARS)	George Washington Regional Commission	19	222	03-15
6732	Gateway Boulevard, extended	Fredericksburg City	20	223	03-08
7048	Rte. 17B and TC Walker Intersection Improvements	Gloucester County	21	233	03-18
7045	Rte. 17 / Providence Rd. (Rte. 636) Intersection Improvement	Gloucester County	22	244	03-17
6981	207/639 Continuous Green-T Intersection Safety Improvements	Caroline County	23	249	03-01
6905	Route 301 and Route 205 Median U-Turn	King George County	24	250	03-23
6682	Route 206 and Route 610 Roundabout Intersection	King George County	25	255	03-20

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

Display Id	Project Name	Organization	District Rank	State Rank	Page #
7049	Rte. 17 Widening from 17B South to Short Lane	Gloucester County	26	279	03-19
6683	Route 301 and Route 206 Quadrant Roadway	King George County	27	307	03-21
6751	US 301 Crossover Improvements in King George	George Washington Regional Commission	28	324	03-14
7040	Mountain View Road (Stefaniga to Kellogg Mill)	Stafford County	29	342	03-34
6839	Mountain View Road Improvements (Choptank to Stefaniga)	Stafford County	30	353	03-32
6832	Rt. 30 Bicycle/Pedestrian Improvements	King William County	31	368	03-24
6772	Intersection improvements at Route 205 and Ferry Landing	Westmoreland County	32	371	03-35
7041	Rte. 17 and Hospital Drive Pedestrian Signal	Gloucester County	33	378	03-16
6982	722/207 Continuous Green T Intersection Safety Improvements	Caroline County	34	383	03-02
6686	US 301 and Port Conway Lane Improvements	King George County	35	388	03-22

SMART SCALE Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

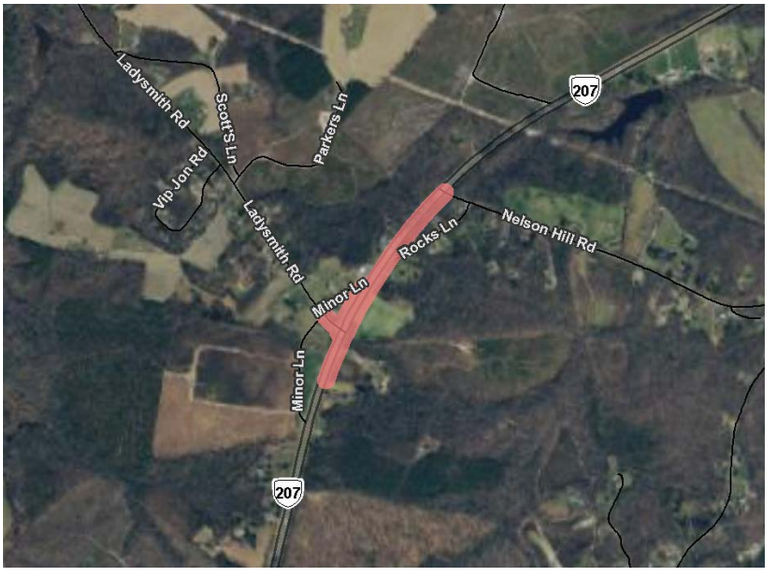
207/639 Continuous Green-T Intersection Safety Improvements

Project Id: 6981

Install an unsignalized Continuous Green-T intersection at Route 639 and Route 207, extend eastbound and westbound deceleration/turn lanes, and add eb/wb acceleration lanes for safety improvements. Standard width graded and paved shoulders will be provided.

1.9 SMART SCALE SCORE			
	#249 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$4,343,379
		Total Project Cost	$4,343,379
	#23 OF 35 DISTRICTWIDE	**Project Benefit**	0.8
		Project Benefit / Total Cost	1.9

Submitting Entity: Caroline County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	0.0 persons	0.1 person hrs.	1.5 EPDO	142.7 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	0.0 adj sq. ft.	0.0 daily tons	857,433.4 adj. buffer time index	327.0 adjusted points	1.4 impacted acres	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	7.4	0.1		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.0		0.3		0.0			0.0			7.4			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		0.1		0.0			0.0			0.7	0.0		
Project Benefit	0.8													
SMART SCALE Cost	$4,343,379													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.9**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

722/207 Continuous Green T Intersection Safety Improvements

Project Id: 6982

Install an unsignalized Continuous Green-T intersection at Route 722 and Route 207, extend eastbound and westbound deceleration/turn lanes, and add eb/wb acceleration lanes for safety improvements. Standard width graded and paved shoulders will be provided.

0.1 SMART SCALE SCORE			
	#383 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$4,104,540
		Total Project Cost	$4,104,540
	#34 OF 35 DISTRICTWIDE	**Project Benefit**	0.0
		Project Benefit / Total Cost	0.1

Submitting Entity: Caroline County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance

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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	0.0 persons	0.0 person hrs.	0.6 EPDO	57.6 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	0.0 adj sq. ft.	0.0 daily tons	251,096.0 adj. buffer time index	0.0 adjusted points	1.3 impacted acres	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%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	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%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		0.0		0.0			0.0			0.0	0.0		
Project Benefit	0.0													
SMART SCALE Cost	$4,104,540													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.1**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

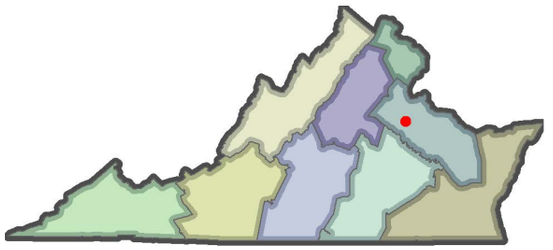
PROJECT SCORECARD

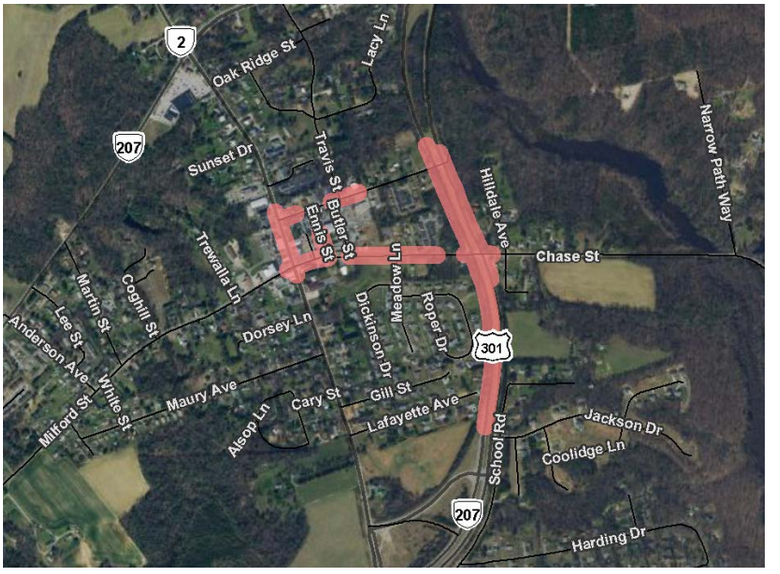
Town of Bowling Green US 301/Chase Street Project Id: 7076

Reconstruct intersection of US 301 and Rte 619 to a Continuous Green T and close x'over at 301 and Courthouse Ln. per VDOT 301/207 Arterial Preservation Plan. Construct a 25 Space Commuter Parking Lot on south side of Chase St. Construct/improve Ped Crossing/Sidewalk/tie-in improvements at Main/Courthouse, Main/Chase, Chase/Ennis, Courthouse/Butler. Install Ped Signal at Main St. and Chase St. Construct sidewalk along north side of Chase St from Butler St to Courthouse Lane Apts.

12.1 SMART SCALE SCORE	**#38** OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$11,800,768
		Total Project Cost	$11,800,768
	#3 OF 35 DISTRICTWIDE	**Project Benefit**	14.2
		Project Benefit / Total Cost	12.1

Submitting Entity: Caroline County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance





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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	18.5 persons	4.8 person hrs.	18.6 EPDO	1.0 EPDO / 100M VMT	4.1 jobs per resident	3.7 jobs per resident	92.6 adjusted users	0.0 adj sq. ft.	0.0 daily tons	8,259,146,776.5 adj. buffer time index	3,589.1 adjusted points	14.3 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	1.0	0.8	3.0	0.0	0.2	0.2	3.8	0.0	0.0	76.5	80.7	1.1		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.9		2.1		0.9			15.3			80.7			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.1		0.6		0.1			5.4			8.1	-0.1		
Project Benefit	14.2													
SMART SCALE Cost	$11,800,768													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**12.1**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

Lafayette Boulevard Multimodal Improvements

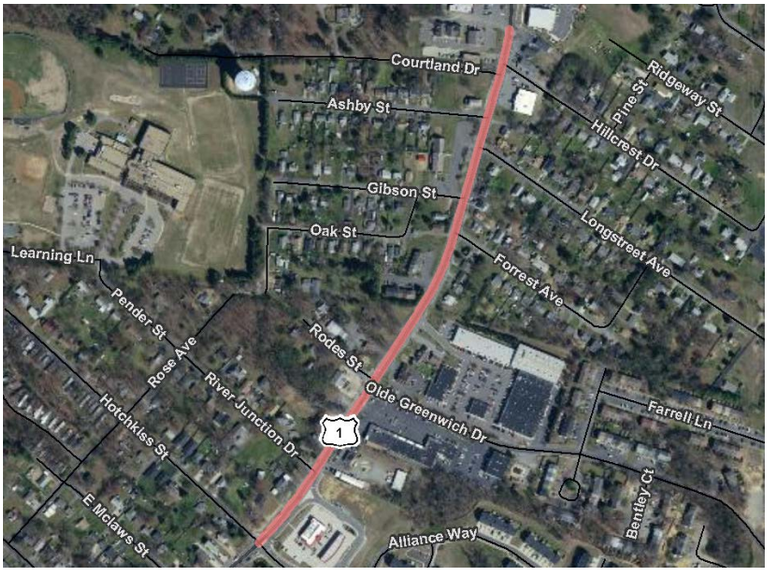
Project Id: 6719

Project includes a proposed 2,000' sidewalk on the east side of Lafayette Blvd from the Sheetz to the Family Dollar and two new bus stops along the FRED F3 service which will also serve the new VRE feeder bus which is proposed from the Rte 208 PNR lot to the Fredbg VRE station, with further improvements at the Rte 208 PNR lot to include the replacement of the transit shelter with LED solar lighting, 10 bicycle lockers, 10 covered bicycle parking and new signage.

11.6 SMART SCALE SCORE			
	#41	OF 397 STATEWIDE	
	#4	OF 35 DISTRICTWIDE	

SMART SCALE Requested Funds	$11,781,801
Total Project Cost	$11,781,801
Project Benefit	13.6
Project Benefit / Total Cost	11.6

Submitting Entity: Fredericksburg Area Metropolitan Planning Organization
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: HPP
Evacuation Route: No
VTRANS Need: Regional Network



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	58.7 persons	5.9 person hrs.	24.8 EPDO	2.0 EPDO / 100M VMT	9.5 jobs per resident	9.5 jobs per resident	293.5 adjusted users	1,130,793.0 adj sq. ft.	0.0 daily tons	0.0 adj. buffer time index	3,955.3 adjusted points	0.0 impacted acres	25.3 access * pop/emp density.h	13.6 access * pop/emp density change.
Normalized Measure Value (0-100)	3.2	1.0	4.0	0.0	0.5	0.5	12.1	1.8	0.0	0.0	88.9	0.0	38.2	20.6
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	2.1		2.8		2.8			1.1			88.9		29.4	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%	5 (max point reduction)	10%	
Weighted Factor Value	0.3		0.6		0.7			0.2			8.9	0.0	2.9	
Project Benefit	13.6													
SMART SCALE Cost	$11,781,801													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**11.6**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

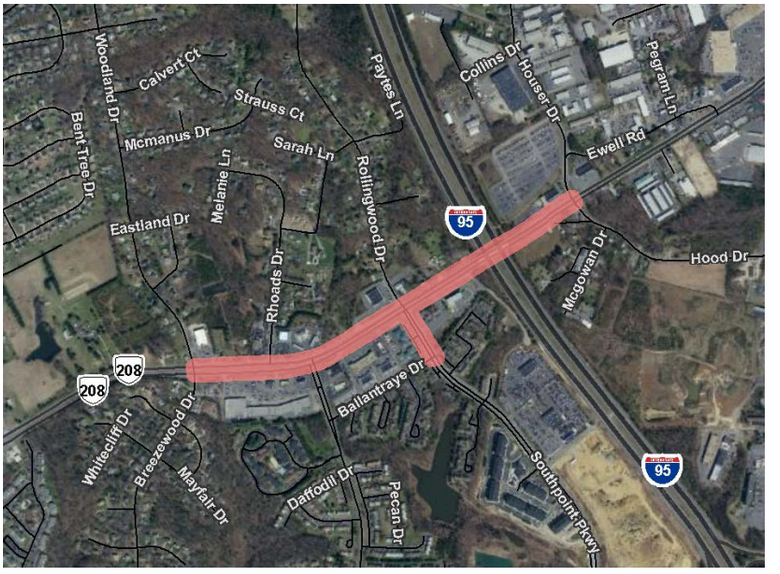
Route 208 Operational and Multimodal Improvements

Project Id: 6867

Provide 3 thru-lanes WB on Rte 208 between Hood Dr and Woodland Dr. Provide Triple-LTLs on Southpoint Pkwy NB at Rte 208. VRE feeder bus is proposed from the Rte 208 PNR lot to the Fredbg VRE station, with imps. at the Rte 208 PNR lot to include the replacement of the transit shelter with LED solar lighting, 10 bicycle lockers, 10 covered bicycle parking and new signage. Also FRED S4 Service during weekday off-peak to reduce headways from 60 to 30 min.

25.3 SMART SCALE SCORE	**#12** OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$7,749,460
		Total Project Cost	$14,099,460
	#1 OF 35 DISTRICTWIDE	**Project Benefit**	19.6
		Project Benefit / Total Cost	13.9

Submitting Entity: Fredericksburg Area Metropolitan Planning Organization
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: HPP
Evacuation Route: Yes
VTRANS Need: Regional Network



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	201.7 persons	88.2 person hrs.	32.1 EPDO	2.5 EPDO / 100M VMT	25.9 jobs per resident	24.3 jobs per resident	621.3 adjusted users	2,200,245.1 adj sq. ft.	19,080.6 daily tons	10,800,995,823.8 adj. buffer time index	4,447.0 adjusted points	4.5 impacted acres	7.3 access * pop/emp density.h	5.3 access * pop/emp density change.
Normalized Measure Value (0-100)	10.8	14.4	5.1	0.0	1.5	1.2	25.5	3.5	1.5	100.0	100.0	0.3	11.1	8.1
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	12.6		3.6		6.3			22.4			100.0		9.6	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%	5 (max point reduction)	10%	
Weighted Factor Value	1.9		0.7		1.6			4.5			10.0	0.0	1.0	
Project Benefit	19.6													
SMART SCALE Cost	$7,749,460													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**25.3**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

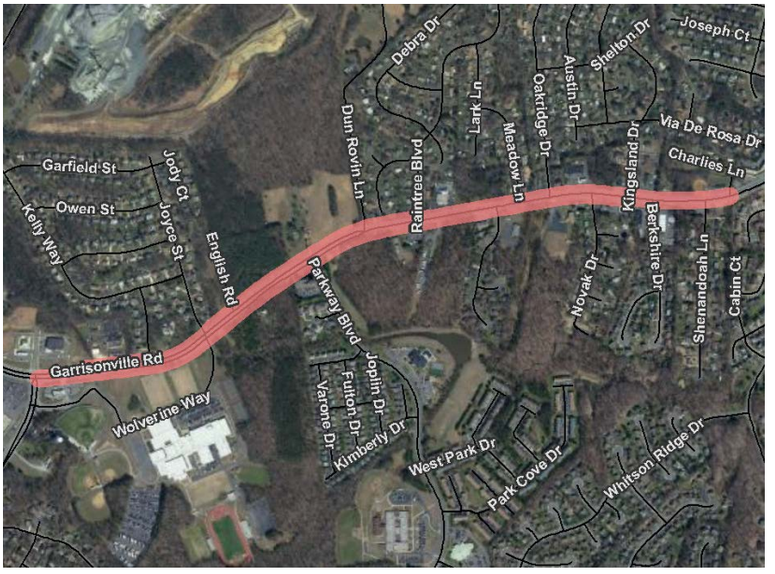
Garrisonville Road Widening

Project Id: 6869

The Garrisonville Road (RT 610) Widening Project will widen approximately 1.40 miles of Garrisonville Road, between the intersections with Eustace Road (RT 751) and Shelton Shop Road (RT 648), to a six-lane divided roadway with raised concrete median, curb & gutter, 5' sidewalks for pedestrians along both sides of the roadway, and three new covered bus shelters at FRED Bus stops within the project limits

3.1 SMART SCALE SCORE			
	#181 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$25,311,170
		Total Project Cost	$50,622,340
	#15 OF 35 DISTRICTWIDE	**Project Benefit**	7.9
		Project Benefit / Total Cost	1.6

Submitting Entity: Fredericksburg Area Metropolitan Planning Organization
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: HPP
Evacuation Route: No
VTRANS Need: Regional Network



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	491.5 persons	81.9 person hrs.	60.9 EPDO	235.1 EPDO / 100M VMT	64.6 jobs per resident	57.0 jobs per resident	231.6 adjusted users	764,391.3 adj sq. ft.	17,789.8 daily tons	0.0 adj. buffer time index	139.0 adjusted points	11.7 impacted acres	13.0 access * pop/emp density.h	12.0 access * pop/emp density change.
Normalized Measure Value (0-100)	26.4	13.4	9.8	0.7	3.7	2.9	9.5	1.2	1.4	0.0	3.1	0.9	19.7	18.2
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	19.9		7.0		4.7			1.0			3.1		18.9	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%	5 (max point reduction)	10%	
Weighted Factor Value	3.0		1.4		1.2			0.2			0.3	0.0	1.9	
Project Benefit	7.9													
SMART SCALE Cost	$25,311,170													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**3.1**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

I-95 Exit 126 STARS Study Improvements

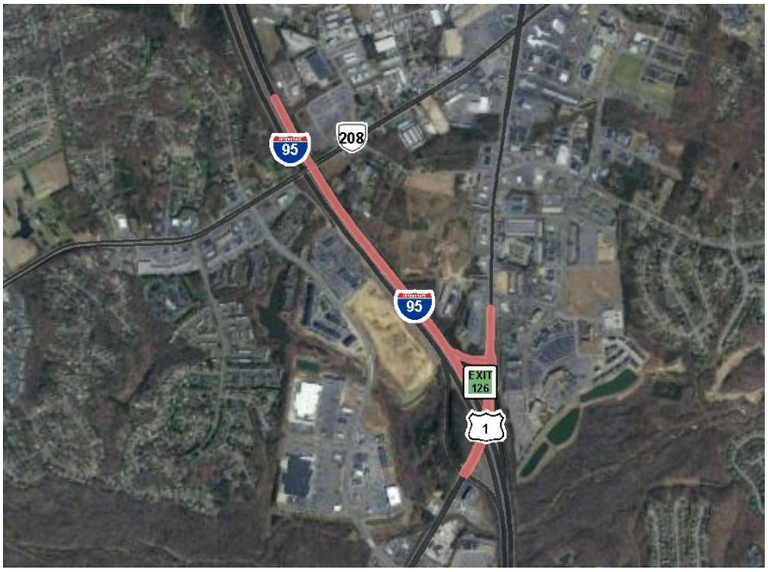
Project Id: 6872

Operational and safety improvements including the widening of US 1 to 6 lanes between the I-95 ramps, the addition of a second NB US 1 left turn lane onto NB I-95, I-95 NB on-ramp widening to two entrance lanes and dual aux merge lanes, extending the acceleration area to 3,220'. Convert Rte 1 NB RTL onto SB I-95 into Thru+RTL.

9.4 SMART SCALE SCORE			
	#64	OF 397 STATEWIDE	
	#7	OF 35 DISTRICTWIDE	

SMART SCALE Requested Funds	$10,834,592
Total Project Cost	$22,434,592
Project Benefit	10.1
Project Benefit / Total Cost	4.5

Submitting Entity: Fredericksburg Area Metropolitan Planning Organization
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: HPP
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	0.0 persons	17.0 person hrs.	141.7 EPDO	539.5 EPDO / 100M VMT	19.3 jobs per resident	18.0 jobs per resident	0.0 adjusted users	1,482,791.3 adj sq. ft.	312,490.4 daily tons	150,069,338.0 adj. buffer time index	1,819.0 adjusted points	3.5 impacted acres	8.7 access * pop/emp density.h	5.0 access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	2.8	22.7	1.5	1.1	0.9	0.0	2.4	24.5	1.4	40.9	0.3	13.1	7.6
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	1.4		16.4		0.9			6.6			40.9		10.4	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%	5 (max point reduction)	10%	
Weighted Factor Value	0.2		3.3		0.2			1.3			4.1	0.0	1.0	
Project Benefit	10.1													
SMART SCALE Cost	$10,834,592													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**9.4**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

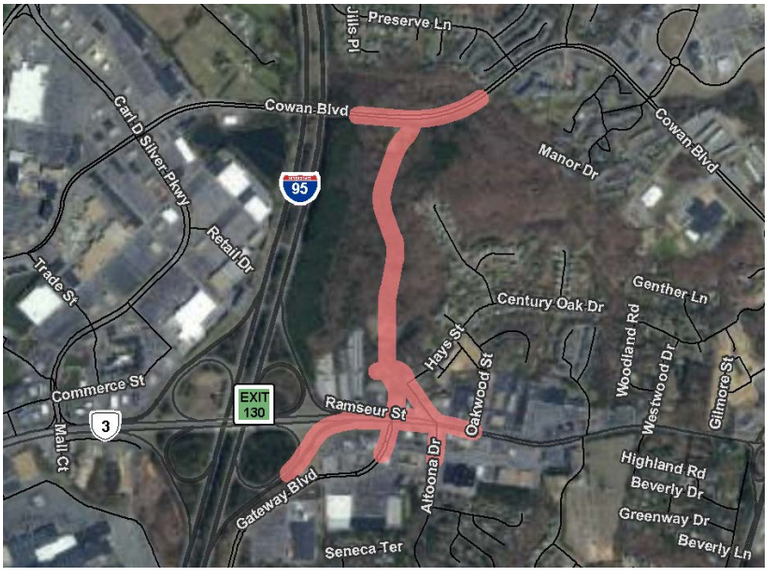
PROJECT SCORECARD

Gateway Boulevard, extended — Project Id: 6732

Gateway Blvd extended is a four-lane, divided roadway, approx. 0.65 miles in length, running north-south between State Rte 3 and Cowan Blvd, east of I-95. The intersection at Cowan Blvd will require two WB LTLs and two EB RTLs. The intersection at State Rte 3 will require a partial quadrant that includes a reconstructed Mahone St as well as improvements to State Rte 3. Sidewalk and a Shared-Use Path are proposed. Two roundabouts are proposed on Gateway Blvd. to access adjacent development.

2.2 SMART SCALE SCORE			
	#223 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$43,391,869
		Total Project Cost	$63,491,869
	#20 OF 35 DISTRICTWIDE	**Project Benefit**	9.8
		Project Benefit / Total Cost	1.5

Submitting Entity: Fredericksburg City
Preliminary Engineering: Underway
Right of Way: Underway
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: No
VTRANS Need: Regional Network



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	897.6 persons	233.3 person hrs.	0.0 EPDO	0.0 EPDO / 100M VMT	38.2 jobs per resident	53.8 jobs per resident	30.5 adjusted users	760,319.5 adj sq. ft.	10,051.2 daily tons	30,308,253.4 adj. buffer time index	24.4 adjusted points	150.5 impacted acres	27.8 access * pop/emp density.h	12.9 access * pop/emp density change.
Normalized Measure Value (0-100)	48.2	38.2	0.0	0.0	2.2	2.7	1.3	1.2	0.8	0.3	0.5	11.6	42.0	19.5
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	43.2		0.0		2.1			0.9			0.5		30.8	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%	5 (max point reduction)	10%	
Weighted Factor Value	6.5		0.0		0.5			0.2			0.1	-0.6	3.1	
Project Benefit	9.8													
SMART SCALE Cost	$43,391,869													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**2.2**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

Idlewild Boulevard to VCR Trail Connector

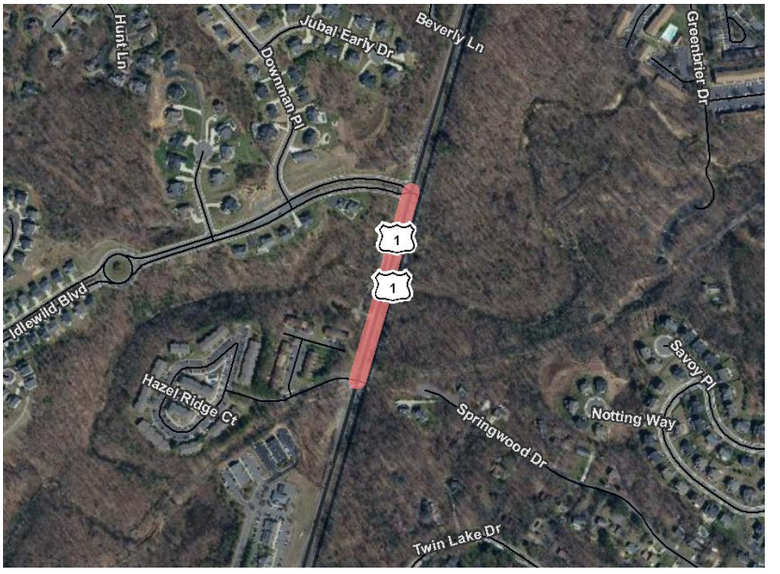
Project Id: 6733

Construct a ten-foot wide multi-use, asphalt trail on the west side of US Route 1 Bypass, approximately 1,000 feet in length. Install a 70-foot steel bridge, 10 feet wide, across Hazel Run. Install signalized pedestrian crossings at King's Mill Drive and Idlewild Blvd.

7.8 SMART SCALE SCORE		
	#83	OF 397 STATEWIDE
	#9	OF 35 DISTRICTWIDE

SMART SCALE Requested Funds	$4,708,290
Total Project Cost	$5,139,574
Project Benefit	3.7
Project Benefit / Total Cost	7.1

Submitting Entity: Fredericksburg City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: No
VTRANS Need: Corridor of Statewide Significance



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	48.0 persons	0.0 person hrs.	0.0 EPDO	0.0 EPDO / 100M VMT	8.0 jobs per resident	10.5 jobs per resident	144.1 adjusted users	0.0 adj sq. ft.	0.0 daily tons	0.0 adj. buffer time index	0.0 adjusted points	17.7 impacted acres	28.2 access * pop/emp density.h	13.4 access * pop/emp density change.
Normalized Measure Value (0-100)	2.6	0.0	0.0	0.0	0.5	0.5	5.9	0.0	0.0	0.0	0.0	1.4	42.7	20.3
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	1.3		0.0		1.6			0.0			0.0		31.5	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%	5 (max point reduction)	10%	
Weighted Factor Value	0.2		0.0		0.4			0.0			0.0	-0.1	3.1	
Project Benefit	3.7													
SMART SCALE Cost	$4,708,290													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**7.8**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

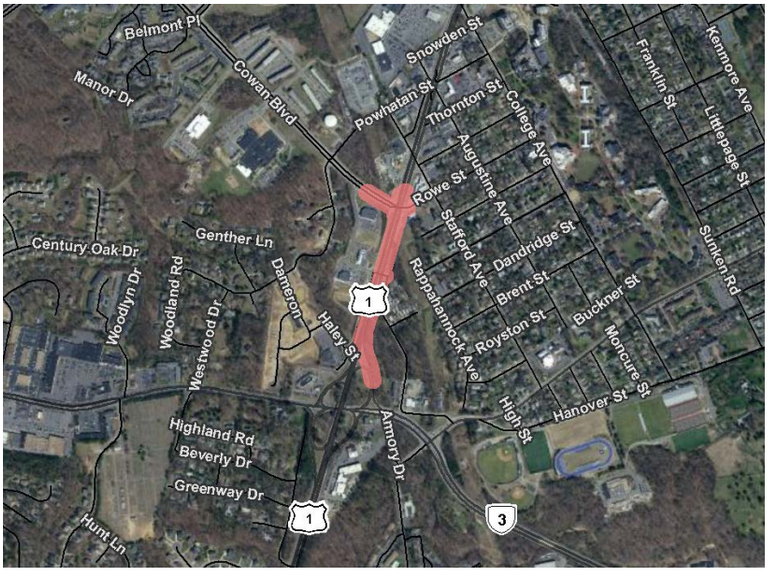
PROJECT SCORECARD

US Rte 1 STARS-Rte 3 off-ramp/Spotsylvania Ave improvements — Project Id: 6739

Convert free-flow westbound Rte 3 off-ramp to signalized triple right; signalize northbound US Rte 1 Bypass approach at off-ramp; add auxiliary through lane northbound, to become left turn lane at Cowan Blvd, add northbound right turn lane at Spotsylvania Ave. Add a right-turn-lane on the eastbound approach of Cowan Blvd (provide double-RTLs).

3.8 SMART SCALE SCORE			
	#154 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$9,533,717
		Total Project Cost	$9,533,717
	#12 OF 35 DISTRICTWIDE	**Project Benefit**	3.6
		Project Benefit / Total Cost	3.8

Submitting Entity: Fredericksburg City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: No
VTRANS Need: Corridor of Statewide Significance



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	5.8 persons	16.9 person hrs.	18.3 EPDO	452.5 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	83,572.2 adj sq. ft.	0.0 daily tons	19,070,903.2 adj. buffer time index	0.0 adjusted points	26.7 impacted acres	26.8 access * pop/emp density.h	12.5 access * pop/emp density change.
Normalized Measure Value (0-100)	0.3	2.8	2.9	1.3	0.0	0.0	0.0	0.1	0.0	0.2	0.0	2.1	40.6	19.0
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	1.5		2.4		0.0			0.1			0.0		29.8	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%	5 (max point reduction)	10%	
Weighted Factor Value	0.2		0.5		0.0			0.0			0.0	-0.1	3.0	
Project Benefit	3.6													
SMART SCALE Cost	$9,533,717													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**3.8**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

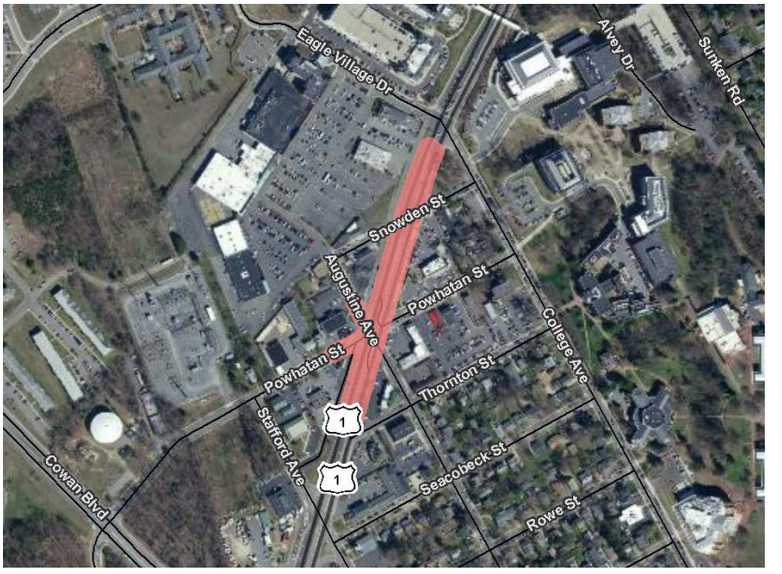
U.S. Route 1 STARS - Augustine Avenue intersection

Project Id: 6874

Add SB Rte 1 right turn bay at Augustine, remove access to/from Snowden Dr both east and west of Rte 1, restrict NB Rte 1 right turn to Augustine, remove service road west of Rte 1, install pedestrian facilities (new sidewalk) and relocate pedestrian ramps across WB approach of Eagle Village Dr/College Ave, relocate right turn stop bars on Eagle Village Dr and College Ave

19.1 SMART SCALE SCORE	**#18** OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$2,692,587
		Total Project Cost	$2,692,587
	#2 OF 35 DISTRICTWIDE	**Project Benefit**	5.1
		Project Benefit / Total Cost	19.1

Submitting Entity: Fredericksburg City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	67.2 persons	0.1 person hrs.	27.6 EPDO	1,143.9 EPDO / 100M VMT	2.1 jobs per resident	2.4 jobs per resident	336.0 adjusted users	59,419.0 adj sq. ft.	1,890.5 daily tons	0.0 adj. buffer time index	201.6 adjusted points	20.0 impacted acres	26.8 access * pop/emp density.h	12.0 access * pop/emp density change.
Normalized Measure Value (0-100)	3.6	0.0	4.4	3.2	0.1	0.1	13.8	0.1	0.1	0.0	4.5	1.5	40.6	18.2
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	1.8		4.1		2.9			0.1			4.5		29.4	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%	5 (max point reduction)	10%	
Weighted Factor Value	0.3		0.8		0.7			0.0			0.5	-0.1	2.9	
Project Benefit	5.1													
SMART SCALE Cost	$2,692,587													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**19.1**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

US-17 Business STARS Study Improvements

Project Id: 6747

Widening of US-17 Bus. to replace TWLTL with a raised median for access mngt. and to improve safety. Signal at Olde Forge Dr to be replaced. The right SB lane/RTL will be extended to provide for merging from the interchange. Project will have 5' sidewalk along US-17 from Short St to Olde Forge Dr with a covered FRED bus shelter and turnout at the existing stop at Olde Forge Dr and a 5' sidewalk to approx. 600' eastward from Olde Forge Dr. Realign Int of Short St and Thomas Ln. Realign RV Pkwy.

9.2 SMART SCALE SCORE		
	#68	OF 397 STATEWIDE
	#8	OF 35 DISTRICTWIDE

SMART SCALE Requested Funds	$9,762,553
Total Project Cost	$9,762,553
Project Benefit	9.0
Project Benefit / Total Cost	9.2

Submitting Entity: George Washington Regional Commission
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: HPP
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance

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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	35.6 persons	11.3 person hrs.	43.4 EPDO	56.5 EPDO / 100M VMT	9.1 jobs per resident	7.9 jobs per resident	178.1 adjusted users	1,877.1 adj sq. ft.	0.0 daily tons	518,681,398.6 adj. buffer time index	2,013.9 adjusted points	10.6 impacted acres	24.5 access * pop/emp density.h	9.1 access * pop/emp density change.
Normalized Measure Value (0-100)	1.9	1.9	7.0	0.2	0.5	0.4	7.3	0.0	0.0	4.8	45.3	0.8	37.1	13.8
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	1.9		4.9		1.9			1.0			45.3		25.5	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%	5 (max point reduction)	10%	
Weighted Factor Value	0.3		1.0		0.5			0.2			4.5	0.0	2.5	
Project Benefit	9.0													
SMART SCALE Cost	$9,762,553													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**9.2**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

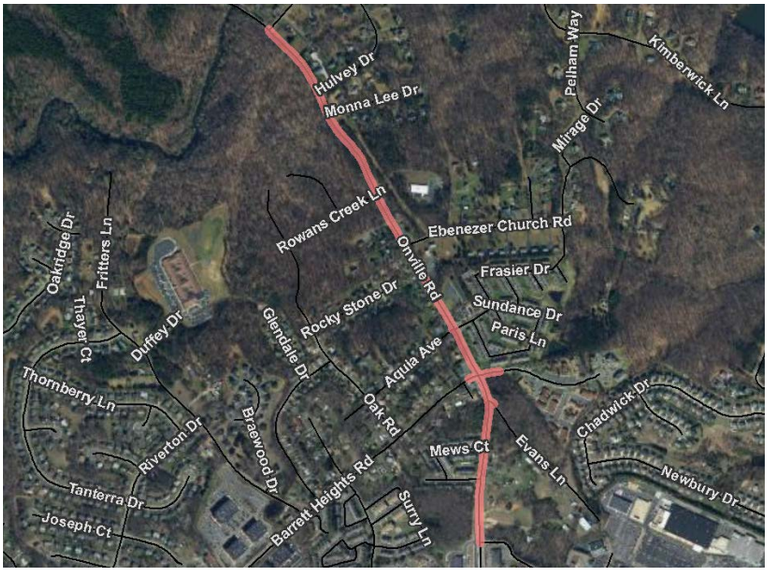
Onville Road Improvements

Project Id: 6750

Add a two-way left-turn lane down the center of Onville Road (Route 641) for approximately 1.12 miles from Worth Avenue to Hulvey Drive, new turn lanes at the intersection with Barrett Heights Road/Garrison Woods Drive, and 5-foot sidewalks along both sides of the roadway.

3.2	#180 OF 397 STATEWIDE	SMART SCALE Requested Funds	$8,540,767
SMART SCALE SCORE	#14 OF 35 DISTRICTWIDE	Total Project Cost	$17,081,534
		Project Benefit	2.7
		Project Benefit / Total Cost	1.6

Submitting Entity: George Washington Regional Commission
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: HPP
Evacuation Route: No
VTRANS Need: Regional Network



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	25.6 persons	8.5 person hrs.	13.4 EPDO	518.7 EPDO / 100M VMT	12.7 jobs per resident	14.9 jobs per resident	27.7 adjusted users	402,169.4 adj sq. ft.	1,302.5 daily tons	0.0 adj. buffer time index	36.9 adjusted points	10.8 impacted acres	12.3 access * pop/emp density.h	11.5 access * pop/emp density change.
Normalized Measure Value (0-100)	1.4	1.4	2.1	1.5	0.7	0.8	1.1	0.6	0.1	0.0	0.8	0.8	18.6	17.5
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	1.4		1.9		0.8			0.4			0.8		18.1	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%	5 (max point reduction)	10%	
Weighted Factor Value	0.2		0.4		0.2			0.1			0.1	0.0	1.8	
Project Benefit	2.7													
SMART SCALE Cost	$8,540,767													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**3.2**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

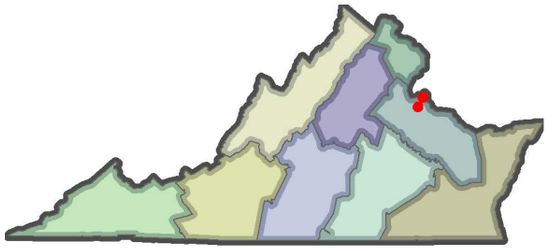
US 301 Crossover Improvements in King George

Project Id: 6751

This project includes two locations on Rt 301 that need several crossover modifications to improve road safety and reduce congestion. Improvements include constructing turn lanes, removing crossovers, creating median U-turns, and widening median openings. The first location is near the King George School Transportation Facility, south of the Rt 301/Rt 3 intersection. The second location is near Dahlgren Developments and UMW's Dahlgren Campus by the intersection of Rt 301/Rt 206.

0.8 SMART SCALE SCORE	**#324** OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$7,316,368
		Total Project Cost	$7,316,368
	#28 OF 35 DISTRICTWIDE	**Project Benefit**	0.6
		Project Benefit / Total Cost	0.8

Submitting Entity: George Washington Regional Commission
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: HPP
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	0.0 persons	0.8 person hrs.	15.0 EPDO	242.0 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	0.0 adj sq. ft.	0.0 daily tons	10,609,348.1 adj. buffer time index	0.0 adjusted points	3.9 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.1	2.4	0.7	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.3		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.1		1.9		0.0			0.0			0.0			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		0.6		0.0			0.0			0.0	0.0		
Project Benefit	0.6													
SMART SCALE Cost	$7,316,368													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.8**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

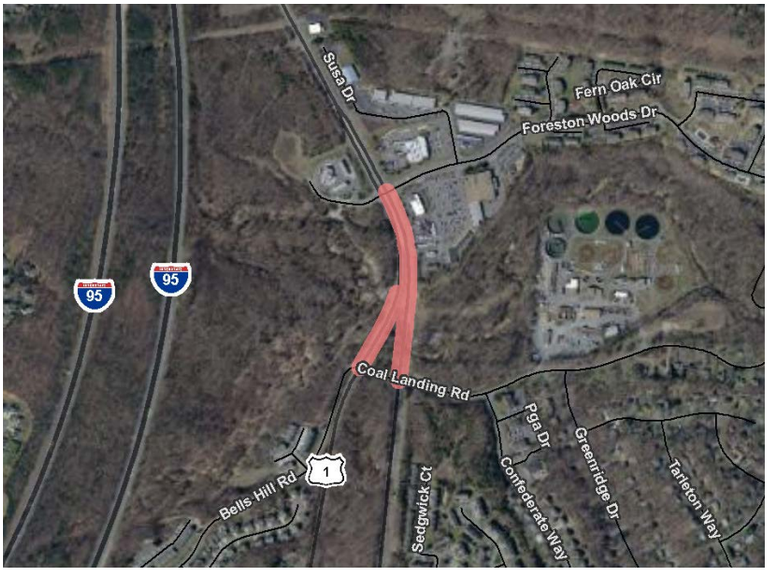
US-1 Turn Lane Extension & Shared Use Path (STARS)

Project Id: 6775

Project extends the SB US-1 left turn lane onto Coal Landing to a total length of 400' to prevent turning traffic from backing up into the thru lane. The W3-3 "Signal Ahead" sign would be relocated ahead of the approaching horizonal curve and supplemented with flashing beacons. Project includes 10' wide shared-use path (SUP) between Coal Landing Rd and Foreston Woods Dr for a length of approximately 1,300'. SUP requires pedestrian bridge across Austin Run creek and curb & gutter along NB US-1.

2.3 SMART SCALE SCORE	**#222** OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$8,588,465
		Total Project Cost	$8,588,465
	#19 OF 35 DISTRICTWIDE	**Project Benefit**	2.0
		Project Benefit / Total Cost	2.3

Submitting Entity: George Washington Regional Commission
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: HPP
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	36.6 persons	0.0 person hrs.	2.9 EPDO	113.5 EPDO / 100M VMT	4.2 jobs per resident	4.8 jobs per resident	109.7 adjusted users	0.0 adj sq. ft.	0.0 daily tons	20,248,422.9 adj. buffer time index	0.0 adjusted points	6.4 impacted acres	10.2 access * pop/emp density.h	9.4 access * pop/emp density change.
Normalized Measure Value (0-100)	2.0	0.0	0.5	0.3	0.2	0.2	4.5	0.0	0.0	0.2	0.0	0.5	15.4	14.2
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	1.0		0.4		1.1			0.0			0.0		14.8	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%	5 (max point reduction)	10%	
Weighted Factor Value	0.1		0.1		0.3			0.0			0.0	0.0	1.5	
Project Benefit	2.0													
SMART SCALE Cost	$8,588,465													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**2.3**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

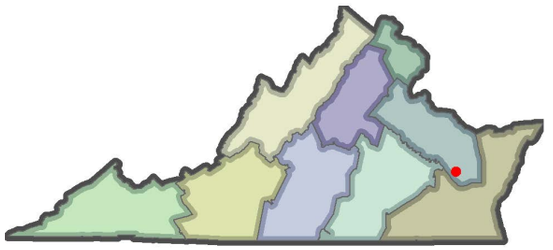
Rte. 17 and Hospital Drive Pedestrian Signal

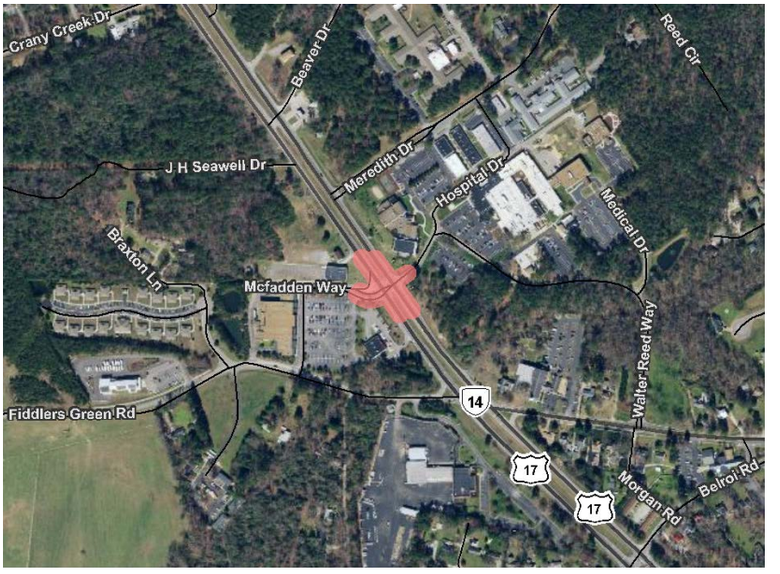
Project Id: 7041

Installation of crosswalks and pedestrian signals at the intersection of Rte. 17 and Hospital Drive providing a safe crossing of Rte. 17. This project is located in the County's Court House Urban Development Area. Riverside Hospital, to the east of the intersection has committed to extending the sidewalks from the intersection right-of-way to their facility. This project will extend a previously funding project and add an important Rte. 17 pedestrian crossing.

0.1 SMART SCALE SCORE			
	#378 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$3,600,099
		Total Project Cost	$3,600,099
	#33 OF 35 DISTRICTWIDE	**Project Benefit**	0.0
		Project Benefit / Total Cost	0.1

Submitting Entity: Gloucester County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: DGP
Evacuation Route: Yes
VTRANS Need: Urban Development Area





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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	10.7 persons	0.0 person hrs.	0.0 EPDO	0.0 EPDO / 100M VMT	0.4 jobs per resident	0.3 jobs per resident	16.0 adjusted users	0.0 adj sq. ft.	0.0 daily tons	0.0 adj. buffer time index	0.0 adjusted points	0.4 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.6	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.3		0.0		0.1			0.0			0.0			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		0.0		0.0			0.0			0.0	0.0		
Project Benefit	0.0													
SMART SCALE Cost	$3,600,099													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.1**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

Rte. 17 / Providence Rd. (Rte. 636) Intersection Improvement

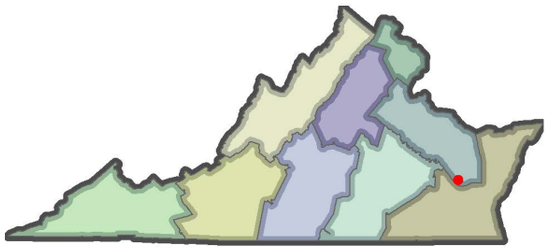
Project Id: 7045

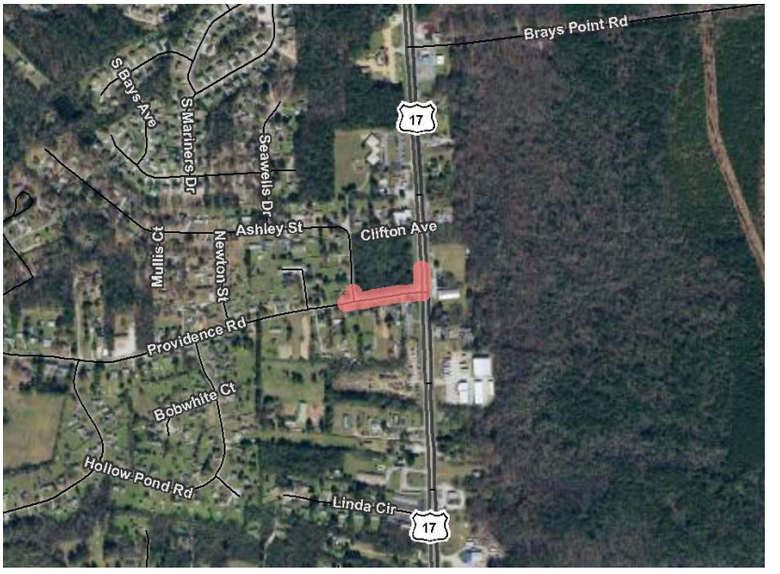
Improvements to the intersection of Rte. 17 and Providence Road to improve the throughput from Providence Road to Rte. 17. A dedicated right turn lane and left/through lane will be added to Providence Road at Rte. 17. Providence will be the major southern ingress and egress access route to/from the new state park, Machicomoco (formerly Middle Peninsula State Park).

2.0 SMART SCALE SCORE	
#244	OF 397 STATEWIDE
#22	OF 35 DISTRICTWIDE

SMART SCALE Requested Funds	$3,320,873
Total Project Cost	$3,320,873
Project Benefit	0.7
Project Benefit / Total Cost	2.0

Submitting Entity: Gloucester County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: DGP
Evacuation Route: Yes
VTRANS Need: Urban Development Area





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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	0.0 persons	0.6 person hrs.	12.2 EPDO	657.6 EPDO / 100M VMT	0.5 jobs per resident	0.5 jobs per resident	0.0 adjusted users	0.0 adj sq. ft.	15,898.3 daily tons	1,848,316.4 adj. buffer time index	0.0 adjusted points	4.3 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.1	1.9	1.8	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.3		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.0		1.9		0.0			0.3			0.0			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		0.6		0.0			0.1			0.0	0.0		
Project Benefit	0.7													
SMART SCALE Cost	$3,320,873													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**2.0**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

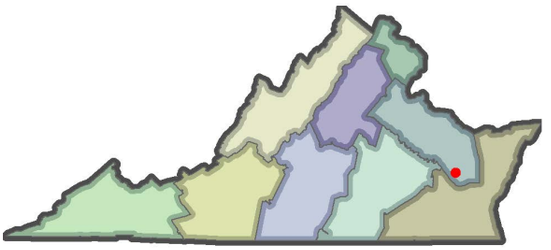
Rte. 17B and TC Walker Intersection Improvements

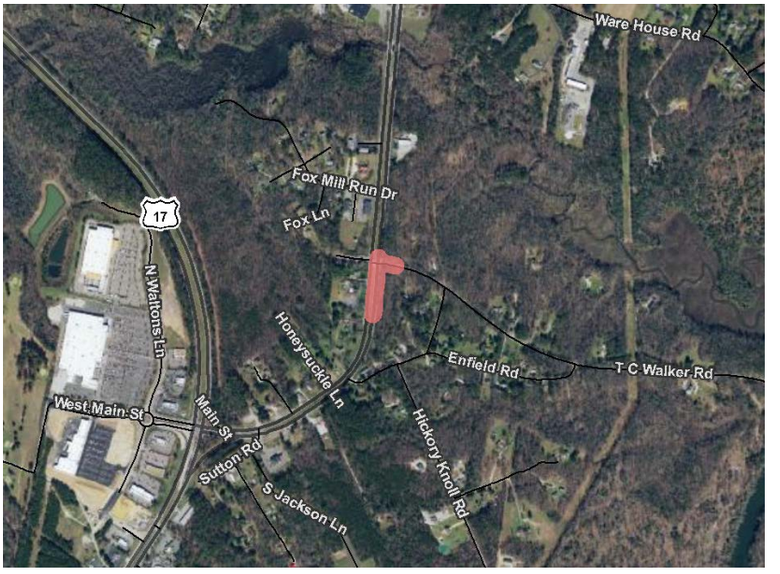
Project Id: 7048

This project extends and offsets a right turn lane along Rte. 17B at TC Walker Road. This intersection is ranked #50 in the VDOT Fredericksburg Districts' Top Public Safety Improvement (PSI) list. Capacity improvements are currently being implemented to the left turn lane along Rte. 17B at the intersection in connection with Main Street Landing, a 131 single family residential development project.

2.1 SMART SCALE SCORE			
	#233 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$2,642,254
		Total Project Cost	$2,642,254
	#21 OF 35 DISTRICTWIDE	**Project Benefit**	0.6
		Project Benefit / Total Cost	2.1

Submitting Entity: Gloucester County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: DGP
Evacuation Route: No
VTRANS Need: Urban Development Area





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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	0.0 persons	0.3 person hrs.	10.1 EPDO	849.2 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	0.0 adj sq. ft.	0.0 daily tons	4,360,166.8 adj. buffer time index	0.0 adjusted points	0.6 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	1.6	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.0		1.9		0.0			0.0			0.0			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		0.6		0.0			0.0			0.0	0.0		
Project Benefit	0.6													
SMART SCALE Cost	$2,642,254													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**2.1**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

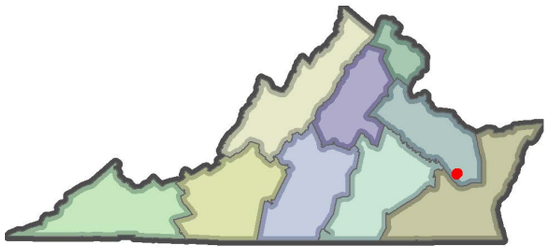
Rte. 17 Widening from 17B South to Short Lane

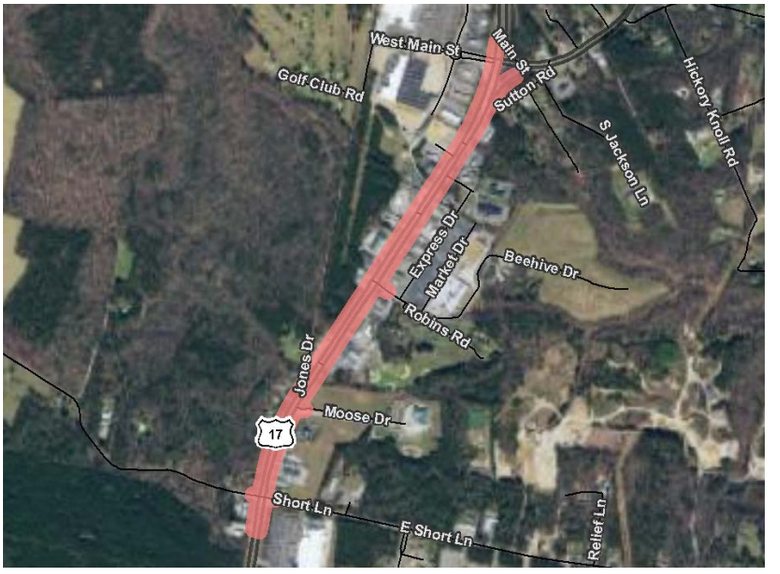
Project Id: 7049

Project will widen Rte. 17 from 4 lanes to 6 lanes from Short Lane to Rte. 17B south, approximately 1.1 miles. Improvements include access mngt., turn lane imps. and intersection imps., The project area is located along a COSS and within the County's UDA and in the CLRP. A 5' sidewalk is proposed along one side of Route 17 and a 10' shared-use path is proposed along the other side to improve pedestrian mobility and connectivity throughout this primary economic activity node.

1.3 SMART SCALE SCORE			
	#279 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$32,050,532
		Total Project Cost	$32,050,532
	#26 OF 35 DISTRICTWIDE	**Project Benefit**	4.0
		Project Benefit / Total Cost	1.3

Submitting Entity: Gloucester County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance





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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	113.3 persons	0.0 person hrs.	69.9 EPDO	693.7 EPDO / 100M VMT	11.4 jobs per resident	11.0 jobs per resident	339.8 adjusted users	2,221,013.7 adj sq. ft.	0.0 daily tons	90,501,757.2 adj. buffer time index	0.0 adjusted points	23.7 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	6.1	0.0	11.2	1.9	0.7	0.6	14.0	3.6	0.0	0.8	0.0	1.8		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	3.0		8.4		3.3			2.3			0.0			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.3		2.5		0.5			0.8			0.0	-0.1		
Project Benefit	4.0													
SMART SCALE Cost	$32,050,532													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.3**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

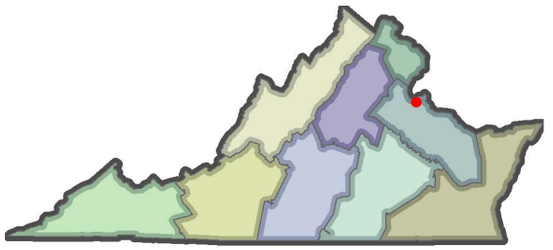
Route 206 and Route 610 Roundabout Intersection

Project Id: 6682

Project will replace the current intersection with a roundabout with two-lanes through on Rte 206 in each direction to accommodate existing and future traffic volumes. Sidewalks will be provided. Ranked 54th in the Fredericksburg District for Potential Safety Improvements. Route 206 is a two-lane Rural Minor Arterial. The corridor serves as a primary route for drivers headed to and from the Dahlgren Naval Station and as a primary access route to Route 301, which connects into Maryland.

1.7 SMART SCALE SCORE			
	#255 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$15,365,076
		Total Project Cost	$15,365,076
	#25 OF 35 DISTRICTWIDE	**Project Benefit**	2.6
		Project Benefit / Total Cost	1.7

Submitting Entity: King George County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: DGP
Evacuation Route: No
VTRANS Need: Safety (non-CoSS)



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	8.3 persons	1.2 person hrs.	6.9 EPDO	8,920.1 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	12.4 adjusted users	0.0 adj sq. ft.	0.0 daily tons	0.0 adj. buffer time index	16.5 adjusted points	0.1 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.4	0.2	1.1	25.0	0.0	0.0	0.5	0.0	0.0	0.0	0.4	0.0		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.3		8.3		0.1			0.0			0.4			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		2.5		0.0			0.0			0.0	0.0		
Project Benefit	2.6													
SMART SCALE Cost	$15,365,076													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.7**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

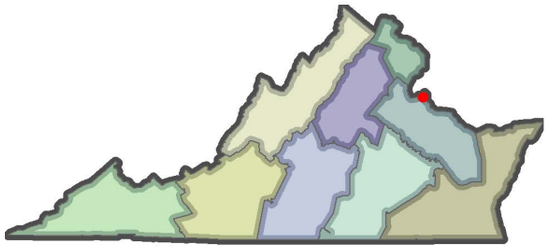
Route 301 and Route 206 Quadrant Roadway

Project Id: 6683

The intersection of US 301 and Dahlgren Road (Rte. 206) will be reconfigured to prohibit left turns at the existing intersection, replacing the current movements with an innovative intersection design. This project will consist of the construction of a Quadrant Roadway with additional, coordinated signals on US 301 northbound (including a Continuous Green T Intersection for the WB to SB movement) and on Dahlgren Rd (Route 206), east of the main intersection.

1.0 SMART SCALE SCORE			
	#307 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$14,447,294
		Total Project Cost	$14,447,294
	#27 OF 35 DISTRICTWIDE	**Project Benefit**	1.4
		Project Benefit / Total Cost	1.0

Submitting Entity: King George County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	0.0 persons	16.2 person hrs.	22.5 EPDO	589.1 EPDO / 100M VMT	0.6 jobs per resident	0.4 jobs per resident	0.0 adjusted users	0.0 adj sq. ft.	59,208.9 daily tons	28,882,034.5 adj. buffer time index	0.0 adjusted points	2.6 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	2.6	3.6	1.7	0.0	0.0	0.0	0.0	4.6	0.3	0.0	0.2		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	1.3		3.0		0.0			1.0			0.0			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.1		0.9		0.0			0.3			0.0	0.0		
Project Benefit	1.4													
SMART SCALE Cost	$14,447,294													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.0**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

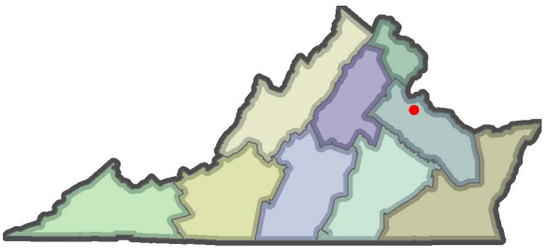
US 301 and Port Conway Lane Improvements

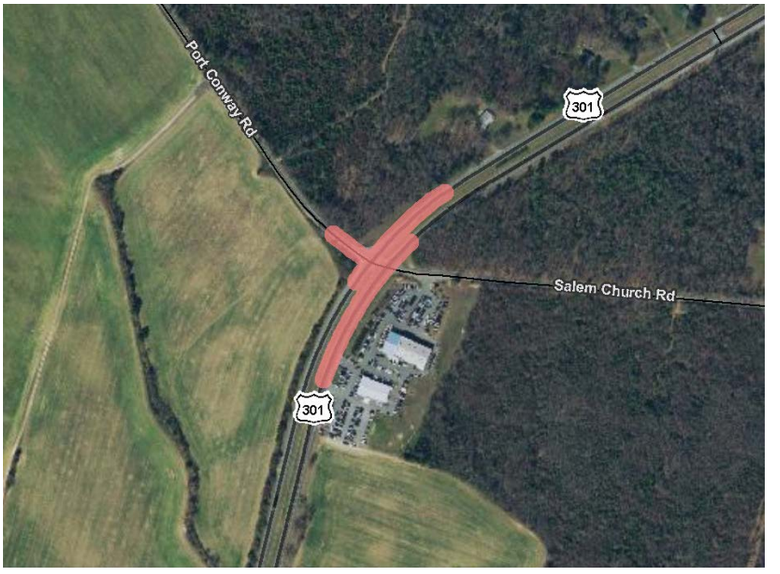
Project Id: 6686

Lengthen existing left-turn lanes on US 301 at Routes 607 and 625. Lengthen right-turn lane on southbound US 301 at Route 607.

0.0 SMART SCALE SCORE			
	#389 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$2,983,776
		Total Project Cost	$2,983,776
	#35 OF 35 DISTRICTWIDE	**Project Benefit**	0.0
		Project Benefit / Total Cost	0.0

Submitting Entity: King George County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance





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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	0.0 persons	0.0 person hrs.	0.3 EPDO	62.4 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	0.0 adj sq. ft.	0.0 daily tons	274,794.8 adj. buffer time index	0.0 adjusted points	13.1 impacted acres	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	1.0		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	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%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		0.0		0.0			0.0			0.0	-0.1		
Project Benefit	0.0													
SMART SCALE Cost	$2,983,776													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.0**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

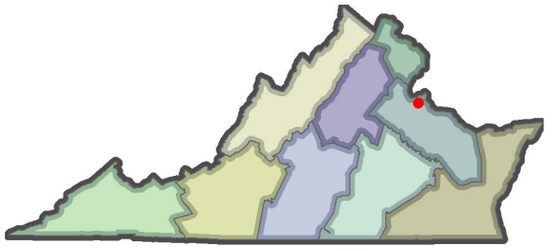
Route 301 and Route 205 Median U-Turn

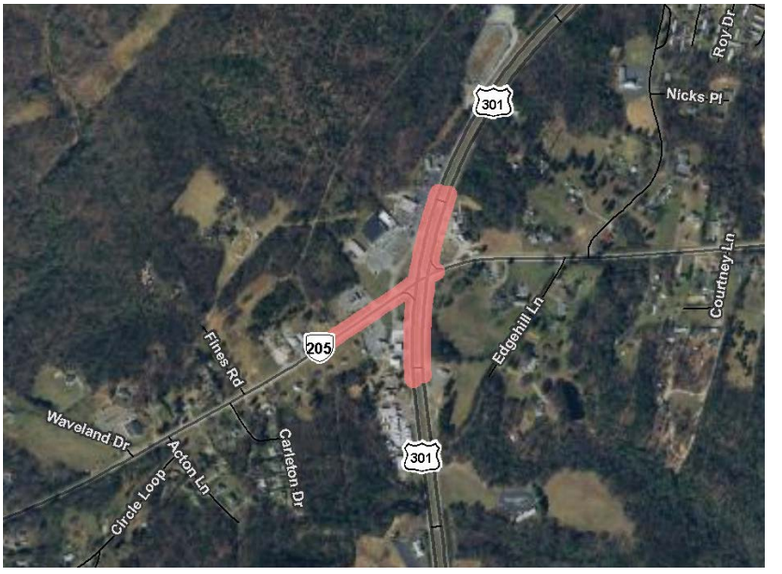
Project Id: 6905

Reconfigure the intersection of Ridge Road with US 301 by removing left-turns from the existing signalized intersection. Construct a single lane signalized U-turn north and a dual lane signalized U-turn south of the current intersection with loons provided to accommodate vehicles with larger turning radii. An additional right-turn-lane will be added to the eastbound Ridge Road approach. Most improvements will be constructed within existing VDOT right-of-way.

1.9 SMART SCALE SCORE			
	#250 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$7,728,139
		Total Project Cost	$7,728,139
	#24 OF 35 DISTRICTWIDE	**Project Benefit**	1.5
		Project Benefit / Total Cost	1.9

Submitting Entity: King George County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance





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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	0.0 persons	11.7 person hrs.	23.2 EPDO	1,399.0 EPDO / 100M VMT	0.3 jobs per resident	0.2 jobs per resident	0.0 adjusted users	0.0 adj sq. ft.	40,730.9 daily tons	4,244,846.3 adj. buffer time index	0.0 adjusted points	0.7 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	1.9	3.7	3.9	0.0	0.0	0.0	0.0	3.2	0.0	0.0	0.1		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	1.0		3.8		0.0			0.6			0.0			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.1		1.1		0.0			0.2			0.0	0.0		
Project Benefit	1.5													
SMART SCALE Cost	$7,728,139													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.9**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

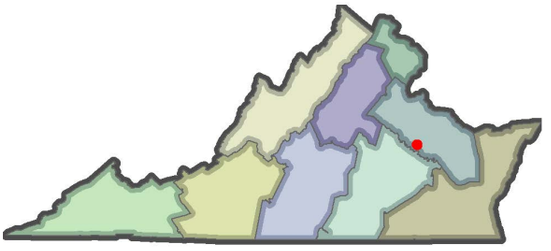
Rt. 30 Bicycle/Pedestrian Improvements

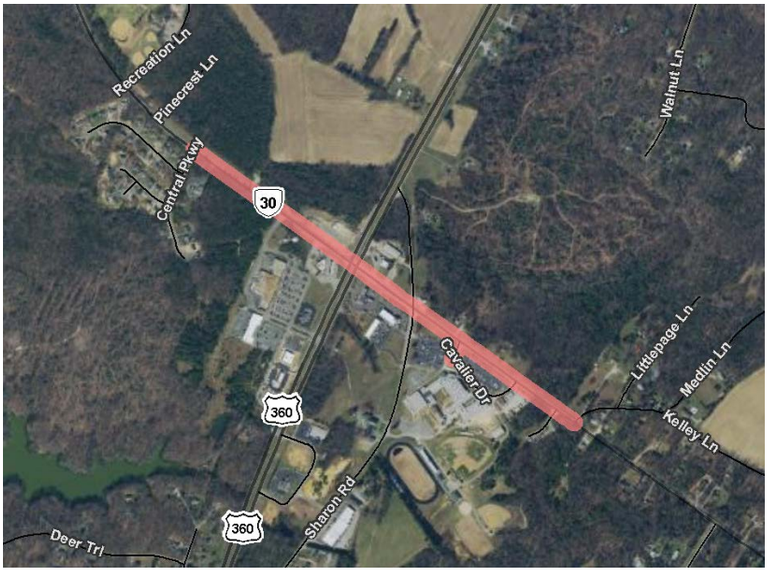
Project Id: 6832

Provide a ten foot wide shared-use pedestrian/bike facility along the northest side of Route 30 from Central Parkway/Pine Crest Lane to Kelly Lane, crossing Route 360 where ped signal equipment will be installed on the W, N and E legs. The total length of the SUP is approximately 4,000'. Project will include a sidewalk between Sharon Road and the High School Entrance. The existing RTL at the HS Entr. will be extended back to Sharon Road and will include curb and gutter.

0.2 SMART SCALE SCORE	#368 OF 397 STATEWIDE	SMART SCALE Requested Funds	$10,770,030
		Total Project Cost	$10,770,030
	#31 OF 35 DISTRICTWIDE	Project Benefit	0.2
		Project Benefit / Total Cost	0.2

Submitting Entity: King William County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: DGP
Evacuation Route: No
VTRANS Need: Urban Development Area





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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	16.0 persons	0.0 person hrs.	1.5 EPDO	209.6 EPDO / 100M VMT	4.9 jobs per resident	5.2 jobs per resident	48.0 adjusted users	0.0 adj sq. ft.	0.0 daily tons	1,118,686.3 adj. buffer time index	0.0 adjusted points	1.5 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.9	0.0	0.2	0.6	0.3	0.3	2.0	0.0	0.0	0.0	0.0	0.1		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.4		0.3		0.6			0.0			0.0			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		0.1		0.1			0.0			0.0	0.0		
Project Benefit	0.2													
SMART SCALE Cost	$10,770,030													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.2**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

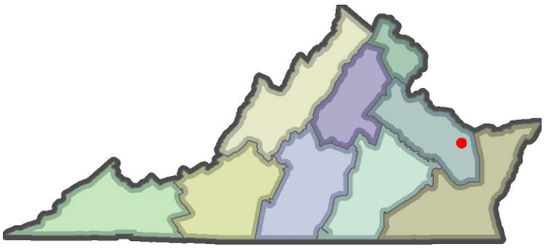
VSH 3 - VSH 605 Intersection Improvement

Project Id: 7164

This project would add a right turn lane and a left turn lane off of VSH 3 onto VSH 605. VSH 3 is the main highway through Lancaster County and this intersection has experienced numerous accidents over the years involving vehicles that have slowed or stopped on VSH 3 to make the turn onto VSH 605. Lancaster County now owns the property to the north of VSH 3 and west of VSH 605, so RW acquisition is not a problem on that side of this proposed project.

3.2 SMART SCALE SCORE			
	#178 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$4,403,983
		Total Project Cost	$4,403,983
	#13 OF 35 DISTRICTWIDE	**Project Benefit**	1.4
		Project Benefit / Total Cost	3.2

Submitting Entity: Lancaster County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: DGP
Evacuation Route: Yes
VTRANS Need: Safety (non-CoSS)



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	0.0 persons	0.0 person hrs.	7.7 EPDO	4,635.9 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	0.0 adj sq. ft.	0.0 daily tons	133,220.5 adj. buffer time index	0.0 adjusted points	1.8 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	1.2	13.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.0		4.8		0.0			0.0			0.0			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		1.4		0.0			0.0			0.0	0.0		
Project Benefit	1.4													
SMART SCALE Cost	$4,403,983													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**3.2**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

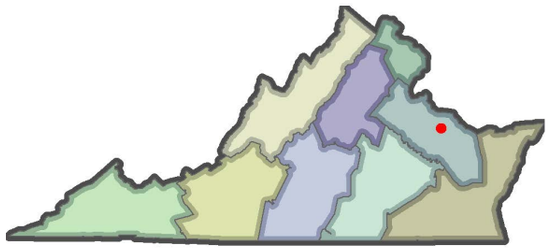
SMART SCALE: Route 360/624 - Richmond County

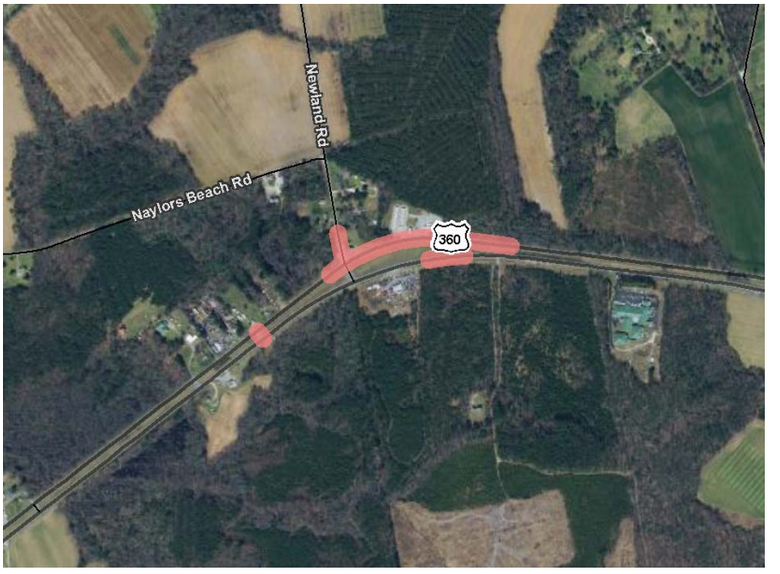
Project Id: 7050

Improve safety by providing turn lanes and restricting movements at the crossover intersection of Rte 360 and Rte 624 including a modified RCU-T

3.1 SMART SCALE SCORE	#183 OF 397 STATEWIDE	SMART SCALE Requested Funds	$3,107,900
		Total Project Cost	$3,107,900
	#16 OF 35 DISTRICTWIDE	Project Benefit	0.9
		Project Benefit / Total Cost	3.1

Submitting Entity: Richmond County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: DGP
Evacuation Route: No
VTRANS Need: Safety (non-CoSS)





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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	0.0 persons	0.0 person hrs.	13.0 EPDO	2,424.7 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	0.0 adj sq. ft.	0.0 daily tons	482,306.6 adj. buffer time index	0.0 adjusted points	26.1 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	2.1	6.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.0		3.5		0.0			0.0			0.0			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		1.0		0.0			0.0			0.0	-0.1		
Project Benefit	0.9													
SMART SCALE Cost	$3,107,900													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**3.1**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

Rt 2 & 17 Widening from City Line to Shannon Airport Area

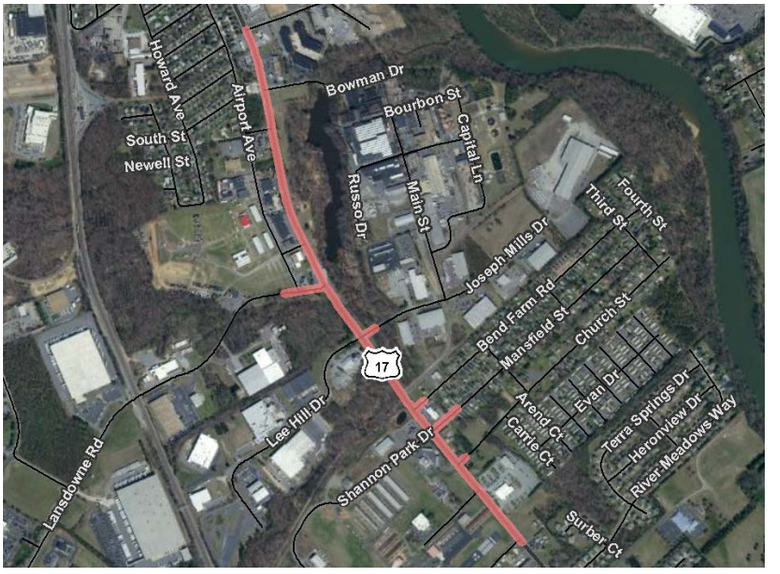
Project Id: 6806

Rte 2/17 Widening to 4 lanes from Fredericksburg City Line to south side of Shannon Airport with a 10 ft Shared Use Path along eastside of roadway and new FRED Transit VRE feeder bus service from the Upper Spotsy Redevelopment Project (Bowman Center) to Fredericksburg AMTRAK/VRE.

9.8 SMART SCALE SCORE			
	#59	OF 397 STATEWIDE	
	#6	OF 35 DISTRICTWIDE	

SMART SCALE Requested Funds	$19,948,505
Total Project Cost	$40,884,763
Project Benefit	19.5
Project Benefit / Total Cost	4.8

Submitting Entity: Spotsylvania County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	290.4 persons	66.3 person hrs.	140.6 EPDO	723.0 EPDO / 100M VMT	68.8 jobs per resident	66.9 jobs per resident	340.2 adjusted users	797,955.4 adj sq. ft.	60,308.8 daily tons	89,700,224.7 adj. buffer time index	3,991.3 adjusted points	57.4 impacted acres	29.1 access * pop/emp density.h	19.4 access * pop/emp density change.
Normalized Measure Value (0-100)	15.6	10.9	22.6	2.0	4.0	3.4	14.0	1.3	4.7	0.8	89.8	4.4	44.0	29.4
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	13.2		16.4		5.9			1.9			89.8		36.7	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%	5 (max point reduction)	10%	
Weighted Factor Value	2.0		3.3		1.5			0.4			9.0	-0.2	3.7	
Project Benefit	19.5													
SMART SCALE Cost	$19,948,505													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**9.8**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

Rte 1/208 Area Multimodal Improvements

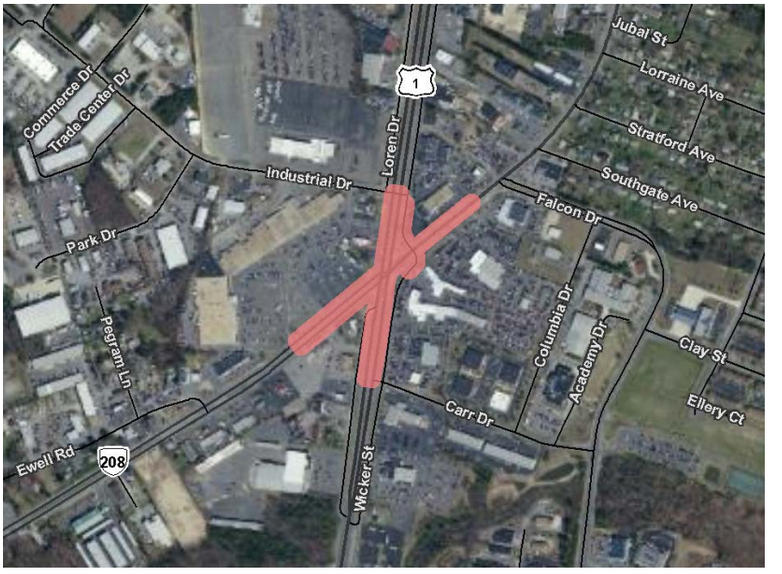
Project Id: 6877

Intersection safety and capacity improvements at Route 1 and 208/Lafayette Blvd including RCUT at Industrial Drive, lengthening of LTLs on NB and SB Rte 1, provision of DLTLs on EB and WB approaches, access management through the elimination of portions of existing service roads, new sidewalks in the immediate vicinity of the Four Mile Fork intersection and the installation of curb and gutter throughout.

11.3 SMART SCALE SCORE			
	#43	OF 397 STATEWIDE	
	#5	OF 35 DISTRICTWIDE	

SMART SCALE Requested Funds	$2,878,281
Total Project Cost	$10,438,281
Project Benefit	3.3
Project Benefit / Total Cost	3.1

Submitting Entity: Spotsylvania County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	55.1 persons	0.7 person hrs.	54.2 EPDO	1,122.8 EPDO / 100M VMT	0.1 jobs per resident	0.2 jobs per resident	82.6 adjusted users	748,586.5 adj sq. ft.	0.0 daily tons	0.0 adj. buffer time index	165.2 adjusted points	13.9 impacted acres	7.9 access * pop/emp density.h	5.3 access * pop/emp density change.
Normalized Measure Value (0-100)	3.0	0.1	8.7	3.1	0.0	0.0	3.4	1.2	0.0	0.0	3.7	1.1	11.9	8.0
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	1.5		7.0		0.7			0.7			3.7		9.9	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%	5 (max point reduction)	10%	
Weighted Factor Value	0.2		1.4		0.2			0.1			0.4	-0.1	1.0	
Project Benefit	3.3													
SMART SCALE Cost	$2,878,281													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**11.3**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

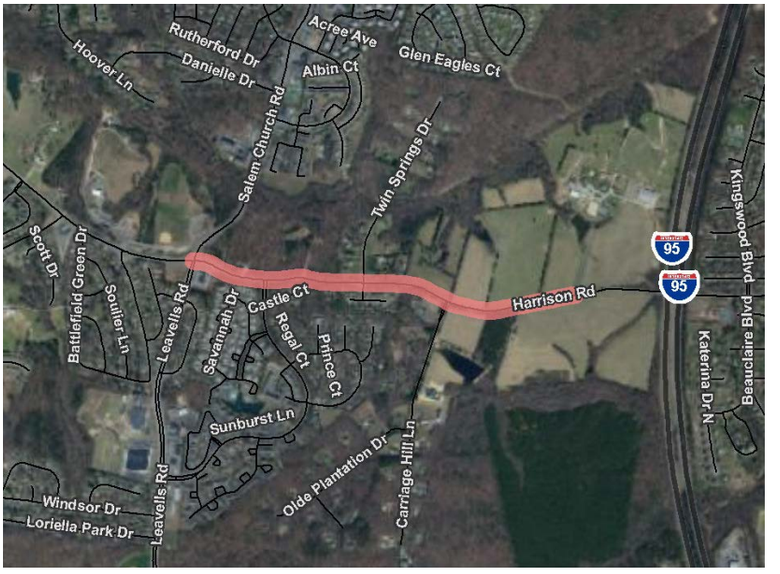
Harrison Road VCR Trail

Project Id: 6922

To help close a gap in the Virginia Central Railway (VCR) Trail between Salem Church Rd and the City VCR trail system. New 10 ft Trail connection would start at existing VCR trailhead west of Salem Church Rd, run down Salem Church Rd across to Harrison Rd (TA & Smart Scale project). Then run along northside of Harrison Rd to Hazelwild Farm entrance and include Right of Way purchase between Hazelwild Farm entrance and VDOT right of way west of I-95 to help support future extension to US Rte 1.

2.6 SMART SCALE SCORE	**#205** OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$7,151,712
		Total Project Cost	$9,401,712
	#18 OF 35 DISTRICTWIDE	**Project Benefit**	1.8
		Project Benefit / Total Cost	1.9

Submitting Entity: Spotsylvania County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: No
VTRANS Need: Regional Network



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	18.5 persons	0.0 person hrs.	15.0 EPDO	455.2 EPDO / 100M VMT	12.5 jobs per resident	12.2 jobs per resident	55.4 adjusted users	150,300.8 adj sq. ft.	0.0 daily tons	0.0 adj. buffer time index	0.0 adjusted points	31.6 impacted acres	11.5 access * pop/emp density.h	4.2 access * pop/emp density change.
Normalized Measure Value (0-100)	1.0	0.0	2.4	1.3	0.7	0.6	2.3	0.2	0.0	0.0	0.0	2.4	17.3	6.3
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	0.5		2.1		1.0			0.1			0.0		11.8	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%	5 (max point reduction)	10%	
Weighted Factor Value	0.1		0.4		0.3			0.0			0.0	-0.1	1.2	
Project Benefit	1.8													
SMART SCALE Cost	$7,151,712													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**2.6**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

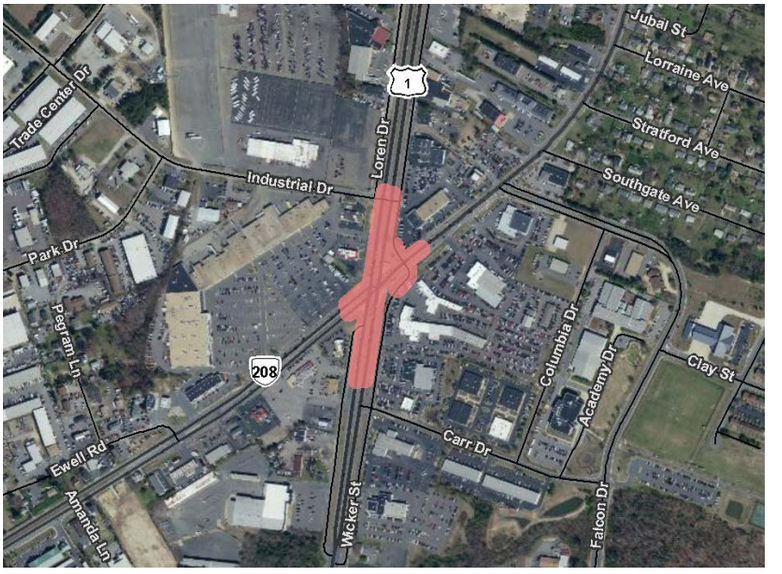
Rte 1/208 Area Multimodal and Revitalization Improvements

Project Id: 7169

Intersection safety and capacity improvements at Route 1 and 208/Lafayette Blvd including lengthening of LTLs on NB and SB Rte 1, provision of DLTLs on EB and WB approaches, access management and new sidewalks. Also includes Route 1 Revitalization which features new sidewalks to fill in gaps along Rte 1 between Market Street and Four Mile Fork and NB Lafayette Blvd to Spotswood Baptist Church. It also includes streetscape improvements.

4.2 SMART SCALE SCORE	**#139** OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$12,211,152
		Total Project Cost	$26,011,152
	#11 OF 35 DISTRICTWIDE	**Project Benefit**	5.1
		Project Benefit / Total Cost	2.0

Submitting Entity: Spotsylvania County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: Yes
VTRANS Need: Regional Network



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	127.0 persons	18.3 person hrs.	60.4 EPDO	498.0 EPDO / 100M VMT	3.9 jobs per resident	3.8 jobs per resident	413.1 adjusted users	1,004,892.1 adj sq. ft.	0.0 daily tons	41,474,212.3 adj. buffer time index	413.1 adjusted points	12.6 impacted acres	7.3 access * pop/emp density.h	5.1 access * pop/emp density change.
Normalized Measure Value (0-100)	6.8	3.0	9.7	1.4	0.2	0.2	17.0	1.6	0.0	0.4	9.3	1.0	11.1	7.7
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	4.9		7.2		3.6			1.0			9.3		9.4	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%	5 (max point reduction)	10%	
Weighted Factor Value	0.7		1.4		0.9			0.2			0.9	0.0	0.9	
Project Benefit	5.1													
SMART SCALE Cost	$12,211,152													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**4.2**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

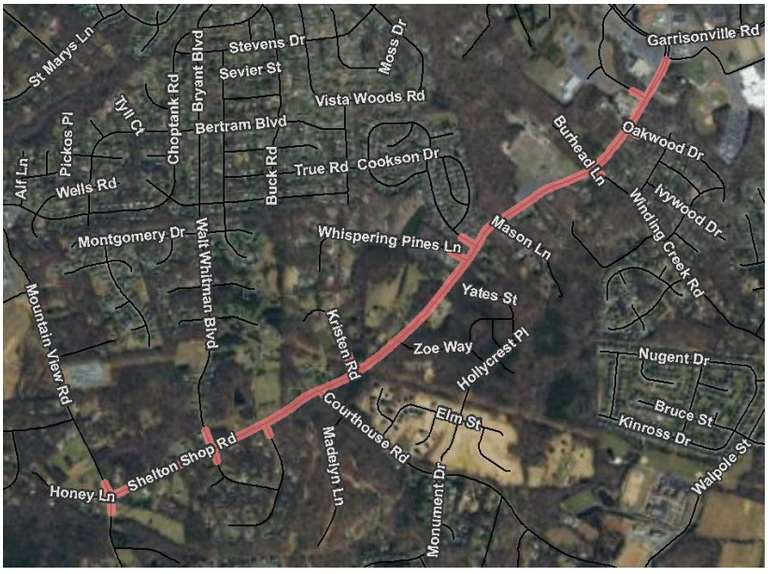
Shelton Shop Road Improvements

Project Id: 6640

Project will widen and reconstruct approx. 1.89 miles of Shelton Shop Road (Rt. 648) to bring the roadway into compliance with current VDOT RRR geometric standards, providing 11' Lanes, 6' Shoulders and a 10-foot shared use path to accommodate bicyclists and pedestrians. The intersections with Winding Creek, Courthouse Road, and Mountain View Road would be converted to roundabouts to increase traffic flow and safety.

2.8 SMART SCALE SCORE	#194 OF 397 STATEWIDE	SMART SCALE Requested Funds	$14,914,355
	#17 OF 35 DISTRICTWIDE	Total Project Cost	$29,828,710
		Project Benefit	4.1
		Project Benefit / Total Cost	1.4

Submitting Entity: Stafford County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: No
VTRANS Need: Regional Network



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	15.0 persons	12.2 person hrs.	76.9 EPDO	1,085.5 EPDO / 100M VMT	23.4 jobs per resident	19.9 jobs per resident	44.9 adjusted users	398,318.7 adj sq. ft.	17,372.4 daily tons	0.0 adj. buffer time index	59.9 adjusted points	3.7 impacted acres	10.9 access * pop/emp density.h	7.7 access * pop/emp density change.
Normalized Measure Value (0-100)	0.8	2.0	12.3	3.0	1.4	1.0	1.8	0.6	1.4	0.0	1.3	0.3	16.5	11.7
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	1.4		9.5		1.4			0.7			1.3		14.1	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%	5 (max point reduction)	10%	
Weighted Factor Value	0.2		1.9		0.3			0.1			0.1	0.0	1.4	
Project Benefit	4.1													
SMART SCALE Cost	$14,914,355													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**2.8**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

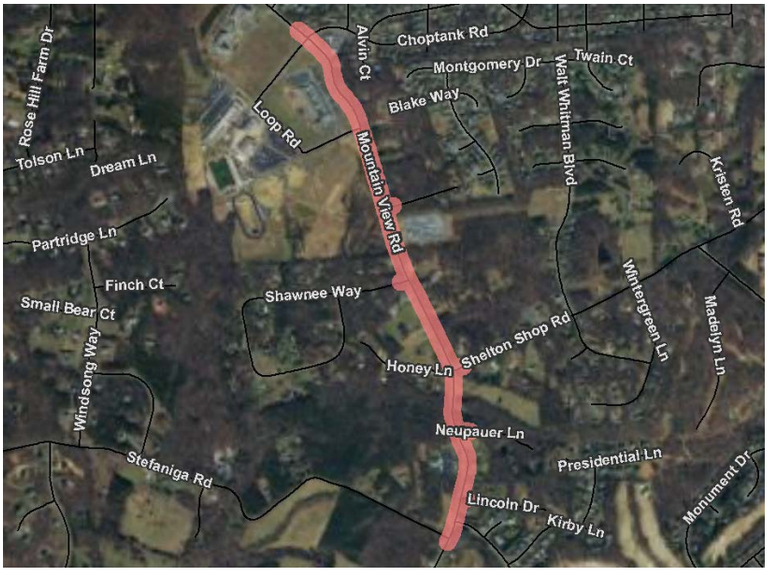
Mountain View Road Improvements (Choptank to Stefaniga)

Project Id: 6839

Improve 1.21 miles of Mountain View Rd from intersection with Choptank Rd (RT 1209) to intersection with Stefaniga Rd (RT 648). Utilize VDOT's 3R Standards to improve roadway geometry and provide 12' travel lanes and 6' paved shoulders for bicyclists and pedestrians. A shared-use path will be constructed between the Choptank and Shelton Shop Road intersections. Realignment of the roadway will be applied in two areas. Signal at Rte 648 will be replaced. Will tie-in with project UPC#115122.

0.4 SMART SCALE SCORE			
	#353 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$24,187,596
		Total Project Cost	$24,187,596
	#30 OF 35 DISTRICTWIDE	**Project Benefit**	1.0
		Project Benefit / Total Cost	0.4

Submitting Entity: Stafford County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: No
VTRANS Need: Regional Network



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	5.3 persons	0.8 person hrs.	0.6 EPDO	226.0 EPDO / 100M VMT	3.7 jobs per resident	2.3 jobs per resident	15.9 adjusted users	0.0 adj sq. ft.	0.0 daily tons	0.0 adj. buffer time index	21.2 adjusted points	2.1 impacted acres	5.8 access * pop/emp density.h	4.4 access * pop/emp density change.
Normalized Measure Value (0-100)	0.3	0.1	0.1	0.6	0.2	0.1	0.7	0.0	0.0	0.0	0.5	0.2	8.8	6.7
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	0.2		0.3		0.3			0.0			0.5		7.7	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%	5 (max point reduction)	10%	
Weighted Factor Value	0.0		0.1		0.1			0.0			0.0	0.0	0.8	
Project Benefit	1.0													
SMART SCALE Cost	$24,187,596													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.4**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

Route 1 and Layhill Road Improvements

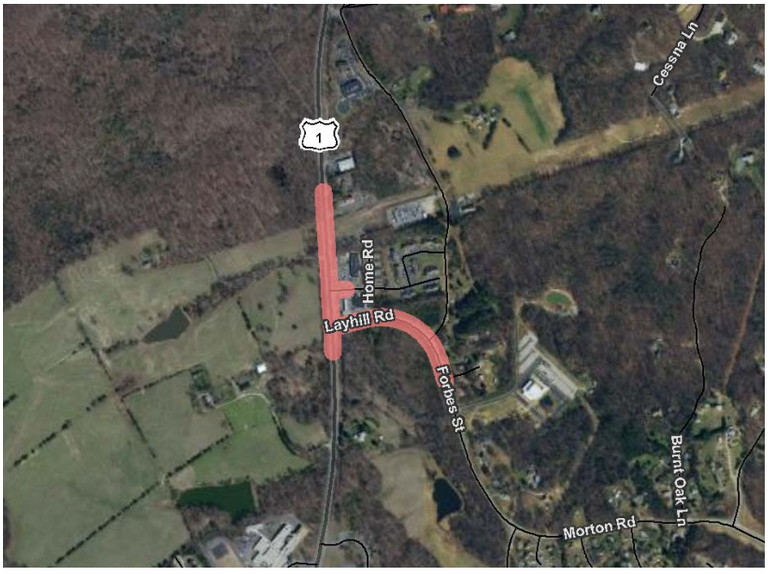
Project Id: 6890

Minor widening of US-1 for turn lane and access management improvements at Layhill Rd and Heritage Commons Dr. Add a right turn lane on Layhill Road at US-1 and a new left turn lane into the gas station/bank on the corner of US-1 & Layhill. New turn lanes at intersection with Forbes Street. New pedestrian sidewalks along US-1 in front of the gas station/bank and along north side of Layhill Rd to Forbes St. Project will construct a covered bus shelter for FRED transit stop along US-1

6.4 SMART SCALE SCORE			
	#99	OF 397 STATEWIDE	
	#10	OF 35 DISTRICTWIDE	

SMART SCALE Requested Funds	$4,057,920
Total Project Cost	$8,115,841
Project Benefit	2.6
Project Benefit / Total Cost	3.2

Submitting Entity: Stafford County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	51.8 persons	0.1 person hrs.	19.8 EPDO	1,649.6 EPDO / 100M VMT	0.1 jobs per resident	0.1 jobs per resident	259.1 adjusted users	48,742.3 adj sq. ft.	5,099.2 daily tons	4,117,996.0 adj. buffer time index	155.4 adjusted points	19.7 impacted acres	6.3 access * pop/emp density.h	4.8 access * pop/emp density change.
Normalized Measure Value (0-100)	2.8	0.0	3.2	4.6	0.0	0.0	10.6	0.1	0.4	0.0	3.5	1.5	9.6	7.2
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	1.4		3.6		2.1			0.1			3.5		8.4	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%	5 (max point reduction)	10%	
Weighted Factor Value	0.2		0.7		0.5			0.0			0.3	-0.1	0.8	
Project Benefit	2.6													
SMART SCALE Cost	$4,057,920													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**6.4**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

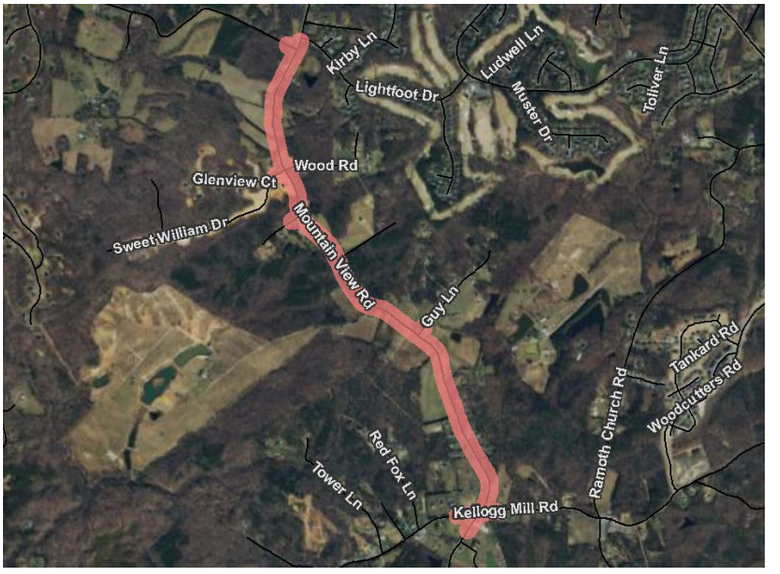
Mountain View Road (Stefaniga to Kellogg Mill)

Project Id: 7040

Project will improve approximately 1.92 miles of Mountain View Road (Rt. 627) from the intersection with Stefaniga Rd (Rt. 648) to the intersection with Kellogg Mill Rd (Rt. 651). Utilize VDOT's RRR Guidelines to improve geometry, provide 12' lanes and 6' paved shoulders for bicyclists and pedestrians. Replace existing, sharp-angled 4-way stop at Kellogg Mill with a roundabout. Project would tie-in with approved SMART Scale project (UPC# 115122) at Stefaniga/Lightfoot Drive intersection.

0.5 SMART SCALE SCORE			
	#342 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$39,156,276
		Total Project Cost	$39,156,276
	#29 OF 35 DISTRICTWIDE	**Project Benefit**	1.9
		Project Benefit / Total Cost	0.5

Submitting Entity: Stafford County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: No
VTRANS Need: Regional Network



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	8.0 persons	6.5 person hrs.	33.8 EPDO	808.9 EPDO / 100M VMT	15.7 jobs per resident	11.5 jobs per resident	23.9 adjusted users	0.0 adj sq. ft.	0.0 daily tons	0.0 adj. buffer time index	31.9 adjusted points	2.8 impacted acres	5.0 access * pop/emp density.h	3.3 access * pop/emp density change.
Normalized Measure Value (0-100)	0.4	1.1	5.4	2.3	0.9	0.6	1.0	0.0	0.0	0.0	0.7	0.2	7.5	5.1
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	0.7		4.5		0.9			0.0			0.7		6.3	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%	5 (max point reduction)	10%	
Weighted Factor Value	0.1		0.9		0.2			0.0			0.1	0.0	0.6	
Project Benefit	1.9													
SMART SCALE Cost	$39,156,276													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.5**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

Intersection improvements at Route 205 and Ferry Landing

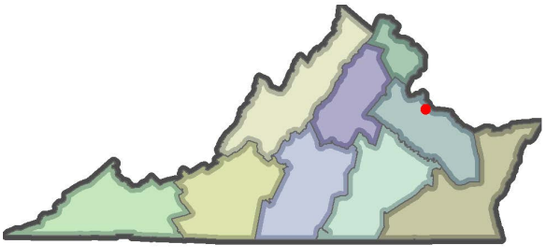
Project Id: 6772

Improvements at the southern intersection of Route 205 (James Monroe Highway) and Route 638 (Ferry Landing). The improvements would consist of both a right-hand turn lane and a left-hand turn lane on Route 205 for traffic turning onto Ferry Landing. An 8' shoulder will accompany the widening on the east side of Rte 205 and along the improved section of Rte 638.

0.2 SMART SCALE SCORE	**#371** OF 397 STATEWIDE
	#32 OF 35 DISTRICTWIDE

SMART SCALE Requested Funds	$4,060,166
Total Project Cost	$4,060,166
Project Benefit	0.1
Project Benefit / Total Cost	0.2

Submitting Entity: Westmoreland County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: DGP
Evacuation Route: No
VTRANS Need: Safety (non-CoSS)



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	0.0 persons	0.0 person hrs.	0.3 EPDO	307.7 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	0.0 adj sq. ft.	0.0 daily tons	0.0 adj. buffer time index	0.0 adjusted points	1.7 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.0		0.3		0.0			0.0			0.0			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		0.1		0.0			0.0			0.0	0.0		
Project Benefit	0.1													
SMART SCALE Cost	$4,060,166													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.2**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

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Commonwealth Transportation Board
Office of Intermodal Planning and Investment
Virginia Department of Transportation
Virginia Department of Rail and Public Transportation

HAMPTON ROADS DISTRICT

FY 2022

SCORECARDS

Commonwealth Transportation Board
Office of Intermodal Planning and Investment
Virginia Department of Transportation
Virginia Department of Rail and Public Transportation

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SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

Display Id	Project Name	Organization	District Rank	State Rank	Page #
6718	Suffolk Express Commuter Bus	Suffolk Transit	1	1	04-46
6678	Centralized Transit Signal Priority	Norfolk City	2	2	04-28
6773	Portsmouth Transit Station	Portsmouth City	3	5	04-36
6972	College Drive Bus Pullout	Suffolk Transit	4	6	04-47
6957	Battlefield Blvd and Johnston Road Intersection Improvements	Chesapeake City	5	14	04-11
7144	New Market Road Turn Lane Improvements	Southampton County	6	19	04-38
6665	N King St Corridor Improvements Segment 5	Hampton City	7	24	04-17
6664	North Campus Pkwy Bicycle & Pedestrian Improvements	Hampton City	8	31	04-16
7005	Western Branch Rails-to-Trails Phase 2	Chesapeake City	9	37	04-12
6690	Holland Road Phase I	Virginia Beach City	10	42	04-50
6692	Independence Blvd/Edwin Drive Intersection Improvements	Virginia Beach City	11	44	04-51
7116	Railroad Crossing Message Signs	Norfolk City	12	46	04-32
6779	Greenwood Park & Ride Lot	Portsmouth City	13	47	04-37
6796	Battlefield Blvd Continuous RTL: Volvo Pkwy to Walmart Way	Chesapeake City	14	67	04-10
7102	Rt 644 (Turner Dr) at Rt 10 (Benns Church Blvd) Turn Lane	Isle of Wight County	15	72	04-20
6696	Northampton Blvd/Diamond Springs Intersection Improvements	Virginia Beach City	16	85	04-52
7178	Camp Parkway CGT	Southampton County	17	87	04-41
7069	Suffolk Seaboard Coastline Trail - Phase IIIA	Suffolk Transit	18	88	04-48
6705	I-64/Denbigh Boulevard Interchange	Newport News City	19	91	04-24
6711	Oyster Point Rd Improvements: Jefferson Ave to Operations Dr	Newport News City	20	110	04-25
6720	Godwin Boulveard Improvements	Suffolk City	21	113	04-42
7006	Airport Rd., Mooretown Rd. and Richmond Rd. Improvements	James City County	22	115	04-23
7174	Southampton High School US 58 Crossover	Southampton County	23	141	04-40
7047	Route 10/32 Diverging Diamond Interchange	Suffolk City	24	147	04-44
7064	Route 17 (Bridge Road) Roadway Widening	Suffolk City	25	149	04-45
7100	Main Street (U.S. Route 258) at Route 10 Bypass	Isle of Wight County	26	152	04-19
7001	Route 17-Route 171 Intersection Improvements	York County	27	159	04-53
7000	Chesapeake Blvd Sidewalk - Little Creek to Fishermans	Norfolk City	28	161	04-30
6688	Laskin Road Phase III	Virginia Beach City	29	173	04-49
6663	Coliseum Drive Extension Phase B	Hampton City	30	177	04-15

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

Display Id	Project Name	Organization	District Rank	State Rank	Page #
6795	NB RT 168/RT 17 TO WB I-64 RAMP IMPROVEMENTS	Chesapeake City	31	179	04-09
6913	Rte 58 Improvements - Longstreet Lane to Holland Bypass	Suffolk City	32	198	04-43
7112	Route 179-Market Street Road Diet	Accomack County	33	200	04-02
6965	Virginia Beach Blvd Improvements: Kempsville Rd to George St	Norfolk City	34	215	04-29
6716	Complete Streets 16th St: Marshall Ave to Peterson's Yacht	Newport News City	35	226	04-27
6881	Pocahontas Trail (Rt 60) Improvements - Segments C & D	James City County	36	235	04-22
7146	Town of Cape Charles Rail to Trail	Accomack-Northampton Planning District Commission	37	246	04-05
7104	US Rt 17 Right Turn Lane Extension @ Rt 669 (Smiths Neck Rd)	Isle of Wight County	38	256	04-21
7090	460/58/13 Safety Improvements	Chesapeake City	39	258	04-13
6725	George Washington Highway Widening	Chesapeake City	40	265	04-08
7086	Virginia Beach Blvd/Kempsville Rd Intersection Improvements	Norfolk City	41	268	04-31
6802	Nassawadox Route 13 Improvements	Northampton County	42	292	04-34
7172	US 58 Courtland Additional Left-Turn Lanes	Southampton County	43	294	04-39
6715	Warwick Blvd Improvements: Fort Eustis Blvd to Enterprise Dr	Newport News City	44	300	04-26
6834	I-64/I-264 Interchange - Phase 3-i	Hampton Roads Transportation Planning Organization	45	309	04-18
7188	Pedestrian Accommodation across US 58 at Purdy RD	Emporia City	46	333	04-14
7181	Onley to Accomac Route 13 Crossover Improvements	Accomack County	47	336	04-03
7036	Route 175 Improvements: 3-Lane Undivided Highway	Accomack County	48	347	04-01
7148	Town of Onley Rail to Trail	Accomack-Northampton Planning District Commission	49	359	04-07
6855	Exmore Route 13 Improvements	Accomack-Northampton Planning District Commission	50	388	04-04
7147	Accomack County Rail to Trail	Accomack-Northampton Planning District Commission	50	388	04-06
7158	Realignment of Bayside Road and Wilsonia Neck Drive	Northampton County	50	388	04-35
6798	Cape Charles to Cheriton Route 13 Improvements	Northampton County	50	388	04-33

SMART SCALE — Funding the Right Transportation Projects in Virginia

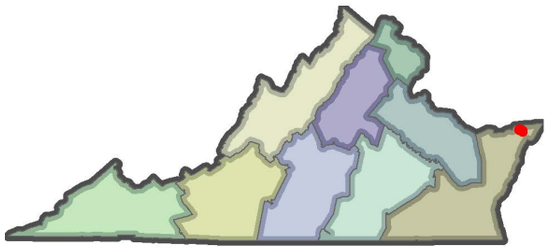
PROJECT SCORECARD

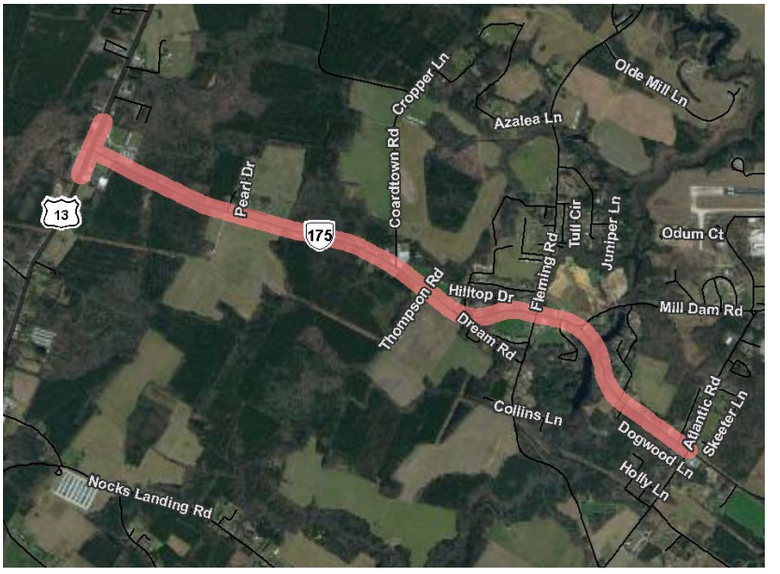
Route 175 Improvements: 3-Lane Undivided Highway — Project Id: 7036

Widen Route 175 from 2 travel lanes (22 feet) to 2 travel lanes and one center turn lane with 8' paved shoulders in both directions (52 feet). Project improvement area is 3.5 miles between US Route 13 and State Route 798. Project also includes construction of second southbound left-turn lane and traffic signal replacement at the intersection of US Route 13 and Route 175.

0.4 SMART SCALE SCORE	**#347** OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$63,310,535
		Total Project Cost	$63,310,535
	#48 OF 53 DISTRICTWIDE	**Project Benefit**	2.8
		Project Benefit / Total Cost	0.4

Submitting Entity: Accomack County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: DGP
Evacuation Route: Yes
VTRANS Need: Safety (non-CoSS)





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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	0.0 persons	2.9 person hrs.	74.8 EPDO	639.7 EPDO / 100M VMT	6.4 jobs per resident	3.8 jobs per resident	0.0 adjusted users	817,328.6 adj sq. ft.	0.0 daily tons	38,397,949.8 adj. buffer time index	0.0 adjusted points	63.2 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.5	12.0	1.8	0.4	0.2	0.0	1.3	0.0	0.4	0.0	4.9		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.2		8.9		0.3			0.9			0.0			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		2.7		0.0			0.3			0.0	-0.2		
Project Benefit	2.8													
SMART SCALE Cost	$63,310,535													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.4**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

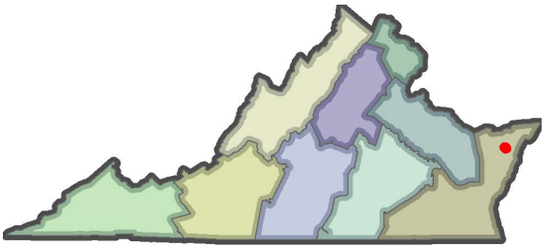
Route 179-Market Street Road Diet

Project Id: 7112

Re-stripe State Route 179-Market Street to reduce travel lanes from 4 lanes to 2 lanes with center turn lane. New roadway configuration includes two 5' bicycle lanes with 2' buffers; two 11' travel lanes; and one 12' center turn lane. Project area is 1.5 miles between State Route 718 (Hill Street) and Shore Parkway (just west of US Route 13).

2.7 SMART SCALE SCORE			
	#200 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$1,728,540
		Total Project Cost	$1,728,540
	#33 OF 53 DISTRICTWIDE	**Project Benefit**	0.5
		Project Benefit / Total Cost	2.7

Submitting Entity: Accomack County
Preliminary Engineering: Not Started
Right of Way: Not Needed
Construction: Not Started
Eligible Fund Program: DGP
Evacuation Route: No
VTRANS Need: Safety (non-CoSS)



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	2.0 persons	0.0 person hrs.	4.5 EPDO	154.9 EPDO / 100M VMT	26.2 jobs per resident	20.6 jobs per resident	3.0 adjusted users	386,437.2 adj sq. ft.	0.0 daily tons	0.0 adj. buffer time index	0.0 adjusted points	9.4 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.1	0.0	0.7	0.4	1.5	1.0	0.1	0.6	0.0	0.0	0.0	0.7		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.1		0.6		1.1			0.4			0.0			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		0.2		0.2			0.1			0.0	0.0		
Project Benefit	0.5													
SMART SCALE Cost	$1,728,540													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**2.7**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

Onley to Accomac Route 13 Crossover Improvements

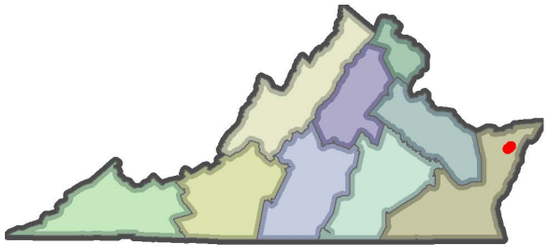
Project Id: 7181

This project includes eleven crossover improvement sites along the Route 13 corridor in the Onley and Accomac town limits between Mile Marker 112 and Mile Marker 117.02. One crossover site will add a left-turn lane. Seven crossover sites will lengthen left-turn lanes. Two crossover sites will add and lengthen left-turn lanes. One crossover closure. All improvements will comply with state standard requirements involving left-turn lanes being 200 feet full width by 200 feet taper length

0.6 SMART SCALE SCORE	**#336** OF 397 STATEWIDE
	#47 OF 53 DISTRICTWIDE

SMART SCALE Requested Funds	$2,760,664
Total Project Cost	$2,760,664
Project Benefit	0.2
Project Benefit / Total Cost	0.6

Submitting Entity: Accomack County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	0.0 persons	0.0 person hrs.	6.7 EPDO	103.2 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	0.0 adj sq. ft.	0.0 daily tons	22,428,393.3 adj. buffer time index	0.0 adjusted points	26.5 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	1.1	0.3	0.0	0.0	0.0	0.0	0.0	0.2	0.0	2.1		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.0		0.8		0.0			0.0			0.0			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		0.3		0.0			0.0			0.0	-0.1		
Project Benefit	0.2													
SMART SCALE Cost	$2,760,664													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.6**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

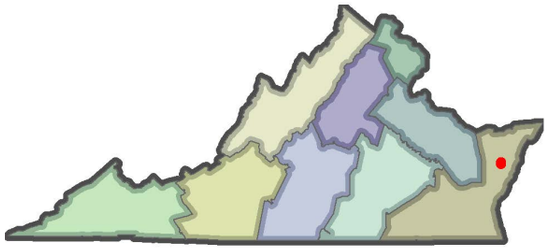
Exmore Route 13 Improvements

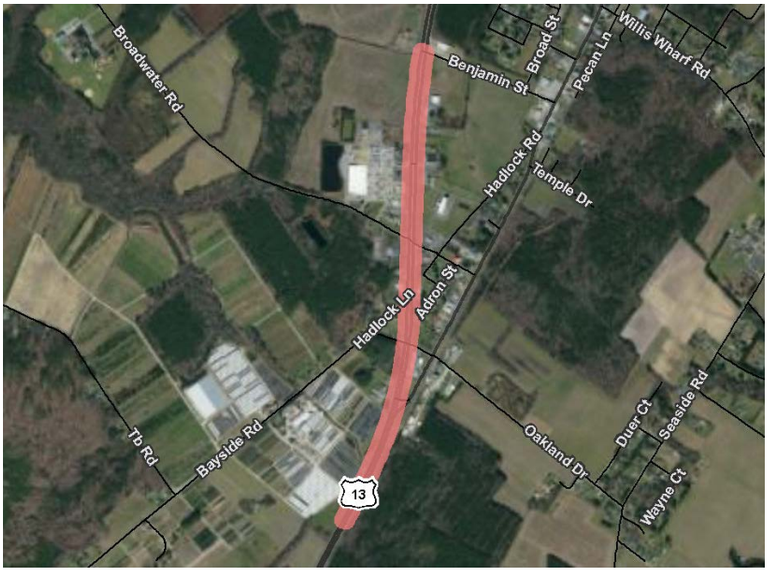
Project Id: 6855

This project includes three crossover improvement sites along the Route 13 corridor in theTown of Exmore between Mile Marker 98.05 and Marker Marker 98.72. One crossover site adds a left-turn lane and lengthens left-turn lanes. Two crossover sites lengthen left-turn lanes. All improvements will comply with state standard requirements involving left-turn lanes being 200 feet full width by 200 feet taper length

0.0 SMART SCALE SCORE	**#390** OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$1,401,329
		Total Project Cost	$1,401,329
	#52 OF 53 DISTRICTWIDE	**Project Benefit**	0.0
		Project Benefit / Total Cost	0.0

Submitting Entity: Accomack-Northampton Planning District Commission
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: HPP
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance





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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	0.0 persons	0.0 person hrs.	1.7 EPDO	98.7 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	0.0 adj sq. ft.	0.0 daily tons	2,026,840.3 adj. buffer time index	0.0 adjusted points	22.0 impacted acres	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	1.7		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.0		0.3		0.0			0.0			0.0			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		0.1		0.0			0.0			0.0	-0.1		
Project Benefit	0.0													
SMART SCALE Cost	$1,401,329													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.0**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

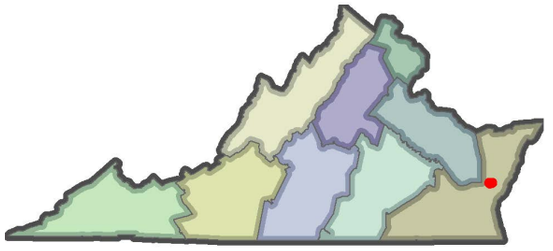
Town of Cape Charles Rail to Trail

Project Id: 7146

Design and construction of a shared-use path through the Town of Cape Charles to U.S. Route 13 along the abandoned former Bay Coast Railroad right of way. Project extends approximately 3.1 miles.

1.9 SMART SCALE SCORE			
	#246 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$5,679,634
		Total Project Cost	$5,679,634
	#37 OF 53 DISTRICTWIDE	**Project Benefit**	1.1
		Project Benefit / Total Cost	1.9

Submitting Entity: Accomack-Northampton Planning District Commission
Preliminary Engineering: Not Started
Right of Way: Not Needed
Construction: Not Started
Eligible Fund Program: HPP
Evacuation Route: No
VTRANS Need: Corridor of Statewide Significance



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	23.5 persons	0.4 person hrs.	16.3 EPDO	3.5 EPDO / 100M VMT	10.0 jobs per resident	10.4 jobs per resident	117.4 adjusted users	0.0 adj sq. ft.	0.0 daily tons	729,472,716.6 adj. buffer time index	140.9 adjusted points	132.6 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	1.3	0.1	2.6	0.0	0.6	0.5	4.8	0.0	0.0	6.8	3.2	10.3		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.7		1.8		1.4			1.4			3.2			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.1		0.5		0.2			0.5			0.3	-0.5		
Project Benefit	1.1													
SMART SCALE Cost	$5,679,634													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.9**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

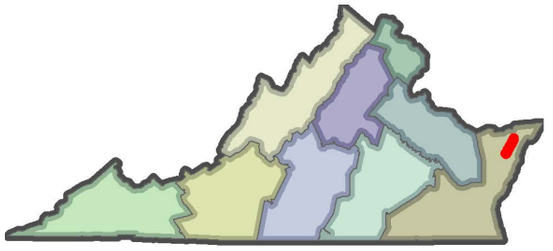
Accomack County Rail to Trail

Project Id: 7147

Design and construction of a shared-use path to connect Towns and destinations throughout Accomack County along the former Bay Coast Railroad Right of Way. The proposed project is approximately 15.5 miles in length.

0.0 SMART SCALE SCORE			
	#395 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$22,450,670
		Total Project Cost	$22,450,670
	#51 OF 53 DISTRICTWIDE	**Project Benefit**	0.0
		Project Benefit / Total Cost	0.0

Submitting Entity: Accomack-Northampton Planning District Commission
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: HPP
Evacuation Route: No
VTRANS Need: Corridor of Statewide Significance



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	30.3 persons	0.0 person hrs.	0.0 EPDO	0.0 EPDO / 100M VMT	22.1 jobs per resident	21.2 jobs per resident	121.3 adjusted users	0.0 adj sq. ft.	0.0 daily tons	0.0 adj. buffer time index	0.0 adjusted points	177.0 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	1.6	0.0	0.0	0.0	1.3	1.1	5.0	0.0	0.0	0.0	0.0	13.7		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.8		0.0		2.0			0.0			0.0			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.1		0.0		0.3			0.0			0.0	-0.7		
Project Benefit	0.0													
SMART SCALE Cost	$22,450,670													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.0**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

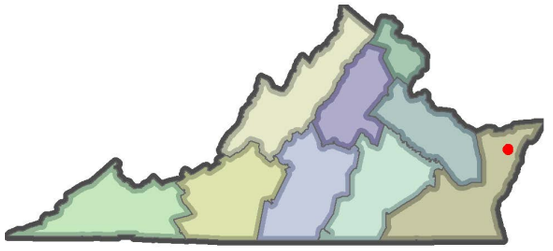
Town of Onley Rail to Trail

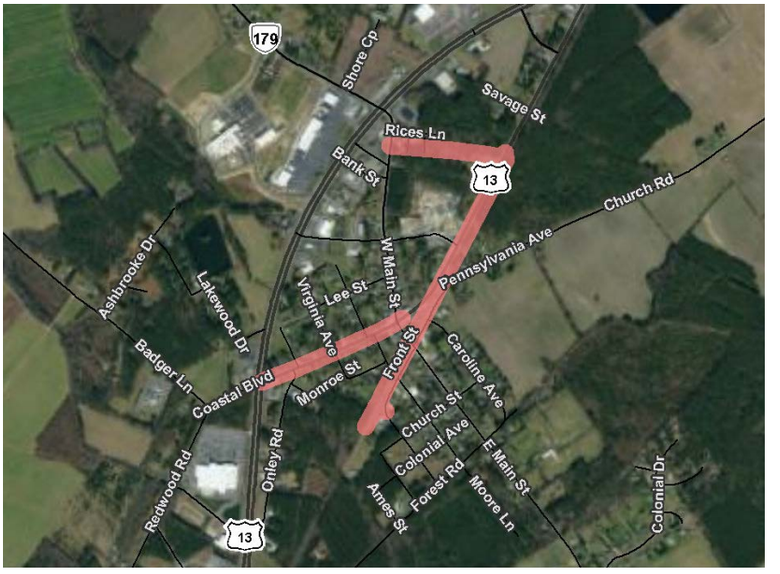
Project Id: 7148

Design and construction of a shared-use path through the Town of Onley along the abandoned former Bay Coast Railroad Right of Way. Project extends approximately 1.5 miles from Madison Avenue to Savage Street.

0.3 SMART SCALE SCORE	#359 OF 397 STATEWIDE	SMART SCALE Requested Funds	$4,226,950
		Total Project Cost	$4,226,950
	#49 OF 53 DISTRICTWIDE	Project Benefit	0.1
		Project Benefit / Total Cost	0.3

Submitting Entity: Accomack-Northampton Planning District Commission
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: HPP
Evacuation Route: No
VTRANS Need: Corridor of Statewide Significance





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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	22.1 persons	0.0 person hrs.	0.0 EPDO	0.0 EPDO / 100M VMT	4.0 jobs per resident	3.6 jobs per resident	88.5 adjusted users	0.0 adj sq. ft.	0.0 daily tons	0.0 adj. buffer time index	0.0 adjusted points	12.6 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	1.2	0.0	0.0	0.0	0.2	0.2	3.6	0.0	0.0	0.0	0.0	1.0		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.6		0.0		0.9			0.0			0.0			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.1		0.0		0.1			0.0			0.0	0.0		
Project Benefit	0.1													
SMART SCALE Cost	$4,226,950													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.3**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

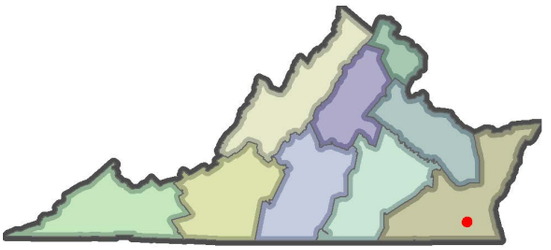
George Washington Highway Widening

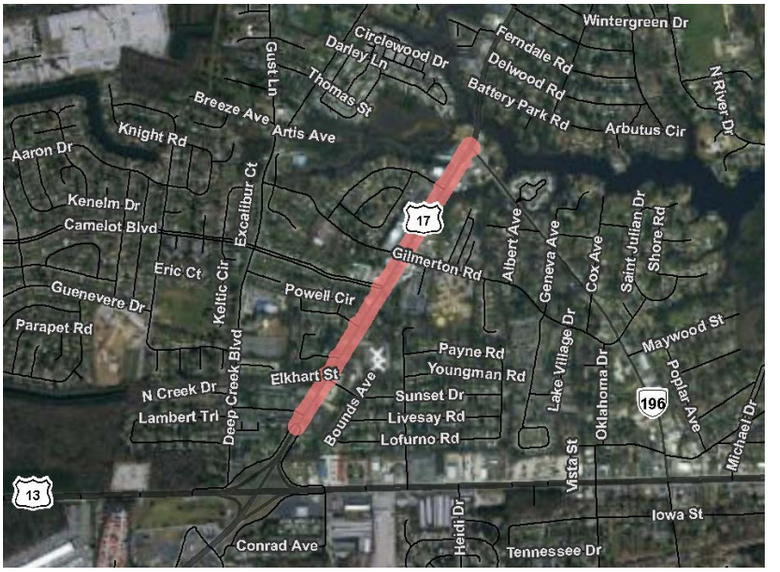
Project Id: 6725

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.

1.5 SMART SCALE SCORE	**#265** OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$26,854,124
		Total Project Cost	$38,154,124
	#40 OF 53 DISTRICTWIDE	**Project Benefit**	4.1
		Project Benefit / Total Cost	1.1

Submitting Entity: Chesapeake City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance





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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	18.6 persons	9.1 person hrs.	56.7 EPDO	1,061.8 EPDO / 100M VMT	38.9 jobs per resident	46.1 jobs per resident	74.5 adjusted users	973,808.9 adj sq. ft.	15,868.9 daily tons	22,718,131.3 adj. buffer time index	74.5 adjusted points	11.4 impacted acres	10.8 access * pop/emp density.h	6.6 access * pop/emp density change.
Normalized Measure Value (0-100)	1.0	1.5	9.1	3.0	2.3	2.3	3.1	1.6	1.2	0.2	1.7	0.9	16.3	10.1
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	1.2		7.3		2.4			1.2			1.7		13.2	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%	5 (max point reduction)	20%	
Weighted Factor Value	0.6		0.4		0.4			0.1			0.2	0.0	2.6	
Project Benefit	4.1													
SMART SCALE Cost	$26,854,124													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.5**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

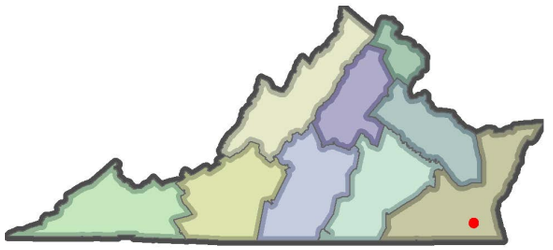
NB RT 168/RT 17 TO WB I-64 RAMP IMPROVEMENTS

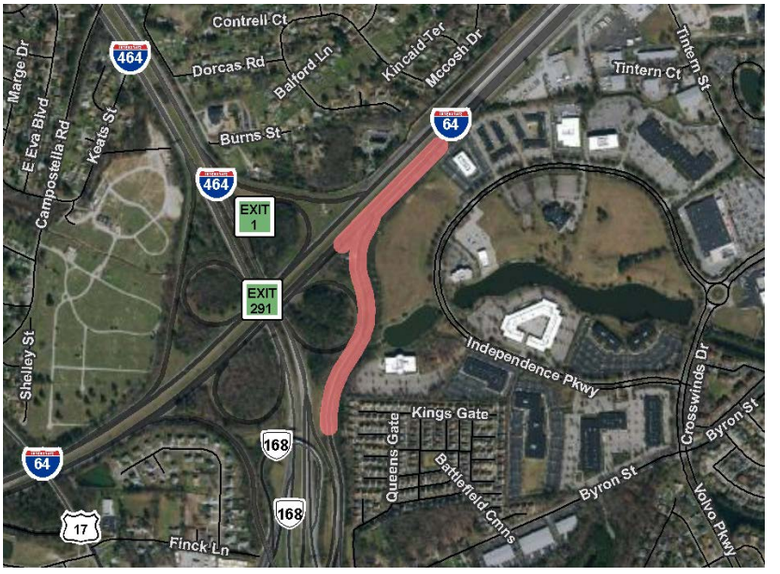
Project Id: 6795

This project includes an additional lane on the ramp from NB Route 168 / Rt 17 onto I-64 WB (towards Virginia Beach). The existing ramp consists of three lanes that merge down to a single lane prior to the merge onto the I-64 WB Collector-Distributor roadway. This project will provide additional ramp capacity by extending the outside lane to provide two ramp lanes that merge directly onto the I-64 WB Collector-Distributor roadway.

3.2 SMART SCALE SCORE			
	#179 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$8,096,052
		Total Project Cost	$8,096,052
	#31 OF 53 DISTRICTWIDE	**Project Benefit**	2.6
		Project Benefit / Total Cost	3.2

Submitting Entity: Chesapeake City
Preliminary Engineering: Not Started
Right of Way: Not Needed
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: Yes
VTRANS Need: Regional Network





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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	0.0 persons	0.1 person hrs.	0.2 EPDO	0.0 EPDO / 100M VMT	0.4 jobs per resident	0.4 jobs per resident	0.0 adjusted users	22,614.2 adj sq. ft.	9,108.7 daily tons	-48,487.3 adj. buffer time index	0.0 adjusted points	31.0 impacted acres	9.6 access * pop/emp density.h	8.3 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	0.7	0.0	0.0	2.4	14.5	12.6
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	0.0		0.0		0.0			0.2			0.0		13.5	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%	5 (max point reduction)	20%	
Weighted Factor Value	0.0		0.0		0.0			0.0			0.0	-0.1	2.7	
Project Benefit	2.6													
SMART SCALE Cost	$8,096,052													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**3.2**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

Battlefield Blvd Continuous RTL: Volvo Pkwy to Walmart Way

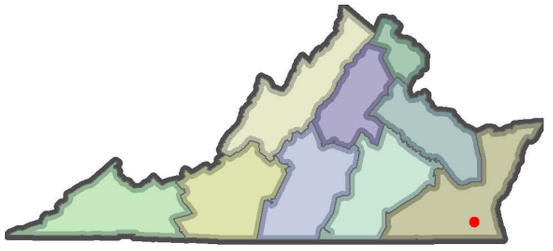
Project Id: 6796

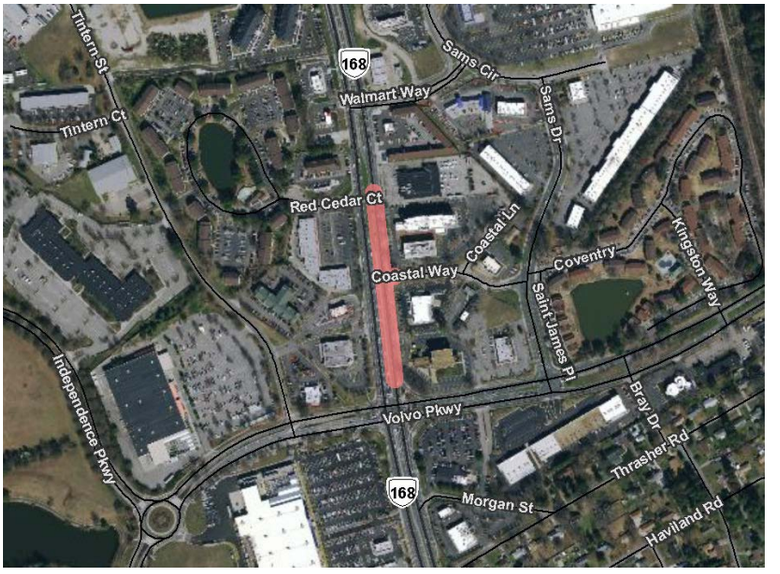
This project will convert the existing right turn lane on Battlefield Blvd at Coastal Way to a through lane. A new right turn lane will be added at Coastal Way. This new through lane will continue north and tie into an existing lane 270' to the north. This project will connect to the Battlefield/Volvo project that was selected in the previous round of SmartScale.

9.2 SMART SCALE SCORE			
	#67	OF 397 STATEWIDE	
	#14	OF 53 DISTRICTWIDE	

SMART SCALE Requested Funds	$2,836,382
Total Project Cost	$2,836,382
Project Benefit	2.6
Project Benefit / Total Cost	9.2

Submitting Entity: Chesapeake City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: No
VTRANS Need: Regional Network





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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	0.0 persons	0.2 person hrs.	7.4 EPDO	465.1 EPDO / 100M VMT	0.5 jobs per resident	0.6 jobs per resident	0.0 adjusted users	398,822.2 adj sq. ft.	0.0 daily tons	8,113,683.8 adj. buffer time index	0.0 adjusted points	18.8 impacted acres	9.3 access * pop/emp density.h	7.9 access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	1.2	1.3	0.0	0.0	0.0	0.6	0.0	0.1	0.0	1.5	14.0	12.0
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	0.0		1.2		0.0			0.4			0.0		13.0	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%	5 (max point reduction)	20%	
Weighted Factor Value	0.0		0.1		0.0			0.0			0.0	-0.1	2.6	
Project Benefit	2.6													
SMART SCALE Cost	$2,836,382													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**9.2**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

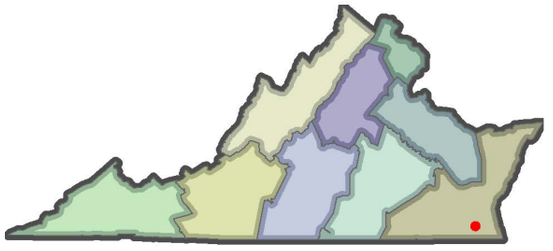
Battlefield Blvd and Johnston Road Intersection Improvements

Project Id: 6957

This project adds capacity to the intersection of Battlefield Blvd at Johnstown Rd/Mt. Pleasant Rd through lane additions, modified signal phasing, and an innovative design concept at the adjacent intersection. Lane additions include an eastbound right turn bay and westbound left turn bay, and modified lane assignments to remove the split-phasing at the signal. The project includes an innovative unsignalized continuous green T concept at the intersection of Mt. Pleasant Rd and Woodford Drive.

20.8 SMART SCALE SCORE	**#14** OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$2,197,706
		Total Project Cost	$3,247,706
	#5 OF 53 DISTRICTWIDE	**Project Benefit**	4.6
		Project Benefit / Total Cost	14.1

Submitting Entity: Chesapeake City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: No
VTRANS Need: Regional Network



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	0.0 persons	62.7 person hrs.	24.7 EPDO	1,448.2 EPDO / 100M VMT	19.2 jobs per resident	11.1 jobs per resident	0.0 adjusted users	38,579.7 adj sq. ft.	0.0 daily tons	16,350,251.9 adj. buffer time index	0.0 adjusted points	6.1 impacted acres	10.4 access * pop/emp density.h	2.6 access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	10.3	4.0	4.1	1.1	0.6	0.0	0.1	0.0	0.2	0.0	0.5	15.6	4.0
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	5.1		4.0		0.8			0.1			0.0		9.8	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%	5 (max point reduction)	20%	
Weighted Factor Value	2.3		0.2		0.1			0.0			0.0	0.0	2.0	
Project Benefit	4.6													
SMART SCALE Cost	$2,197,706													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**20.8**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

Western Branch Rails-to-Trails Phase 2

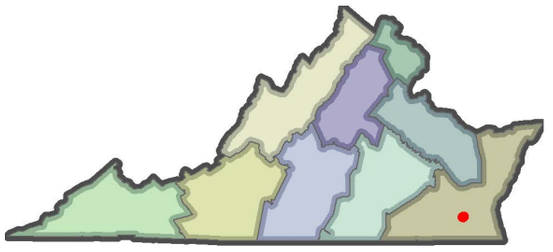
Project Id: 7005

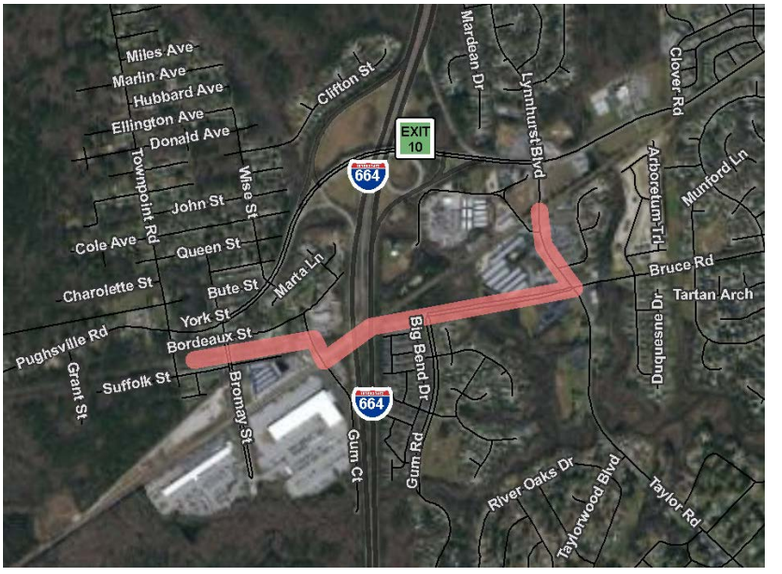
This project will provide a 10' multi-use path from the City of Chesapeake City line (connecting to existing trail in Suffolk) to the end of the Phase 1 trail at Taylor Road. The overall project will rebuild the rail crossing at Gum Court and provide a crossing under I-664.

12.1 SMART SCALE SCORE			
	#37	OF 397 STATEWIDE	
	#9	OF 53 DISTRICTWIDE	

SMART SCALE Requested Funds	$2,575,728
Total Project Cost	$2,575,728
Project Benefit	3.1
Project Benefit / Total Cost	12.1

Submitting Entity: Chesapeake City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: No
VTRANS Need: Regional Network





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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	34.3 persons	0.0 person hrs.	0.0 EPDO	0.0 EPDO / 100M VMT	3.7 jobs per resident	2.8 jobs per resident	103.0 adjusted users	86,075.6 adj sq. ft.	0.0 daily tons	0.0 adj. buffer time index	0.0 adjusted points	3.7 impacted acres	10.3 access * pop/emp density.h	6.6 access * pop/emp density change.
Normalized Measure Value (0-100)	1.8	0.0	0.0	0.0	0.2	0.1	4.2	0.1	0.0	0.0	0.0	0.3	15.6	10.0
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	0.9		0.0		1.0			0.1			0.0		12.8	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%	5 (max point reduction)	20%	
Weighted Factor Value	0.4		0.0		0.2			0.0			0.0	0.0	2.6	
Project Benefit	3.1													
SMART SCALE Cost	$2,575,728													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**12.1**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

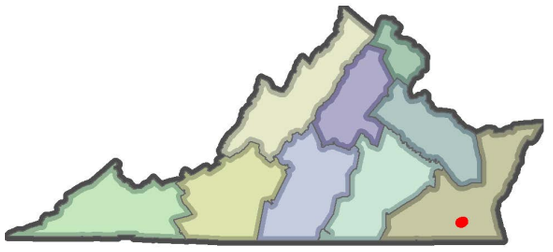
460/58/13 Safety Improvements

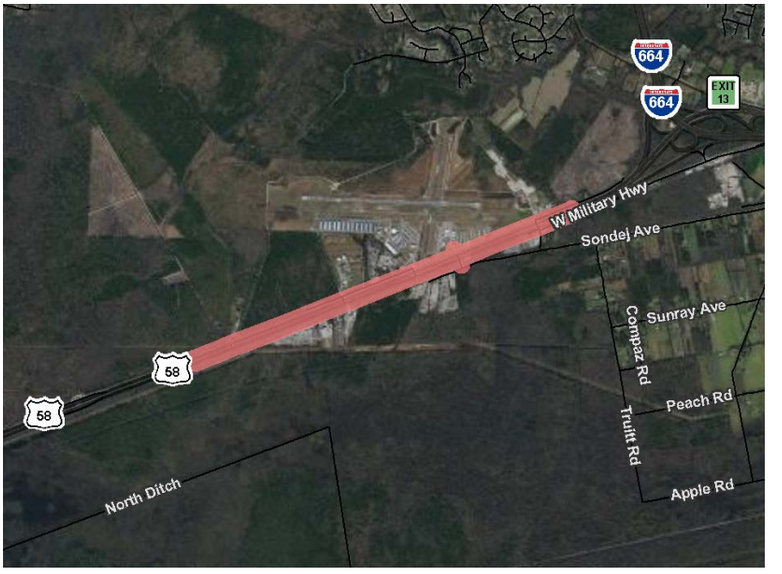
Project Id: 7090

This project is improving the median cross-overs and implementing access management along 460/58/13 to improve safety within this corridor. This project will install a series of Restricted Crossing U-Turn (RCUT) intersections. This system of RCUTs will address a systemic safety problem in this corridor while maintaining access to key properties.

1.7 SMART SCALE SCORE			
	#258 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$18,658,993
		Total Project Cost	$18,658,993
	#39 OF 53 DISTRICTWIDE	**Project Benefit**	3.1
		Project Benefit / Total Cost	1.7

Submitting Entity: Chesapeake City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance





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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	37.9 persons	38.2 person hrs.	185.3 EPDO	1,115.3 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	1,701,690.1 adj sq. ft.	0.0 daily tons	0.0 adj. buffer time index	0.0 adjusted points	75.9 impacted acres	1.0 access * pop/emp density.h	1.2 access * pop/emp density change.
Normalized Measure Value (0-100)	2.0	6.3	29.7	3.1	0.0	0.0	0.0	2.7	0.0	0.0	0.0	5.9	1.5	1.9
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	4.1		21.7		0.0			1.6			0.0		1.7	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%	5 (max point reduction)	20%	
Weighted Factor Value	1.9		1.1		0.0			0.1			0.0	-0.3	0.3	
Project Benefit	3.1													
SMART SCALE Cost	$18,658,993													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.7**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

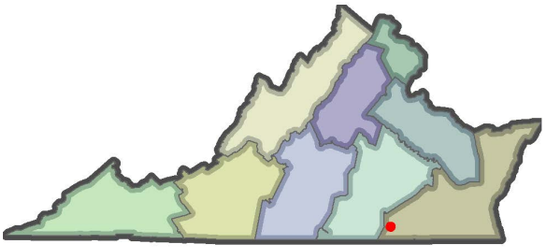
PROJECT SCORECARD

Pedestrian Accommodation across US 58 at Purdy RD — Project Id: 7188

Install pedestrian accommodation at the intersection of US 58 and Purdy Rd

0.6 SMART SCALE SCORE			
	#333 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$1,345,485
		Total Project Cost	$1,345,485
	#46 OF 53 DISTRICTWIDE	**Project Benefit**	0.1
		Project Benefit / Total Cost	0.6

Submitting Entity: Emporia City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	2.2 persons	0.0 person hrs.	1.2 EPDO	143.8 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	3.3 adjusted users	0.0 adj sq. ft.	0.0 daily tons	0.0 adj. buffer time index	0.0 adjusted points	1.7 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.1	0.0	0.2	0.4	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.1		0.3		0.0			0.0			0.0			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		0.1		0.0			0.0			0.0	0.0		
Project Benefit	0.1													
SMART SCALE Cost	$1,345,485													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.6**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

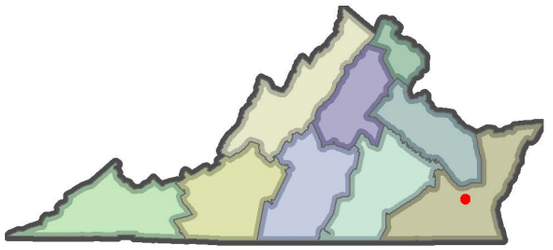
Coliseum Drive Extension Phase B

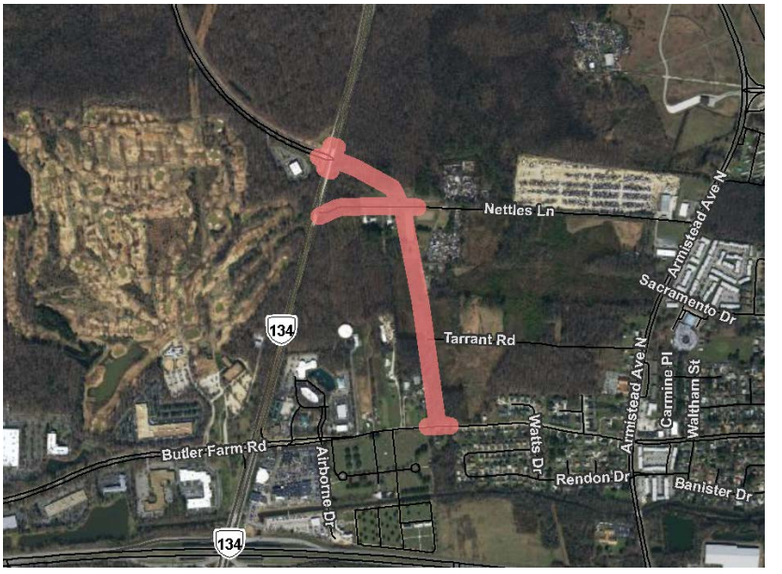
Project Id: 6663

This project continues the northern extension of Coliseum Dr by building a new 4-lane divided roadway from Butler Farm Rd to Magruder Blvd (Phase B) in response to Langley's proposed gate relocation and closure of a portion of Armistead Ave. The project includes a shared-use path, drainage and SWM accommodations, street lighting, and proposed traffic control measures at intersections along the roadway. The western end of Nettles Ln will be disconnected from Magruder Blvd. with a cul-de-sac.

3.2 SMART SCALE SCORE			
	#177 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$30,059,990
		Total Project Cost	$30,059,990
	#30 OF 53 DISTRICTWIDE	**Project Benefit**	9.7
		Project Benefit / Total Cost	3.2

Submitting Entity: Hampton City
Preliminary Engineering: Underway
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: No
VTRANS Need: Regional Network





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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	298.2 persons	78.7 person hrs.	36.8 EPDO	108.1 EPDO / 100M VMT	19.0 jobs per resident	19.3 jobs per resident	7.3 adjusted users	3,329,647.6 adj sq. ft.	252.7 daily tons	15,161,375.9 adj. buffer time index	9.7 adjusted points	61.6 impacted acres	11.7 access * pop/emp density.h	7.6 access * pop/emp density change.
Normalized Measure Value (0-100)	16.0	12.9	5.9	0.3	1.1	1.0	0.3	5.3	0.0	0.1	0.2	4.8	17.8	11.5
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	14.5		4.2		0.9			3.2			0.2		14.6	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%	5 (max point reduction)	20%	
Weighted Factor Value	6.5		0.2		0.1			0.2			0.0	-0.2	2.9	
Project Benefit	9.7													
SMART SCALE Cost	$30,059,990													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**3.2**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

North Campus Pkwy Bicycle & Pedestrian Improvements

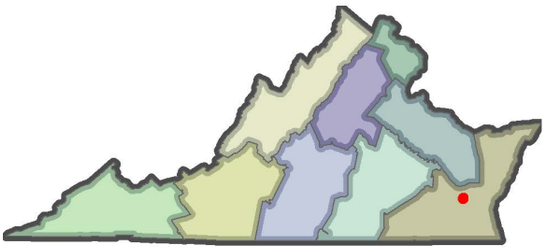
Project Id: 6664

This project will install a shared-use path along N Campus Pkwy, between Magruder Blvd and Commander Shepard Blvd, and will install missing sidewalk sections along N Campus Pkwy and Floyd Thompson Dr, between Commander Shepard Blvd and Magruder Blvd. The improvements will provide connectivity and ADA accessibility between the bus stop along Magruder Blvd, the Commander Shepard corridor, the Matteson Trail, and eventually to the Coliseum Central area via the proposed Coliseum Dr Extension.

12.7 SMART SCALE SCORE			
	#31	OF 397 STATEWIDE	
	#8	OF 53 DISTRICTWIDE	

SMART SCALE Requested Funds	$3,166,096
Total Project Cost	$3,166,096
Project Benefit	4.0
Project Benefit / Total Cost	12.7

Submitting Entity: Hampton City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: No
VTRANS Need: Regional Network



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	61.7 persons	0.0 person hrs.	16.5 EPDO	1,555.2 EPDO / 100M VMT	31.1 jobs per resident	31.6 jobs per resident	185.2 adjusted users	1,347,204.5 adj sq. ft.	0.0 daily tons	0.0 adj. buffer time index	0.0 adjusted points	36.1 impacted acres	11.0 access * pop/emp density.h	7.3 access * pop/emp density change.
Normalized Measure Value (0-100)	3.3	0.0	2.6	4.4	1.8	1.6	7.6	2.2	0.0	0.0	0.0	2.8	16.6	11.0
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	1.7		3.2		2.9			1.3			0.0		13.8	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%	5 (max point reduction)	20%	
Weighted Factor Value	0.7		0.2		0.4			0.1			0.0	-0.1	2.8	
Project Benefit	4.0													
SMART SCALE Cost	$3,166,096													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**12.7**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

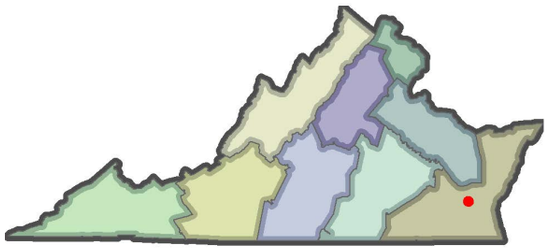
N King St Corridor Improvements Segment 5

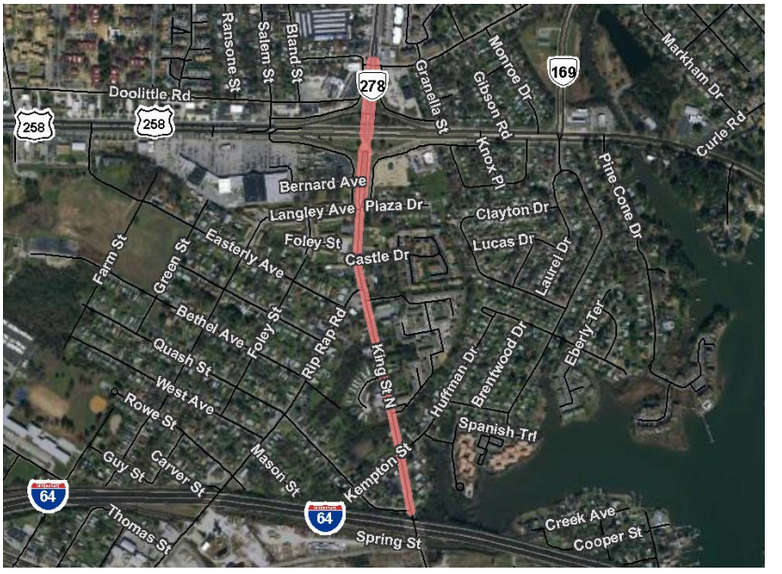
Project Id: 6665

This project will install a shared-use path along the east side of N King St, between Quash St and Old Fox Hill Rd, to provide ADA accommodations at existing bus stops and construct the last segment of a continuous shared-use path between Downtown and the Langley Air Force Base gate. To minimize R/W acquisitions and utility relocations, this project will include a road diet between Quash St and Riprap Rd to repave and restripe the existing pavement from a four-lane to a three-lane section.

16.4 SMART SCALE SCORE	**#24** OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$5,018,859
		Total Project Cost	$5,018,859
	#7 OF 53 DISTRICTWIDE	**Project Benefit**	8.2
		Project Benefit / Total Cost	16.4

Submitting Entity: Hampton City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: No
VTRANS Need: Regional Network





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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	37.5 persons	0.2 person hrs.	58.5 EPDO	11,404.5 EPDO / 100M VMT	6.9 jobs per resident	8.8 jobs per resident	112.6 adjusted users	24,535.1 adj sq. ft.	631.1 daily tons	0.0 adj. buffer time index	150.2 adjusted points	2.4 impacted acres	18.4 access * pop/emp density.h	24.1 access * pop/emp density change.
Normalized Measure Value (0-100)	2.0	0.0	9.4	32.0	0.4	0.4	4.6	0.0	0.0	0.0	3.4	0.2	27.9	36.6
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	1.0		16.2		1.3			0.0			3.4		32.2	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%	5 (max point reduction)	20%	
Weighted Factor Value	0.5		0.8		0.2			0.0			0.3	0.0	6.4	
Project Benefit	8.2													
SMART SCALE Cost	$5,018,859													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**16.4**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

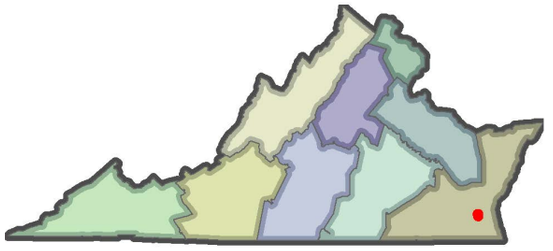
I-64/I-264 Interchange - Phase 3-i

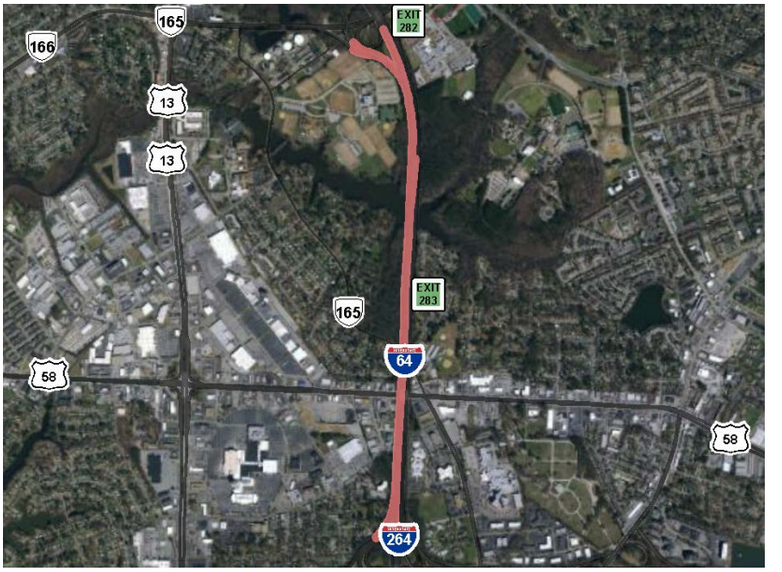
Project Id: 6834

The I-64/I-264 Interchange Phase 3-i project widens EB I-64 from the Northampton Blvd interchange to the exit ramp to EB and WB I-264 (a distance of approximately 1.5 miles) to provide a consistent 5-lane section. The project will widen the existing entrance ramp from Northampton Blvd onto EB I-64 from one lane to two lanes. Approximately 2,600 feet of EB I-64 will be reconstructed to raise the elevation of bridges over Kempsville Rd and Virginia Beach Blvd.

0.9 SMART SCALE SCORE	**#309** OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$172,479,279
		Total Project Cost	$182,479,279
	#45 OF 53 DISTRICTWIDE	**Project Benefit**	16.2
		Project Benefit / Total Cost	0.9

Submitting Entity: Hampton Roads Transportation Planning Organization
Preliminary Engineering: Underway
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: HPP
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance





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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	850.3 persons	7.8 person hrs.	159.0 EPDO	368.1 EPDO / 100M VMT	59.3 jobs per resident	64.8 jobs per resident	0.0 adjusted users	13,652,499.7 adj sq. ft.	0.0 daily tons	68,421,422.7 adj. buffer time index	0.0 adjusted points	21.1 impacted acres	11.5 access * pop/emp density.h	13.0 access * pop/emp density change.
Normalized Measure Value (0-100)	45.7	1.3	25.5	1.0	3.4	3.3	0.0	21.9	0.0	0.6	0.0	1.6	17.3	19.7
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	23.5		18.2		2.7			13.3			0.0		18.5	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%	5 (max point reduction)	20%	
Weighted Factor Value	10.6		0.9		0.4			0.7			0.0	-0.1	3.7	
Project Benefit	16.2													
SMART SCALE Cost	$172,479,279													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.9**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

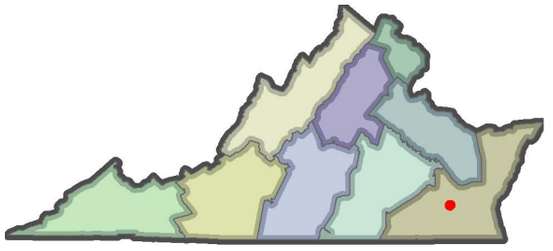
Main Street (U.S. Route 258) at Route 10 Bypass

Project Id: 7100

This project involves the construction of a second through lane along the eastbound and westbound approaches, improvements to existing left-turn lanes to meet minimum full-width storage and taper length design requirements, access management and sidewalk improvements along W. Main Street, and a reconfiguration of the existing Park-and-Ride lot to provide new access, increased capacity, and improved circulation.

3.8 SMART SCALE SCORE	**#152** OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$8,451,458
		Total Project Cost	$8,451,458
	#26 OF 53 DISTRICTWIDE	**Project Benefit**	3.2
		Project Benefit / Total Cost	3.8

Submitting Entity: Isle of Wight County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: Yes
VTRANS Need: Regional Network



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	13.4 persons	2.6 person hrs.	7.3 EPDO	2.3 EPDO / 100M VMT	9.0 jobs per resident	10.0 jobs per resident	66.8 adjusted users	0.0 adj sq. ft.	39,614.8 daily tons	3,974,559,631.3 adj. buffer time index	13.4 adjusted points	8.4 impacted acres	8.7 access * pop/emp density.h	7.1 access * pop/emp density change.
Normalized Measure Value (0-100)	0.7	0.4	1.2	0.0	0.5	0.5	2.7	0.0	3.1	36.8	0.3	0.6	13.1	10.7
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	0.6		0.8		1.0			8.0			0.3		11.9	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%	5 (max point reduction)	20%	
Weighted Factor Value	0.3		0.0		0.1			0.4			0.0	0.0	2.4	
Project Benefit	3.2													
SMART SCALE Cost	$8,451,458													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**3.8**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

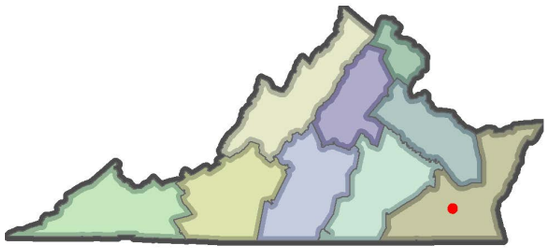
Rt 644 (Turner Dr) at Rt 10 (Benns Church Blvd) Turn Lane

Project Id: 7102

This project consists of improvements to the existing westbound exclusive left-turn lane at the Turner Drive/Benns Church Boulevard intersection. The project improvements will consist of extending the existing left-turn lane a total of 225-feet (i.e., 175 feet of additional full-width storage and an additional 50 feet of taper), resulting in a modified left-turn lane consisting of 250 feet of storage and 150 feet of taper.

9.0 SMART SCALE SCORE			
	#72 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$972,244
		Total Project Cost	$972,244
	#15 OF 53 DISTRICTWIDE	**Project Benefit**	0.9
		Project Benefit / Total Cost	9.0

Submitting Entity: Isle of Wight County
Preliminary Engineering: Not Started
Right of Way: Not Needed
Construction: Not Started
Eligible Fund Program: DGP
Evacuation Route: Yes
VTRANS Need: Urban Development Area



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	0.0 persons	0.0 person hrs.	1.3 EPDO	282.4 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	0.0 adj sq. ft.	0.0 daily tons	1,735,812.6 adj. buffer time index	0.0 adjusted points	1.0 impacted acres	2.9 access * pop/emp density.h	2.8 access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	0.2	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	4.4	4.2
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	0.0		0.4		0.0			0.0			0.0		4.3	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%	5 (max point reduction)	20%	
Weighted Factor Value	0.0		0.0		0.0			0.0			0.0	0.0	0.9	
Project Benefit	0.9													
SMART SCALE Cost	$972,244													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**9.0**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

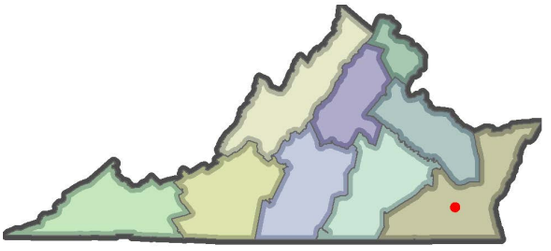
US Rt 17 Right Turn Lane Extension @ Rt 669 (Smiths Neck Rd)

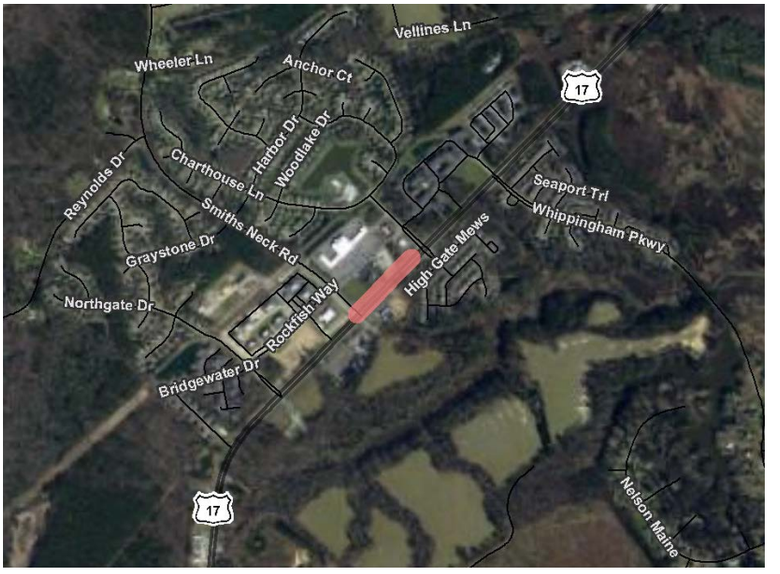
Project Id: 7104

This project includes a right-turn lane improvement at the U.S. Route 17 (Carrollton Boulevard) and State Route 669 (Smiths Neck Road) intersection in Carrollton, VA. The proposed extension will create a continuous exclusive right-turn lane that will begin approximately 200 feet south of Eagle Harbor Parkway, traverse through the Food Lion Shopping Center intersection, and terminate at Smiths Neck Road.

1.7 SMART SCALE SCORE	**#256** OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$2,787,473
		Total Project Cost	$2,787,473
	#38 OF 53 DISTRICTWIDE	**Project Benefit**	0.5
		Project Benefit / Total Cost	1.7

Submitting Entity: Isle of Wight County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance





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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	0.0 persons	0.0 person hrs.	6.2 EPDO	247.0 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	0.0 adj sq. ft.	0.0 daily tons	13,960,256.0 adj. buffer time index	0.0 adjusted points	3.4 impacted acres	1.4 access * pop/emp density.h	1.4 access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	1.0	0.7	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.3	2.1	2.2
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	0.0		0.9		0.0			0.0			0.0		2.2	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%	5 (max point reduction)	20%	
Weighted Factor Value	0.0		0.0		0.0			0.0			0.0	0.0	0.4	
Project Benefit	0.5													
SMART SCALE Cost	$2,787,473													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.7**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

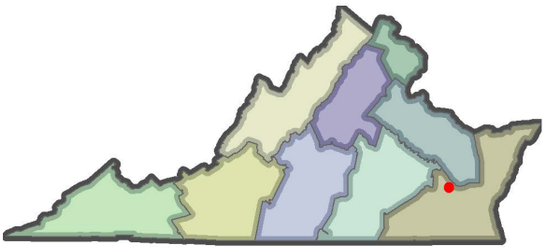
PROJECT SCORECARD

Pocahontas Trail (Rt 60) Improvements - Segments C & D — Project Id: 6881

Build 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 underground overhead utilities

2.1 SMART SCALE SCORE			
	#235 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$5,626,936
		Total Project Cost	$13,143,872
	#36 OF 53 DISTRICTWIDE	**Project Benefit**	1.2
		Project Benefit / Total Cost	0.9

Submitting Entity: James City County
Preliminary Engineering: Underway
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: Yes
VTRANS Need: Regional Network



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	13.2 persons	0.5 person hrs.	7.0 EPDO	37.7 EPDO / 100M VMT	0.8 jobs per resident	1.0 jobs per resident	65.8 adjusted users	47,727.3 adj sq. ft.	16,615.0 daily tons	23,957,107.3 adj. buffer time index	72.4 adjusted points	14.8 impacted acres	2.5 access * pop/emp density.h	2.5 access * pop/emp density change.
Normalized Measure Value (0-100)	0.7	0.1	1.1	0.1	0.0	0.1	2.7	0.1	1.3	0.2	1.6	1.1	3.7	3.8
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	0.4		0.8		0.6			0.4			1.6		3.7	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%	5 (max point reduction)	20%	
Weighted Factor Value	0.2		0.0		0.1			0.0			0.2	-0.1	0.7	
Project Benefit	1.2													
SMART SCALE Cost	$5,626,936													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**2.1**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

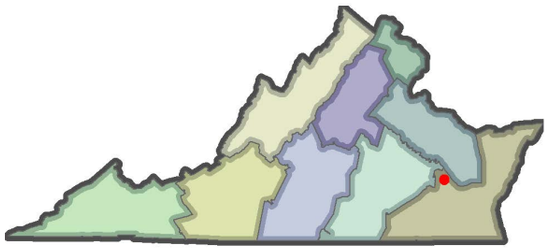
Airport Rd., Mooretown Rd. and Richmond Rd. Improvements

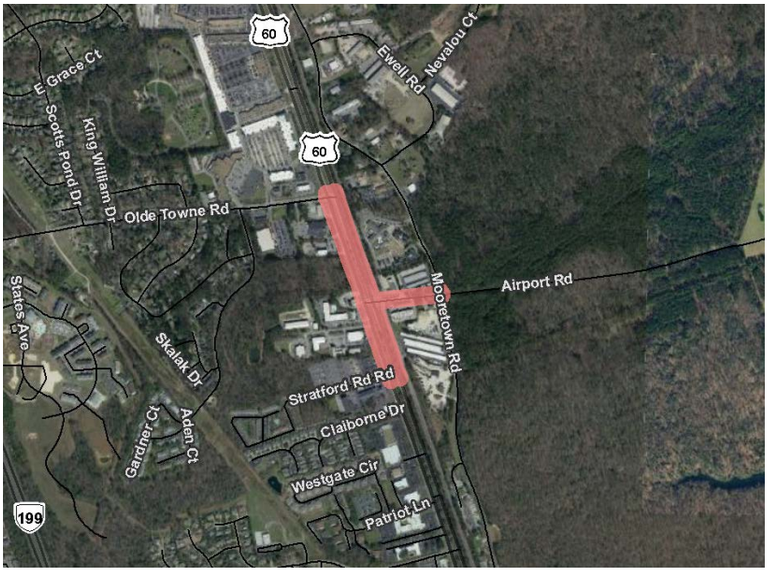
Project Id: 7006

Intersection improvements for Airport Road and Mooretown Road to include a roundabout. Improve the intersection of Richmond Road and Airport Road to include a right only onto Richmond Road (i.e., Median U-turn Intersection). Richmond Road will have lane reassignments and u-turn points at Olde Towne Road and Stratford Road. Improvements will also include a relocated/improved bus pullout and enhanced pedestrian accommodations along project limits.

5.4 SMART SCALE SCORE			
	#115 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$12,569,213
		Total Project Cost	$12,569,213
	#22 OF 53 DISTRICTWIDE	**Project Benefit**	6.7
		Project Benefit / Total Cost	5.4

Submitting Entity: James City County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance





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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	23.0 persons	20.9 person hrs.	29.0 EPDO	78.9 EPDO / 100M VMT	41.5 jobs per resident	32.6 jobs per resident	115.2 adjusted users	223,078.2 adj sq. ft.	0.0 daily tons	169,117,030.5 adj. buffer time index	69.1 adjusted points	0.9 impacted acres	15.4 access * pop/emp density.h	17.3 access * pop/emp density change.
Normalized Measure Value (0-100)	1.2	3.4	4.7	0.2	2.4	1.7	4.7	0.4	0.0	1.6	1.6	0.1	23.3	26.2
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	2.3		3.3		2.7			0.5			1.6		24.7	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%	5 (max point reduction)	20%	
Weighted Factor Value	1.0		0.2		0.4			0.0			0.2	0.0	4.9	
Project Benefit	6.7													
SMART SCALE Cost	$12,569,213													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**5.4**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

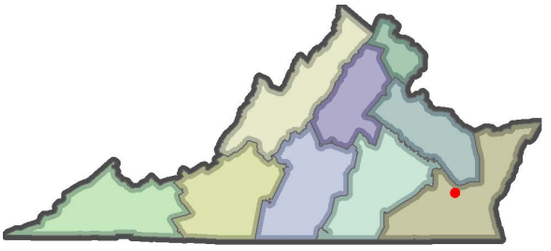
I-64/Denbigh Boulevard Interchange

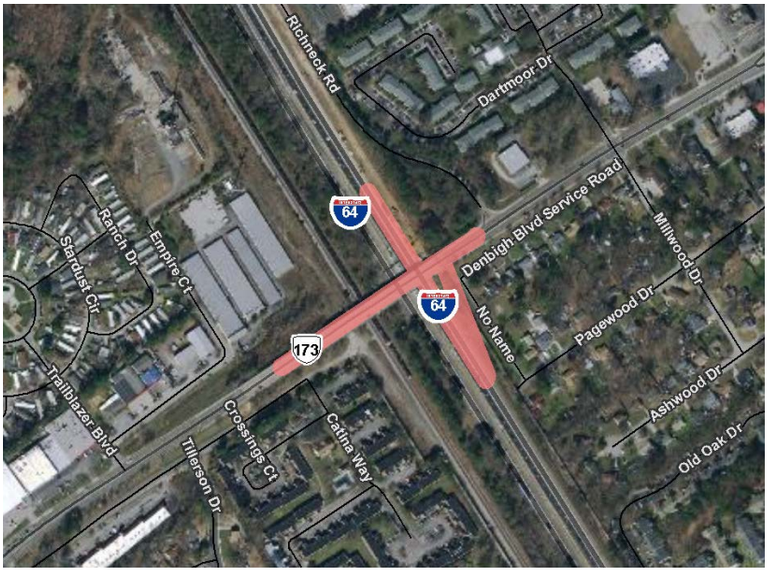
Project Id: 6705

Install the first phase of a full interchange on I-64 at Denbigh Boulevard Bridge. This project will install the I-64 west off-ramp, widen I-64 to support the off-ramp movement, signalize the off-ramp, and widen Denbigh Boulevard to accommodate the Diamond A design.

7.3 SMART SCALE SCORE			
	#91 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$46,592,997
		Total Project Cost	$46,592,997
	#19 OF 53 DISTRICTWIDE	**Project Benefit**	34.0
		Project Benefit / Total Cost	7.3

Submitting Entity: Newport News City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: Yes
VTRANS Need: Regional Network





SMART SCALE Area Type A														
Factor														
Measure	Increase in Peak Period Person Throughput	Reduction in Peak Period Delay	Reduction in Fatal and Injury Crashes	Reduction in Fatal and Injury Crash Rate	Increase in Access to Jobs	Increase in Access to Jobs for Disadvantaged Populations	Increase in Access to Multimodal Travel Choices	Square Feet of Commercial/Industrial Development Supported	Tons of Goods Impacted	Improvement to Travel Time Reliability	Potential to Improve Air Quality	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	1,343.0 persons	357.3 person hrs.	166.6 EPDO	101.8 EPDO / 100M VMT	59.7 jobs per resident	71.3 jobs per resident	0.0 adjusted users	0.0 adj sq. ft.	5,671.5 daily tons	1,858,337.9 adj. buffer time index	0.0 adjusted points	6.2 impacted acres	10.4 access * pop/emp density.h	11.0 access * pop/emp density change.
Normalized Measure Value (0-100)	72.1	58.6	26.7	0.3	3.5	3.6	0.0	0.0	0.4	0.0	0.0	0.5	15.8	16.6
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	65.3		18.8		2.8			0.1			0.0		16.2	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%	5 (max point reduction)	20%	
Weighted Factor Value	29.4		0.9		0.4			0.0			0.0	0.0	3.2	
Project Benefit	34.0													
SMART SCALE Cost	$46,592,997													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**7.3**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

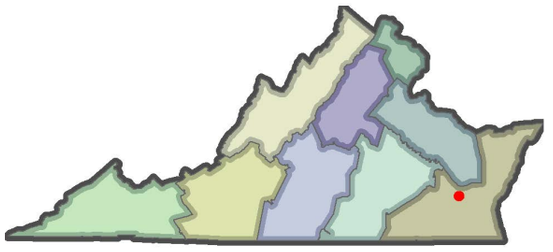
Oyster Point Rd Improvements: Jefferson Ave to Operations Dr

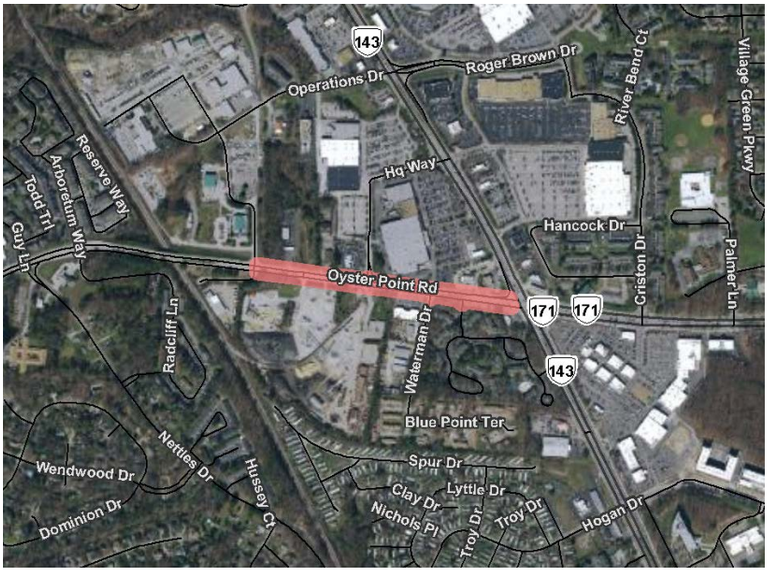
Project Id: 6711

Installation of refuge islands and pedestrian signals for the north and south legs of Jefferson Avenue and Oyster Point Road intersection, a third through lane eastbound and westbound on Oyster Point Road, and signal timing changes to improve operational efficiency for all movements.

5.6 SMART SCALE SCORE			
	#110 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$15,985,681
		Total Project Cost	$15,985,681
	#20 OF 53 DISTRICTWIDE	**Project Benefit**	8.9
		Project Benefit / Total Cost	5.6

Submitting Entity: Newport News City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: No
VTRANS Need: Regional Network





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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	109.1 persons	19.1 person hrs.	38.7 EPDO	414.3 EPDO / 100M VMT	8.8 jobs per resident	8.9 jobs per resident	545.4 adjusted users	0.0 adj sq. ft.	10,507.7 daily tons	66,577,401.7 adj. buffer time index	545.4 adjusted points	1.7 impacted acres	14.7 access * pop/emp density.h	16.2 access * pop/emp density change.
Normalized Measure Value (0-100)	5.9	3.1	6.2	1.2	0.5	0.5	22.4	0.0	0.8	0.6	12.3	0.1	22.2	24.6
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	4.5		4.7		4.9			0.3			12.3		23.4	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%	5 (max point reduction)	20%	
Weighted Factor Value	2.0		0.2		0.7			0.0			1.2	0.0	4.7	
Project Benefit	8.9													
SMART SCALE Cost	$15,985,681													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**5.6**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

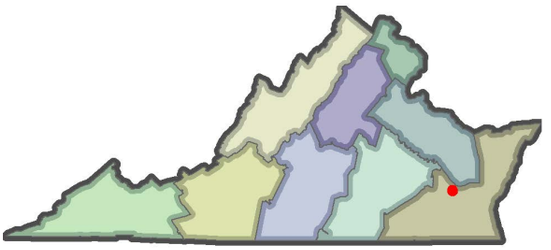
Warwick Blvd Improvements: Fort Eustis Blvd to Enterprise Dr

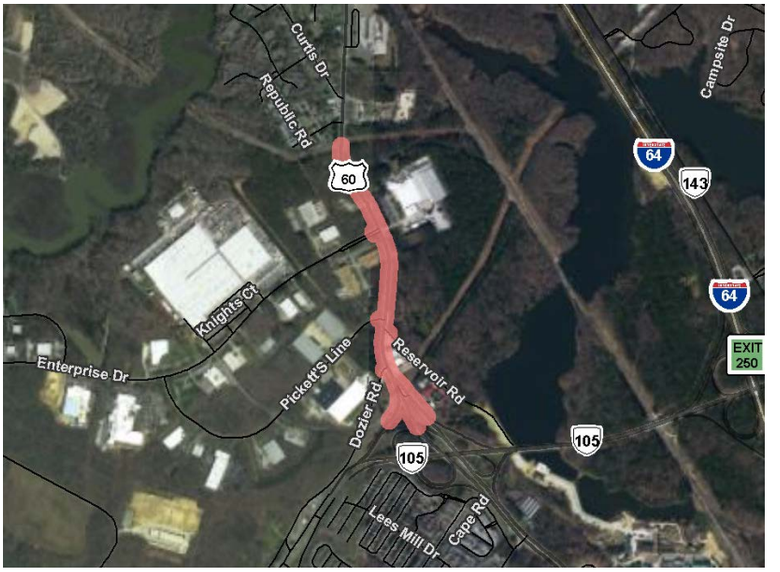
Project Id: 6715

Installation of a second through lane northbound and southbound on Warwick Boulevard, appropriate turn lanes, new pedestrian accommodations, and signal timing changes to improve operational efficiency for all movements.

1.0 SMART SCALE SCORE			
	#300 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$23,892,721
		Total Project Cost	$23,892,721
	#44 OF 53 DISTRICTWIDE	**Project Benefit**	2.4
		Project Benefit / Total Cost	1.0

Submitting Entity: Newport News City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance





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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	21.5 persons	4.1 person hrs.	33.2 EPDO	22.0 EPDO / 100M VMT	27.6 jobs per resident	37.6 jobs per resident	107.7 adjusted users	0.0 adj sq. ft.	15,731.2 daily tons	0.0 adj. buffer time index	107.7 adjusted points	52.9 impacted acres	4.2 access * pop/emp density.h	5.2 access * pop/emp density change.
Normalized Measure Value (0-100)	1.2	0.7	5.3	0.1	1.6	1.9	4.4	0.0	1.2	0.0	2.4	4.1	6.4	7.8
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	0.9		3.7		2.2			0.2			2.4		7.1	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%	5 (max point reduction)	20%	
Weighted Factor Value	0.4		0.2		0.3			0.0			0.2	-0.2	1.4	
Project Benefit	2.4													
SMART SCALE Cost	$23,892,721													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.0**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

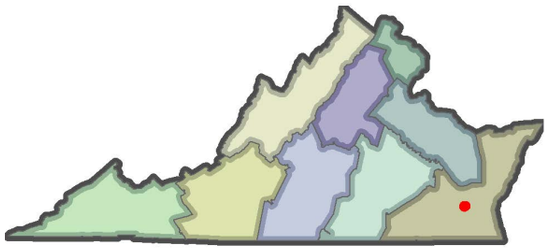
Complete Streets 16th St: Marshall Ave to Peterson's Yacht

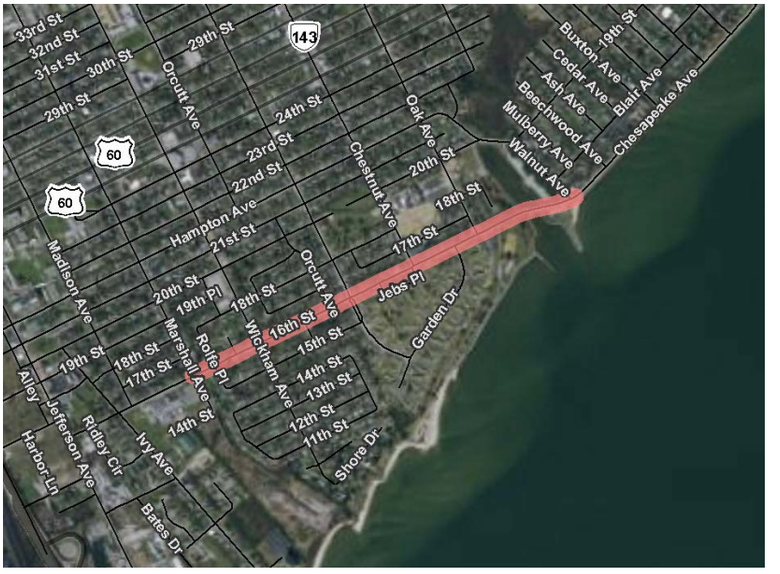
Project Id: 6716

Installation of complete streets on 16th Street that will accommodate bike and pedestrian accessibility.

2.2 SMART SCALE SCORE	#226 OF 397 STATEWIDE	SMART SCALE Requested Funds	$26,438,394
		Total Project Cost	$26,438,394
	#35 OF 53 DISTRICTWIDE	Project Benefit	5.9
		Project Benefit / Total Cost	2.2

Submitting Entity: Newport News City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: No
VTRANS Need: Regional Network





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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	17.2 persons	0.6 person hrs.	17.5 EPDO	47.6 EPDO / 100M VMT	4.1 jobs per resident	6.3 jobs per resident	85.8 adjusted users	0.0 adj sq. ft.	1,900.3 daily tons	86,880,681.5 adj. buffer time index	85.8 adjusted points	79.0 impacted acres	19.2 access * pop/emp density.h	17.2 access * pop/emp density change.
Normalized Measure Value (0-100)	0.9	0.1	2.8	0.1	0.2	0.3	3.5	0.0	0.1	0.8	1.9	6.1	29.0	26.0
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	0.5		2.0		0.9			0.2			1.9		27.5	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%	5 (max point reduction)	20%	
Weighted Factor Value	0.2		0.1		0.1			0.0			0.2	-0.3	5.5	
Project Benefit	5.9													
SMART SCALE Cost	$26,438,394													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**2.2**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

Centralized Transit Signal Priority

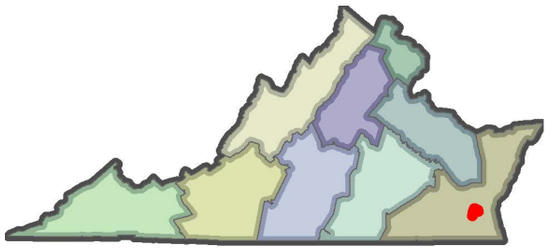
Project Id: 6678

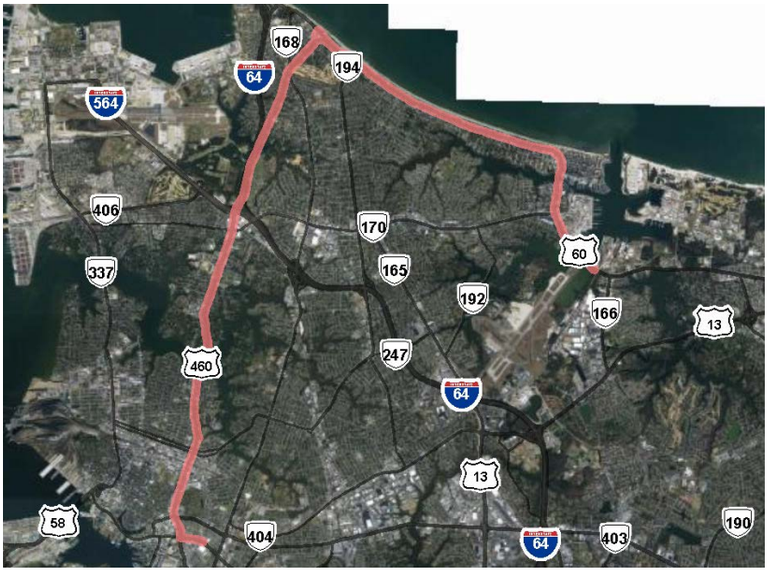
Design, configuration, and integration of centralized transit signal priority (TSP) for 40 signals along HRT Route 1. Norfolk is upgrading signal controllers and communications and has installed new central signal system (CSS) software to manage the signals. TSP system design will interface with the CSS and real-time bus location, speed, and heading data. TSP will be configured to utilize real-time bus data to place priority calls for approaching buses via the CSS to enable TSP signal timings.

68.2 SMART SCALE SCORE		
	#2	OF 397 STATEWIDE
	#2	OF 53 DISTRICTWIDE

SMART SCALE Requested Funds	$1,992,292
Total Project Cost	$1,992,292
Project Benefit	13.6
Project Benefit / Total Cost	68.2

Submitting Entity: Norfolk City
Preliminary Engineering: Not Started
Right of Way: Not Needed
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: No
VTRANS Need: Corridor of Statewide Significance





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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	21.5 persons	0.0 person hrs.	3.9 EPDO	4.3 EPDO / 100M VMT	294.4 jobs per resident	340.2 jobs per resident	107.4 adjusted users	3,179,510.9 adj sq. ft.	0.0 daily tons	0.0 adj. buffer time index	21.5 adjusted points	0.0 impacted acres	31.9 access * pop/emp density.h	40.2 access * pop/emp density change.
Normalized Measure Value (0-100)	1.2	0.0	0.6	0.0	17.1	17.2	4.4	5.1	0.0	0.0	0.5	0.0	48.2	60.9
Measure Weight (% of Factor)	50%	50%	100%	0%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	0.6		0.6		14.6			3.1			0.5		54.6	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%	5 (max point reduction)	20%	
Weighted Factor Value	0.3		0.0		2.2			0.2			0.0	0.0	10.9	
Project Benefit	13.6													
SMART SCALE Cost	$1,992,292													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**68.2**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

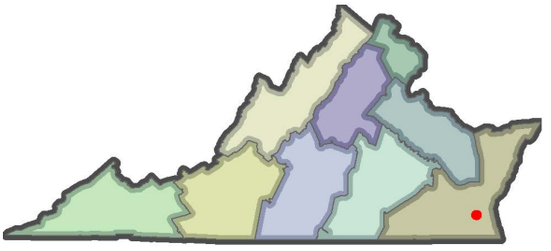
Virginia Beach Blvd Improvements: Kempsville Rd to George St

Project Id: 6965

The proposed project eliminates the existing service roads along Virginia Beach Boulevard to the east of Kempsville Road. An additional through lane of capacity in each direction will be constructed for the improved typical section, with sidewalks included from Kempsville Road to George Street. The intersection of Virginia Beach Boulevard at Kempsville Road will also be modified to restrict left-turns as part of this improvement. The Winburne Street intersection will serve as the U-turn point.

2.4 SMART SCALE SCORE			
	#215 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$26,706,275
		Total Project Cost	$26,706,275
	#34 OF 53 DISTRICTWIDE	**Project Benefit**	6.4
		Project Benefit / Total Cost	2.4

Submitting Entity: Norfolk City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: No
VTRANS Need: Corridor of Statewide Significance



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	57.4 persons	0.0 person hrs.	26.6 EPDO	327.3 EPDO / 100M VMT	4.4 jobs per resident	5.6 jobs per resident	287.0 adjusted users	165,461.5 adj sq. ft.	0.0 daily tons	65,080,331.4 adj. buffer time index	0.0 adjusted points	0.1 impacted acres	15.4 access * pop/emp density.h	18.9 access * pop/emp density change.
Normalized Measure Value (0-100)	3.1	0.0	4.3	0.9	0.3	0.3	11.8	0.3	0.0	0.6	0.0	0.0	23.2	28.6
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	1.5		3.3		2.6			0.3			0.0		25.9	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%	5 (max point reduction)	20%	
Weighted Factor Value	0.7		0.2		0.4			0.0			0.0	0.0	5.2	
Project Benefit	6.4													
SMART SCALE Cost	$26,706,275													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**2.4**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

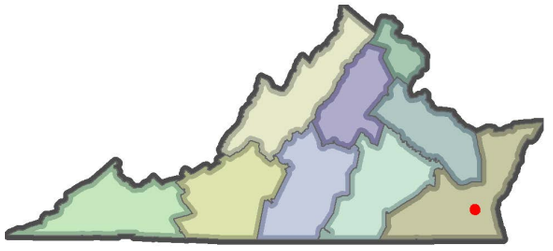
Chesapeake Blvd Sidewalk - Little Creek to Fishermans

Project Id: 7000

Design of new 5' sidewalk along both sides of a 1 mile stretch of Chesapeake Blvd creating a safe and continuous pedestrian access route with improved ADA accessible ramps and HRT bus shelters from E Little Creek Rd to Fishermans Rd in the City of Norfolk. The project adds curb and gutter to the four-lane divided roadway creating safer pedestrian routes with a closed drainage system providing improved capacity reducing the likelihood of ponding water along the existing roadway.

3.7 SMART SCALE SCORE			
	#161 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$18,664,287
		Total Project Cost	$18,664,287
	#28 OF 53 DISTRICTWIDE	**Project Benefit**	6.8
		Project Benefit / Total Cost	3.7

Submitting Entity: Norfolk City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: No
VTRANS Need: Regional Network



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	116.2 persons	0.3 person hrs.	14.9 EPDO	10.0 EPDO / 100M VMT	1.5 jobs per resident	1.4 jobs per resident	581.0 adjusted users	0.0 adj sq. ft.	11,062.6 daily tons	245,881,485.3 adj. buffer time index	348.6 adjusted points	0.1 impacted acres	15.9 access * pop/emp density.h	9.1 access * pop/emp density change.
Normalized Measure Value (0-100)	6.2	0.1	2.4	0.0	0.1	0.1	23.9	0.0	0.9	2.3	7.8	0.0	24.1	13.8
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	3.1		1.7		4.8			0.6			7.8		18.9	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%	5 (max point reduction)	20%	
Weighted Factor Value	1.4		0.1		0.7			0.0			0.8	0.0	3.8	
Project Benefit	6.8													
SMART SCALE Cost	$18,664,287													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**3.7**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

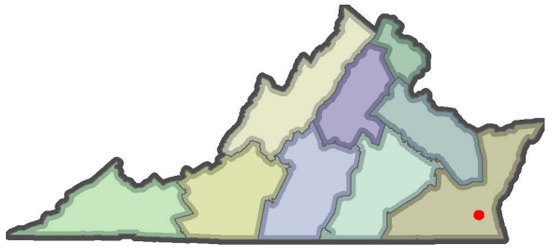
Virginia Beach Blvd/Kempsville Rd Intersection Improvements

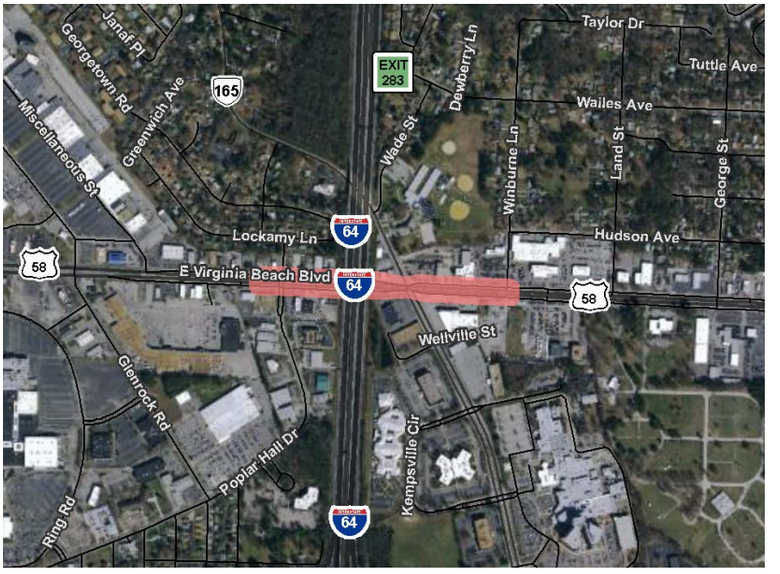
Project Id: 7086

The Virginia Beach Blvd/Kempsville Rd signalized intersection is heavily congested with a crash history and no pedestrian facilities. The intersection has 2 thru lanes in the EB/WB direction, left turn lanes in all directions and a parallel frontage road on both sides. The project will repurpose the frontage road from Poplar Hall Dr to Winburne Ln to add a 3rd EB and WB thru lane, sidewalks on both sides of Virginia Beach Blvd, and pedestrian accommodations at Poplar Hall Dr and Kempsville Rd.

1.4 SMART SCALE SCORE			
	#268 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$39,885,141
		Total Project Cost	$39,885,141
	#41 OF 53 DISTRICTWIDE	**Project Benefit**	5.7
		Project Benefit / Total Cost	1.4

Submitting Entity: Norfolk City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: No
VTRANS Need: Corridor of Statewide Significance





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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	68.4 persons	3.8 person hrs.	22.2 EPDO	398.6 EPDO / 100M VMT	1.4 jobs per resident	1.7 jobs per resident	102.6 adjusted users	187,557.4 adj sq. ft.	5,969.6 daily tons	31,589,946.0 adj. buffer time index	136.8 adjusted points	0.1 impacted acres	13.4 access * pop/emp density.h	14.2 access * pop/emp density change.
Normalized Measure Value (0-100)	3.7	0.6	3.6	1.1	0.1	0.1	4.2	0.3	0.5	0.3	3.1	0.0	20.2	21.5
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	2.1		2.8		0.9			0.3			3.1		20.9	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%	5 (max point reduction)	20%	
Weighted Factor Value	1.0		0.1		0.1			0.0			0.3	0.0	4.2	
Project Benefit	5.7													
SMART SCALE Cost	$39,885,141													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.4**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

Railroad Crossing Message Signs

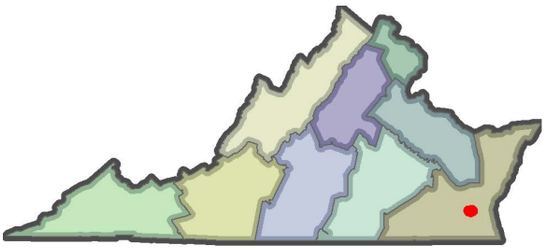
Project Id: 7116

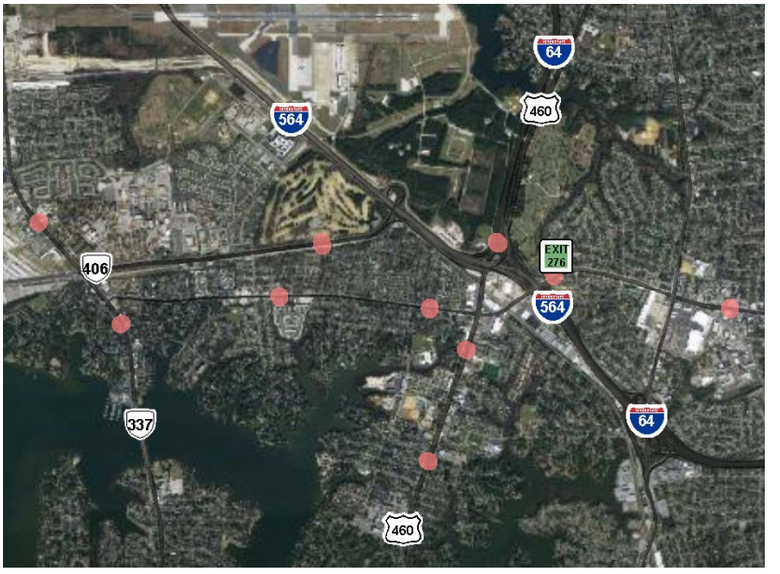
Install up to 11 dynamic message signs near 3 major at-grade railroad crossings of Little Creek Rd, Granby St, and Hampton Blvd in the vicinity of the Norfolk International Terminals. The signs will be located along routes leading to the crossing locations. Install up to 6 train detectors in advance of and at the 3 crossings to detect train presence, direction, and speed. The signs will then notify approaching travelers in real-time of the train's presence so they can choose an alternate route.

11.1 SMART SCALE SCORE		
	#46	OF 397 STATEWIDE
	#12	OF 53 DISTRICTWIDE

SMART SCALE Requested Funds	$5,828,059
Total Project Cost	$5,828,059
Project Benefit	6.4
Project Benefit / Total Cost	11.1

Submitting Entity: Norfolk City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: No
VTRANS Need: Regional Network





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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	0.0 persons	0.0 person hrs.	38.4 EPDO	548.2 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	0.0 adj sq. ft.	0.0 daily tons	0.0 adj. buffer time index	0.0 adjusted points	0.0 impacted acres	20.1 access * pop/emp density.h	20.4 access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	6.2	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.4	31.0
Measure Weight (% of Factor)	50%	50%	100%	0%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	0.0		6.2		0.0			0.0			0.0		30.7	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%	5 (max point reduction)	20%	
Weighted Factor Value	0.0		0.3		0.0			0.0			0.0	0.0	6.1	
Project Benefit	6.4													
SMART SCALE Cost	$5,828,059													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**11.1**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

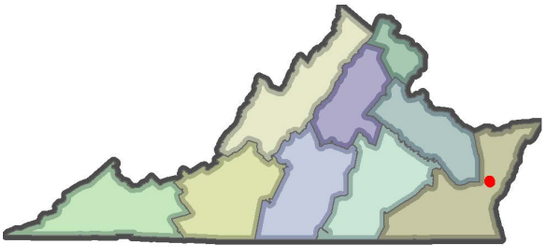
Cape Charles to Cheriton Route 13 Improvements

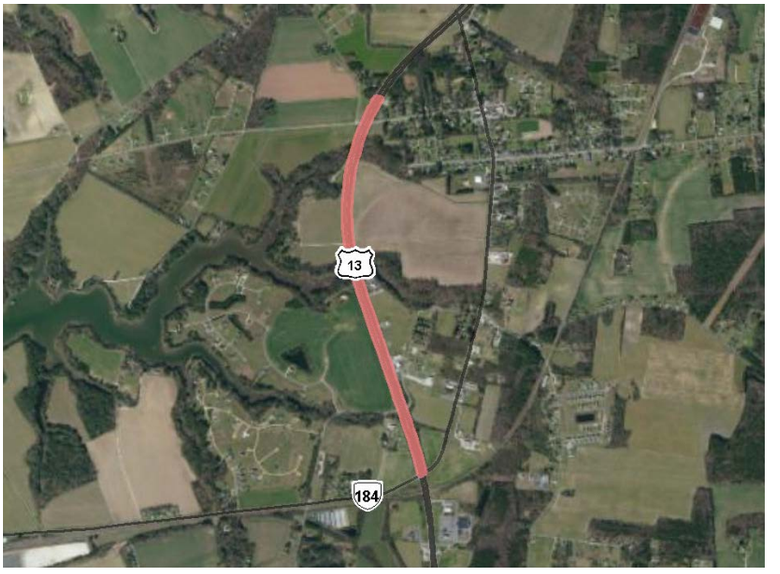
Project Id: 6798

This project includes five crossover improvement sites along the Route 13 corridor in the Cheriton area between mike marker 79.72 and mile marker 80.70. Two crossover sites will add left-turn lanes. Two crossover sites will lengthen the left turn lanes. This project will also result in one crossover closure. All improvements will comply with state standard requirements involving left-turn lanes being 200 feet full width by 200 feet taper length.

0.0 SMART SCALE SCORE			
	#388 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$1,610,530
		Total Project Cost	$1,610,530
	#53 OF 53 DISTRICTWIDE	**Project Benefit**	0.0
		Project Benefit / Total Cost	0.0

Submitting Entity: Northampton County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance





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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	0.0 persons	0.0 person hrs.	1.4 EPDO	62.8 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	12,486.9 adj sq. ft.	0.0 daily tons	0.0 adj. buffer time index	0.0 adjusted points	60.2 impacted acres	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	4.7		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.0		0.2		0.0			0.0			0.0			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		0.1		0.0			0.0			0.0	-0.2		
Project Benefit	0.0													
SMART SCALE Cost	$1,610,530													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.0**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

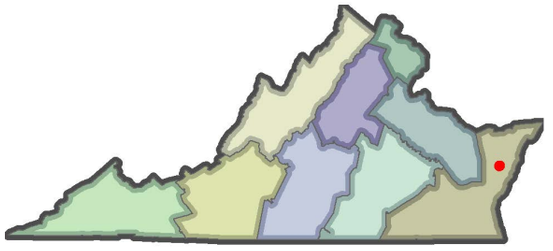
Nassawadox Route 13 Improvements

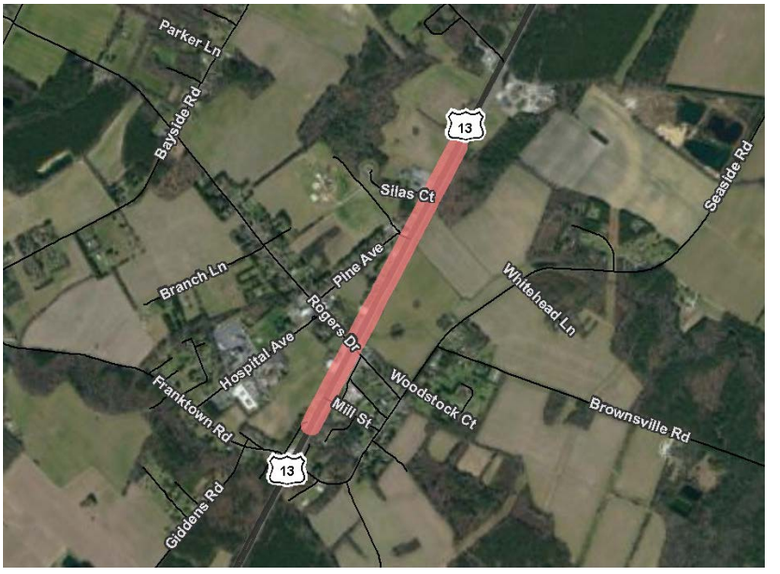
Project Id: 6802

This project will involve four crossover improvement sites along the Route 13 corridor in the Nassawadox area between mile marker 95.04 and mile marker 95.73. One site will close a crossover. Three sites will add and lengthen left-turn lanes. All improvements will comply with state standard requirements involving left-turn lanes being 200 feet full width by 200 feet taper length.

1.1 SMART SCALE SCORE	#292 OF 397 STATEWIDE	SMART SCALE Requested Funds	$1,878,860
		Total Project Cost	$1,878,860
	#42 OF 53 DISTRICTWIDE	Project Benefit	0.2
		Project Benefit / Total Cost	1.1

Submitting Entity: Northampton County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance





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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	0.0 persons	0.0 person hrs.	5.2 EPDO	204.8 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	0.0 adj sq. ft.	0.0 daily tons	0.0 adj. buffer time index	0.0 adjusted points	5.2 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	0.8	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.0		0.8		0.0			0.0			0.0			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		0.2		0.0			0.0			0.0	0.0		
Project Benefit	0.2													
SMART SCALE Cost	$1,878,860													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.1**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

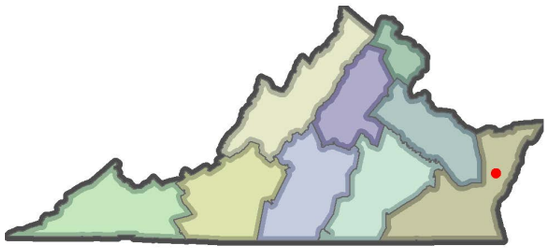
Realignment of Bayside Road and Wilsonia Neck Drive

Project Id: 7158

This project intends to realign the intersection of Wilsonia Neck Drive and Bayside Rd northwest of the existing Route 13 crossover. Bayside Rd will be realigned into Route 13 and Wilsonia Neck Drive will be realigned into Bayside Rd. Turn lane improvements at the existing Route 13 crossover will also take place as part of this effort.

0.0 SMART SCALE SCORE			
	#397 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$3,150,168
		Total Project Cost	$3,150,168
	#50 OF 53 DISTRICTWIDE	**Project Benefit**	0.0
		Project Benefit / Total Cost	0.0

Submitting Entity: Northampton County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
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 adj sq. ft.	0.0 daily tons	0.0 adj. buffer time index	0.0 adjusted points	2.8 impacted acres	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	0.2		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	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%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		0.0		0.0			0.0			0.0	0.0		
Project Benefit	0.0													
SMART SCALE Cost	$3,150,168													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.0**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

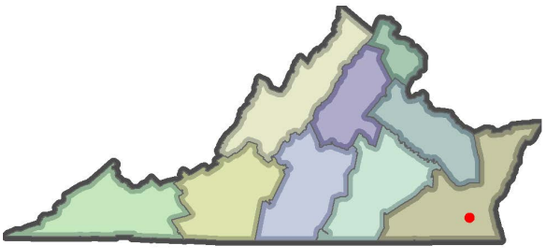
Portsmouth Transit Station

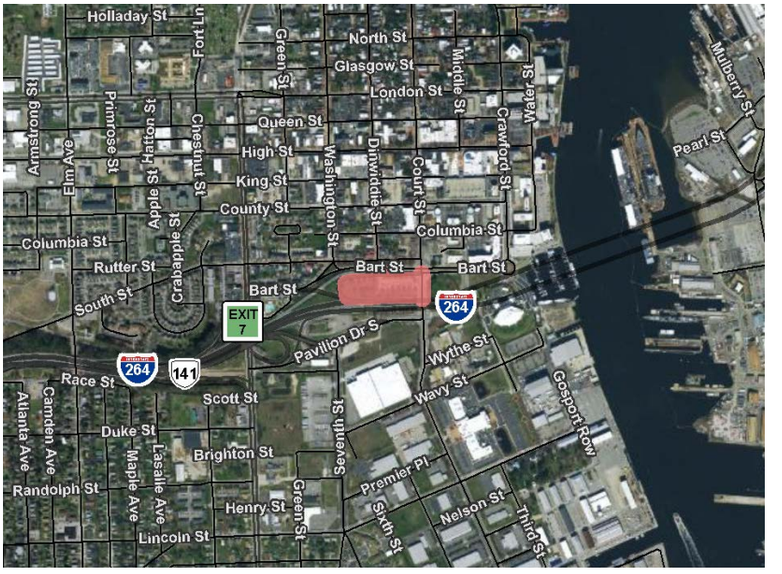
Project Id: 6773

Redevelop the existing VDOT Park and Sail commuter lot near the I-264 Exit 7/Downtown Portsmouth interchange into a multimodal transit station with eight (8) bus transit bays and passenger shelter for Hampton Roads Transit, seventy-four (74) improved commuter parking spaces, bicycle racks and drop-off/pick-up for taxi and rideshare. The project will relocate existing bus service routes to this new facility and will also accommodate future transit growth and provide enhanced commuter parking.

39.5 SMART SCALE SCORE	**#5** OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$4,072,858
		Total Project Cost	$4,072,858
	#3 OF 53 DISTRICTWIDE	**Project Benefit**	16.1
		Project Benefit / Total Cost	39.5

Submitting Entity: Portsmouth City
Preliminary Engineering: Not Started
Right of Way: Not Needed
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: No
VTRANS Need: Corridor of Statewide Significance





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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	38.0 persons	0.0 person hrs.	11.3 EPDO	0.7 EPDO / 100M VMT	0.4 jobs per resident	0.5 jobs per resident	190.1 adjusted users	0.0 adj sq. ft.	0.0 daily tons	462,263,164.2 adj. buffer time index	209.1 adjusted points	13.7 impacted acres	48.0 access * pop/emp density.h	50.1 access * pop/emp density change.
Normalized Measure Value (0-100)	2.0	0.0	1.8	0.0	0.0	0.0	7.8	0.0	0.0	4.3	4.7	1.1	72.5	76.0
Measure Weight (% of Factor)	50%	50%	100%	0%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	1.0		1.8		1.6			0.9			4.7		74.2	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%	5 (max point reduction)	20%	
Weighted Factor Value	0.5		0.1		0.2			0.0			0.5	-0.1	14.8	
Project Benefit	16.1													
SMART SCALE Cost	$4,072,858													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**39.5**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

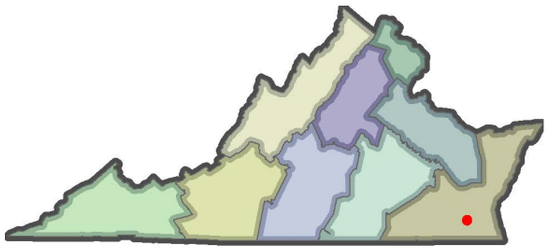
Greenwood Park & Ride Lot

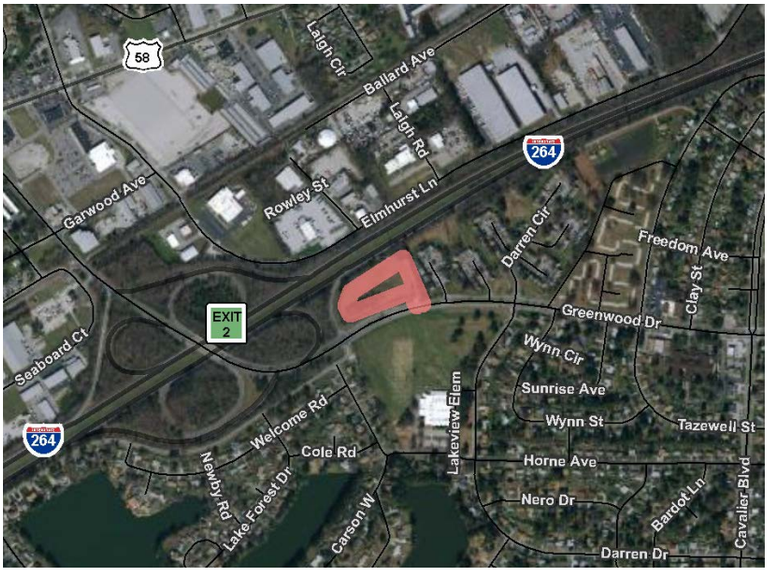
Project Id: 6779

Reestablish a park and ride lot at 4690 Greenwood Drive near the I-264 Exit 2/Greenwood Drive Interchange to provide commuter parking and support ongoing growth at the Norfolk Naval Shipyard and the surrounding interstate corridor. The commuter lot will include bus lanes and shelters for transit shuttles, bicycle racks and sidewalk.

10.8 SMART SCALE SCORE			
	#47 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$6,407,605
		Total Project Cost	$6,407,605
	#13 OF 53 DISTRICTWIDE	**Project Benefit**	6.9
		Project Benefit / Total Cost	10.8

Submitting Entity: Portsmouth City
Preliminary Engineering: Not Started
Right of Way: Not Needed
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: No
VTRANS Need: Corridor of Statewide Significance





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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	77.5 persons	7.5 person hrs.	23.2 EPDO	2.3 EPDO / 100M VMT	61.7 jobs per resident	74.2 jobs per resident	387.6 adjusted users	0.0 adj sq. ft.	0.0 daily tons	0.0 adj. buffer time index	348.8 adjusted points	0.1 impacted acres	14.3 access * pop/emp density.h	11.1 access * pop/emp density change.
Normalized Measure Value (0-100)	4.2	1.2	3.7	0.0	3.6	3.8	15.9	0.0	0.0	0.0	7.8	0.0	21.6	16.9
Measure Weight (% of Factor)	50%	50%	100%	0%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	2.7		3.7		6.1			0.0			7.8		19.2	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%	5 (max point reduction)	20%	
Weighted Factor Value	1.2		0.2		0.9			0.0			0.8	0.0	3.8	
Project Benefit	6.9													
SMART SCALE Cost	$6,407,605													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**10.8**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

New Market Road Turn Lane Improvements

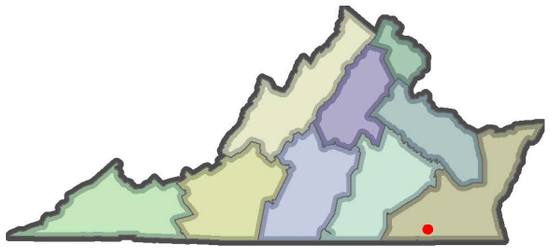
Project Id: 7144

Lengthens westbound left turn deceleration lane on U.S. Route 58W at New Market Road (State Route 688) and constructs new eastbound right turn acceleration lane from New Market Road onto U.S. Route 58E.

18.3 SMART SCALE SCORE			
	#19	OF 397 STATEWIDE	
	#6	OF 53 DISTRICTWIDE	

SMART SCALE Requested Funds	$1,151,162
Total Project Cost	$1,151,162
Project Benefit	2.1
Project Benefit / Total Cost	18.3

Submitting Entity: Southampton County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	0.0 persons	0.0 person hrs.	0.3 EPDO	27.9 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	0.0 adj sq. ft.	0.0 daily tons	475,824.7 adj. buffer time index	937.0 adjusted points	3.3 impacted acres	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	21.1	0.3		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.0		0.1		0.0			0.0			21.1			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		0.0		0.0			0.0			2.1	0.0		
Project Benefit	2.1													
SMART SCALE Cost	$1,151,162													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**18.3**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

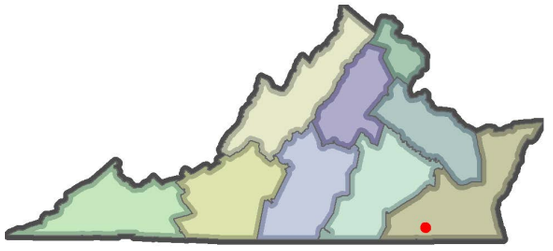
US 58 Courtland Additional Left-Turn Lanes

Project Id: 7172

Construct five (5) left-turn lanes at three (3) existing crossovers

1.1 SMART SCALE SCORE	#294 OF 397 STATEWIDE	SMART SCALE Requested Funds	$1,483,507
		Total Project Cost	$1,483,507
	#43 OF 53 DISTRICTWIDE	Project Benefit	0.2
		Project Benefit / Total Cost	1.1

Submitting Entity: Southampton County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	0.0 persons	0.0 person hrs.	3.9 EPDO	157.8 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	0.0 adj sq. ft.	0.0 daily tons	0.0 adj. buffer time index	0.0 adjusted points	3.7 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	0.6	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.0		0.6		0.0			0.0			0.0			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		0.2		0.0			0.0			0.0	0.0		
Project Benefit	0.2													
SMART SCALE Cost	$1,483,507													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.1**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

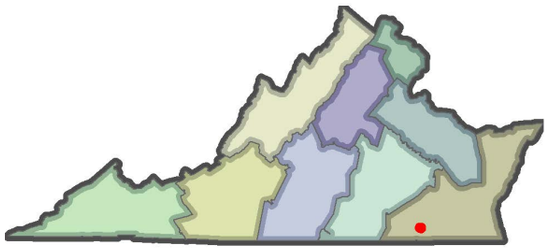
Southampton High School US 58 Crossover

Project Id: 7174

Reconfigure crossover at Southampton High School and US 58 to Continuous Green-T (CGT). Extend all existing turn lanes on US 58 to VDOT standards, including the crossover immediately west of Southampton High School.

4.1 SMART SCALE SCORE			
	#141 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$3,644,419
		Total Project Cost	$3,644,419
	#23 OF 53 DISTRICTWIDE	**Project Benefit**	1.5
		Project Benefit / Total Cost	4.1

Submitting Entity: Southampton County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	0.0 persons	0.3 person hrs.	3.7 EPDO	81.9 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	0.0 adj sq. ft.	0.0 daily tons	1,218,618.2 adj. buffer time index	609.0 adjusted points	1.7 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.1	0.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	13.7	0.1		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.0		0.5		0.0			0.0			13.7			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		0.1		0.0			0.0			1.4	0.0		
Project Benefit	1.5													
SMART SCALE Cost	$3,644,419													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**4.1**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

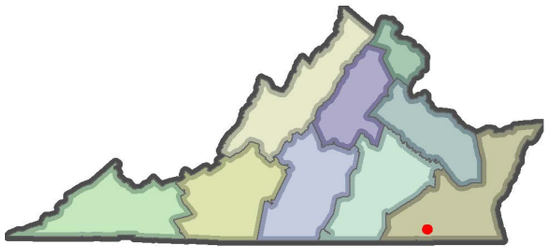
Camp Parkway CGT

Project Id: 7178

Reconfigure intersection of US 58 and Camp Parkway to Contiguous Green-T (CGT). The intersection will not be signalized with this project.

7.5 SMART SCALE SCORE	#87 OF 397 STATEWIDE	SMART SCALE Requested Funds	$2,349,105
		Total Project Cost	$2,349,105
	#17 OF 53 DISTRICTWIDE	Project Benefit	1.8
		Project Benefit / Total Cost	7.5

Submitting Entity: Southampton County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	0.0 persons	0.0 person hrs.	4.7 EPDO	540.7 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	0.0 adj sq. ft.	0.0 daily tons	786,589.4 adj. buffer time index	658.0 adjusted points	2.4 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	0.8	1.5	0.0	0.0	0.0	0.0	0.0	0.0	14.8	0.2		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.0		1.0		0.0			0.0			14.8			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		0.3		0.0			0.0			1.5	0.0		
Project Benefit	1.8													
SMART SCALE Cost	$2,349,105													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**7.5**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

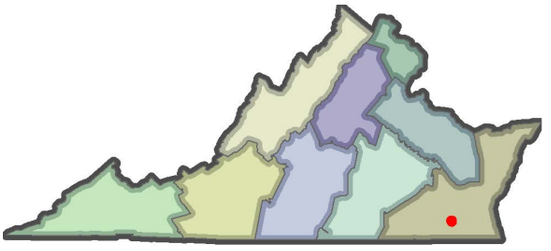
Godwin Boulveard Improvements

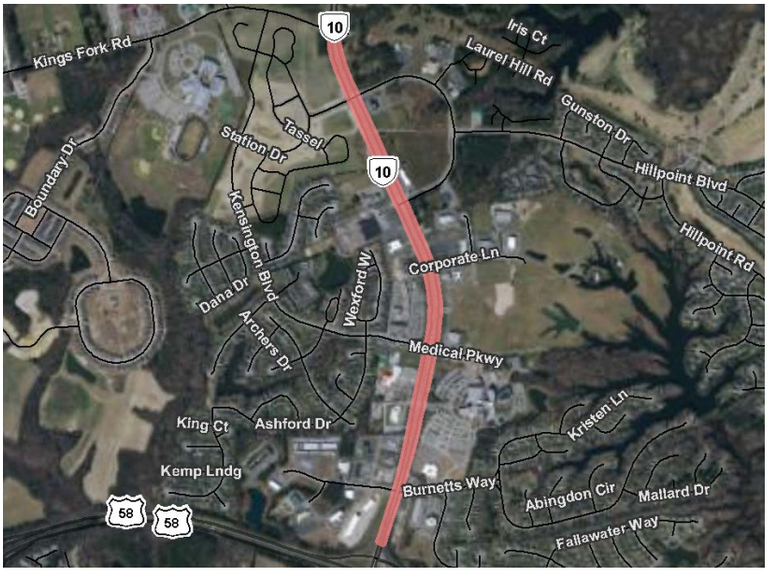
Project Id: 6720

Provide for improvements along the Godwin Blvd corridor (SR 10/32) corridor in the City of Suffolk. The corridor is 1.5 miles and spans from Kings Fork Rd in the north to the Suffolk Bypass (US 460/58/13) in the south. The improvements include the widening of the roadway from a typical 4-lane section to a 6-lane section. The widening involves adding an interior lane in each direction.

5.4 SMART SCALE SCORE			
	#113 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$8,560,754
		Total Project Cost	$11,060,754
	#21 OF 53 DISTRICTWIDE	**Project Benefit**	4.7
		Project Benefit / Total Cost	4.2

Submitting Entity: Suffolk City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: DGP
Evacuation Route: No
VTRANS Need: Urban Development Area





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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	0.0 persons	25.9 person hrs.	43.0 EPDO	380.5 EPDO / 100M VMT	12.8 jobs per resident	12.6 jobs per resident	0.0 adjusted users	191,852.0 adj sq. ft.	32,242.7 daily tons	82,514,801.0 adj. buffer time index	0.0 adjusted points	57.1 impacted acres	16.0 access * pop/emp density.h	7.4 access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	4.2	6.9	1.1	0.7	0.6	0.0	0.3	2.5	0.8	0.0	4.4	24.2	11.2
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	2.1		5.2		0.6			0.8			0.0		17.7	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%	5 (max point reduction)	20%	
Weighted Factor Value	1.0		0.3		0.1			0.0			0.0	-0.2	3.5	
Project Benefit	4.7													
SMART SCALE Cost	$8,560,754													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**5.4**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

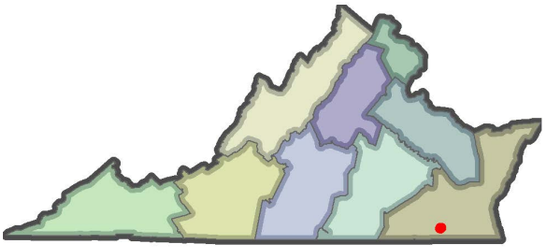
Rte 58 Improvements - Longstreet Lane to Holland Bypass

Project Id: 6913

Provide for improvements along Rte 58 corridor in the City of Suffolk between Longstreet Lane and the Holland By-Pass as recommended in the Rte 58 Arterial Preservation Plan Study. Improvements include installation of R-CUT Intersections and realignment of mainline.

2.7 SMART SCALE SCORE			
	#198 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$11,030,737
		Total Project Cost	$14,530,737
	#32 OF 53 DISTRICTWIDE	**Project Benefit**	3.0
		Project Benefit / Total Cost	2.1

Submitting Entity: Suffolk City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	0.0 persons	0.5 person hrs.	36.6 EPDO	613.8 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	0.0 adj sq. ft.	0.0 daily tons	3,581,187.2 adj. buffer time index	1,183.0 adjusted points	20.6 impacted acres	0.5 access * pop/emp density.h	0.6 access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.1	5.9	1.7	0.0	0.0	0.0	0.0	0.0	0.0	26.6	1.6	0.8	0.8
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	0.0		4.6		0.0			0.0			26.6		0.8	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%	5 (max point reduction)	20%	
Weighted Factor Value	0.0		0.2		0.0			0.0			2.7	-0.1	0.2	
Project Benefit	3.0													
SMART SCALE Cost	$11,030,737													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**2.7**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

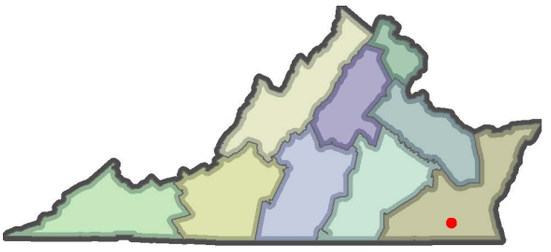
Route 10/32 Diverging Diamond Interchange

Project Id: 7047

Convert the Godwin Blvd (SR 10/32) interchange with the Suffolk Bypass (US 460/58/13) from a partial cloverleaf design to a diverging diamond interchange (DDI). The on-ramps in the northwest & southeast quadrants will be widened. The eastbound Suffolk Bypass off-ramp to Godwin Boulevard will be on new alignment. There are no proposed changes to accel/decel lanes to & from the interchange.

4.0 SMART SCALE SCORE			
	#147 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$12,901,047
		Total Project Cost	$16,401,047
	#24 OF 53 DISTRICTWIDE	**Project Benefit**	5.2
		Project Benefit / Total Cost	3.2

Submitting Entity: Suffolk City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: DGP
Evacuation Route: No
VTRANS Need: Safety (non-CoSS)



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	0.0 persons	27.5 person hrs.	41.3 EPDO	961.8 EPDO / 100M VMT	17.6 jobs per resident	17.5 jobs per resident	0.0 adjusted users	207,492.7 adj sq. ft.	41,713.7 daily tons	12,967,146.8 adj. buffer time index	0.0 adjusted points	35.1 impacted acres	16.7 access * pop/emp density.h	8.9 access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	4.5	6.6	2.7	1.0	0.9	0.0	0.3	3.3	0.1	0.0	2.7	25.3	13.5
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	2.3		5.4		0.8			0.9			0.0		19.4	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%	5 (max point reduction)	20%	
Weighted Factor Value	1.0		0.3		0.1			0.0			0.0	-0.1	3.9	
Project Benefit	5.2													
SMART SCALE Cost	$12,901,047													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**4.0**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

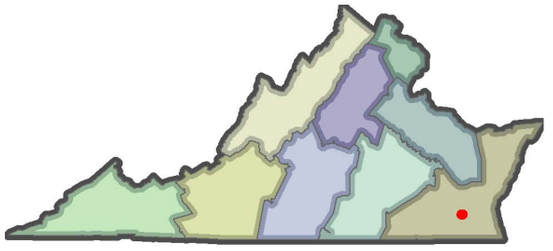
Route 17 (Bridge Road) Roadway Widening

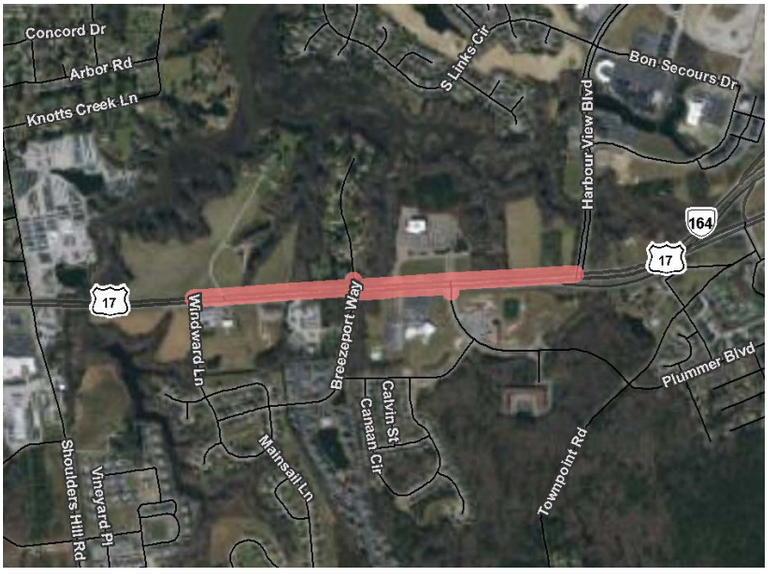
Project Id: 7064

This project will provide improvements along the Bridge Rd (Route 17) corridor from 0.10 miles west of Windward Lane to Harbour View Blvd. The improvements include widening & extension of travel lanes in both direction & the addition & improvement to turn lanes. In addition, the project will replace two traffic signals . Additional pedestrian & bike accommodations will also be extended on the east side of Route 17 to close the gap between Harbourview Boulevard and Breezeport Way.

4.0 SMART SCALE SCORE			
	#149 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$9,796,731
		Total Project Cost	$12,796,731
	#25 OF 53 DISTRICTWIDE	**Project Benefit**	3.9
		Project Benefit / Total Cost	3.1

Submitting Entity: Suffolk City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance





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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	41.5 persons	1.4 person hrs.	33.9 EPDO	272.8 EPDO / 100M VMT	23.5 jobs per resident	19.9 jobs per resident	124.6 adjusted users	322,285.8 adj sq. ft.	59,118.8 daily tons	12,442,962.0 adj. buffer time index	166.2 adjusted points	9.9 impacted acres	9.0 access * pop/emp density.h	7.1 access * pop/emp density change.
Normalized Measure Value (0-100)	2.2	0.2	5.4	0.8	1.4	1.0	5.1	0.5	4.6	0.1	3.7	0.8	13.7	10.8
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	1.2		4.0		2.0			1.3			3.7		12.2	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%	5 (max point reduction)	20%	
Weighted Factor Value	0.6		0.2		0.3			0.1			0.4	0.0	2.4	
Project Benefit	3.9													
SMART SCALE Cost	$9,796,731													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**4.0**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

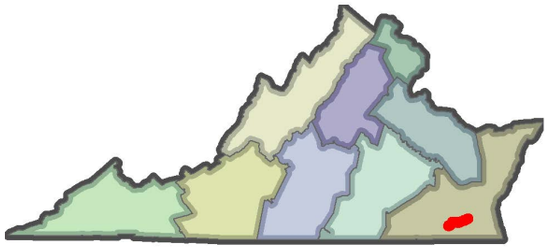
Suffolk Express Commuter Bus

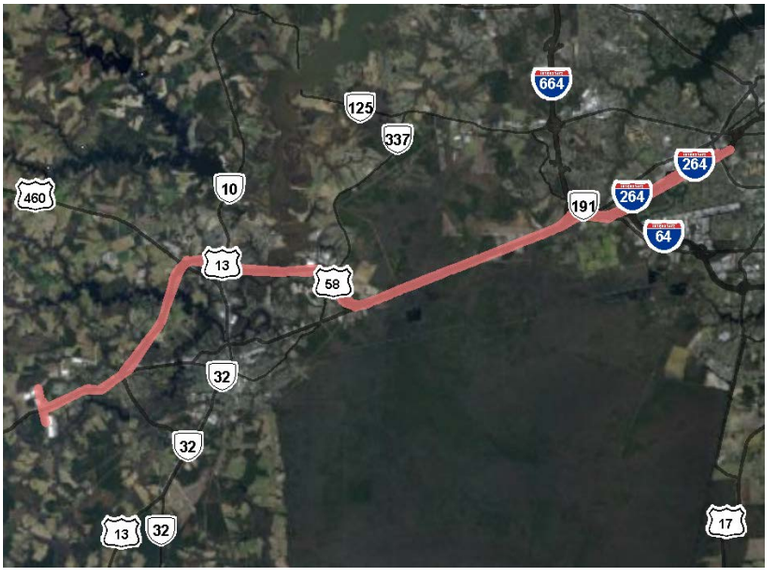
Project Id: 6718

This project will create a new express commuter bus route between high-employment industrial areas within the City of Suffolk, the Suffolk Park and Ride, and the Portsmouth Transfer station. It will create an option for workers to get to and from work in areas with little to no current transportation alternative. This project will attempt to address the VTRANs need network connectivity and transportation demand management. This request is for Capital to purchase 2 busses for this project.

238.1 SMART SCALE SCORE	#1 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$357,569
	#1 OF 53 DISTRICTWIDE	**Total Project Cost**	$357,569
		Project Benefit	8.5
		Project Benefit / Total Cost	238.1

Submitting Entity: Suffolk Transit
Preliminary Engineering: Not Needed
Right of Way: Not Needed
Construction: Not Needed
Eligible Fund Program: HPP
Evacuation Route: No
VTRANS Need: Corridor of Statewide Significance





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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	9.2 persons	1.0 person hrs.	1.8 EPDO	0.6 EPDO / 100M VMT	8.8 jobs per resident	4.4 jobs per resident	45.9 adjusted users	8,815,409.1 adj sq. ft.	0.0 daily tons	80,301,172.5 adj. buffer time index	2,066.2 adjusted points	0.0 impacted acres	14.1 access * pop/emp density.h	6.8 access * pop/emp density change.
Normalized Measure Value (0-100)	0.5	0.2	0.3	0.0	0.5	0.2	1.9	14.2	0.0	0.7	46.5	0.0	21.3	10.4
Measure Weight (% of Factor)	50%	50%	100%	0%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	0.3		0.3		0.7			8.6			46.5		15.8	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%	5 (max point reduction)	20%	
Weighted Factor Value	0.1		0.0		0.1			0.4			4.6	0.0	3.2	
Project Benefit	8.5													
SMART SCALE Cost	$357,569													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**238.1**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

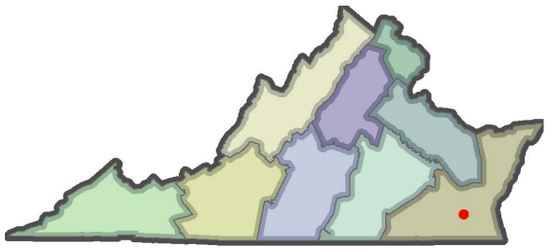
College Drive Bus Pullout

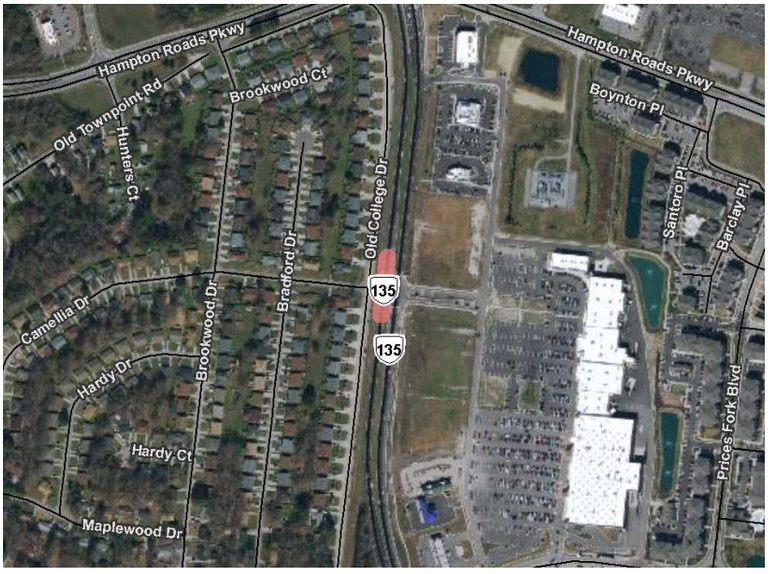
Project Id: 6972

Construct bus turnout along SB College Dr. at Kroger within existing grass median. Construct curb along turnout and a raised concrete median. Construct a station pad and shelter. Construct sidewalk to existing pedestrian crossing. Relocate existing pedestrian signal, foundation, junction box, and street light. Install pedestal light at station. Install new traffic signal head on existing mast arm. Extend stop bar and pedestrian crosswalk. Install new BUS ONLY and striping pavement markings.

35.7 SMART SCALE SCORE			SMART SCALE Requested Funds	$871,930
	#6	OF 397 STATEWIDE	Total Project Cost	$871,930
	#4	OF 53 DISTRICTWIDE	Project Benefit	3.1
			Project Benefit / Total Cost	35.7

Submitting Entity: Suffolk Transit
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: HPP
Evacuation Route: No
VTRANS Need: Regional Network





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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	1.0 persons	0.0 person hrs.	0.0 EPDO	0.1 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	5.0 adjusted users	0.0 adj sq. ft.	0.0 daily tons	0.0 adj. buffer time index	3.0 adjusted points	0.0 impacted acres	10.9 access * pop/emp density.h	9.5 access * pop/emp density change.
Normalized Measure Value (0-100)	0.1	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.1	0.0	16.5	14.4
Measure Weight (% of Factor)	50%	50%	100%	0%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	0.0		0.0		0.0			0.0			0.1		15.4	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%	5 (max point reduction)	20%	
Weighted Factor Value	0.0		0.0		0.0			0.0			0.0	0.0	3.1	
Project Benefit	3.1													
SMART SCALE Cost	$871,930													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**35.7**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

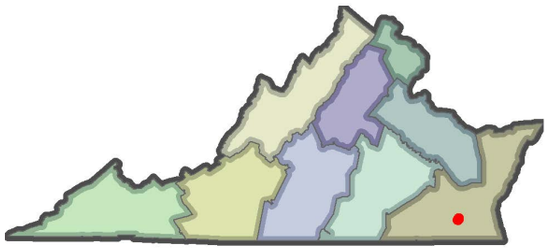
Suffolk Seaboard Coastline Trail - Phase IIIA

Project Id: 7069

This project will extend the existing Seaboard Coastline an additional 1.75 miles from the Driver trailhead to Nansemond River High School. This segment is a continuation part of a planned 11-mile trail.

7.5 SMART SCALE SCORE			
	#88 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$3,112,652
		Total Project Cost	$3,452,239
	#18 OF 53 DISTRICTWIDE	**Project Benefit**	2.3
		Project Benefit / Total Cost	6.7

Submitting Entity: Suffolk Transit
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: HPP
Evacuation Route: No
VTRANS Need: Regional Network



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	140.0 persons	0.0 person hrs.	0.0 EPDO	0.0 EPDO / 100M VMT	2.2 jobs per resident	2.0 jobs per resident	420.0 adjusted users	0.0 adj sq. ft.	0.0 daily tons	0.0 adj. buffer time index	0.0 adjusted points	77.7 impacted acres	0.7 access * pop/emp density.h	1.9 access * pop/emp density change.
Normalized Measure Value (0-100)	7.5	0.0	0.0	0.0	0.1	0.1	17.3	0.0	0.0	0.0	0.0	6.0	1.0	2.9
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	3.8		0.0		3.5			0.0			0.0		2.0	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%	5 (max point reduction)	20%	
Weighted Factor Value	1.7		0.0		0.5			0.0			0.0	-0.3	0.4	
Project Benefit	2.3													
SMART SCALE Cost	$3,112,652													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**7.5**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

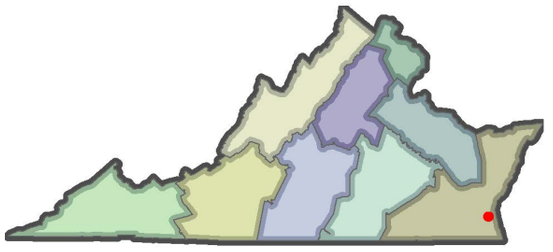
Laskin Road Phase III

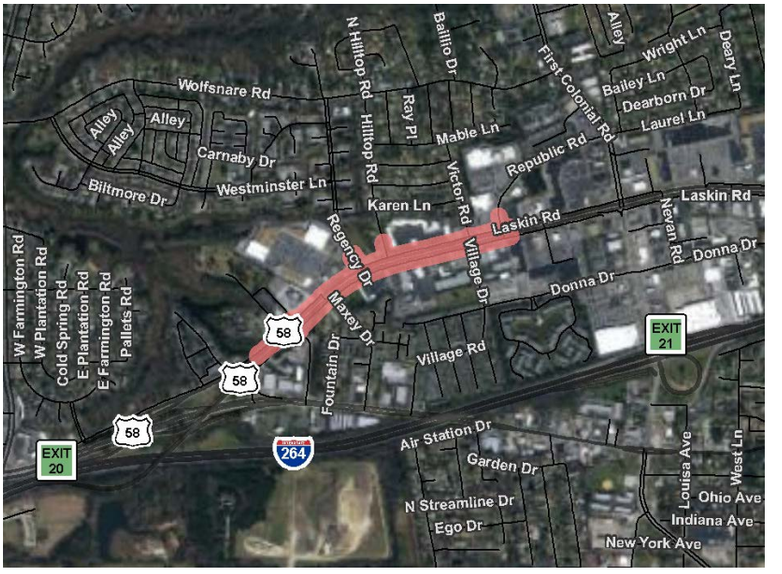
Project Id: 6688

Widen Laskin Road from Republic Road to just west of Phillip Avenue from 4 to 6 lanes by absorbing existing frontage roads. Directional median included at Phillips Avenue intersection. Reconfigure Laskin Rd/Regency Drive to a Continuous Green-T intersection. Includes wide outside lanes to accommodate cyclists, 10-ft shared use path on Laskin Rd WB, 5-ft sidewalk on Laskin Rd EB, and installation of bus shelters at four existing bus stops.

3.4 SMART SCALE SCORE			
	#173 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$25,600,000
		Total Project Cost	$34,836,248
	#29 OF 53 DISTRICTWIDE	**Project Benefit**	8.6
		Project Benefit / Total Cost	2.5

Submitting Entity: Virginia Beach City
Preliminary Engineering: Underway
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance





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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	46.5 persons	8.9 person hrs.	63.8 EPDO	61.7 EPDO / 100M VMT	22.6 jobs per resident	20.0 jobs per resident	232.3 adjusted users	102,245.5 adj sq. ft.	1,954.1 daily tons	443,900,272.1 adj. buffer time index	255.5 adjusted points	114.0 impacted acres	20.2 access * pop/emp density.h	24.4 access * pop/emp density change.
Normalized Measure Value (0-100)	2.5	1.5	10.2	0.2	1.3	1.0	9.5	0.2	0.2	4.1	5.7	8.8	30.5	37.0
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	2.0		7.2		2.9			1.0			5.7		33.8	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%	5 (max point reduction)	20%	
Weighted Factor Value	0.9		0.4		0.4			0.0			0.6	-0.4	6.8	
Project Benefit	8.6													
SMART SCALE Cost	$25,600,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**3.4**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

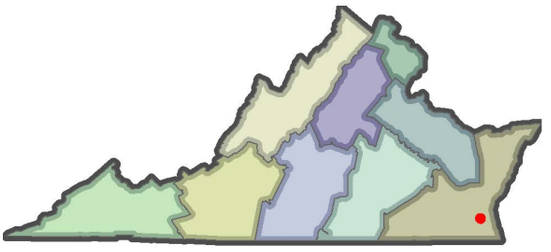
Holland Road Phase I

Project Id: 6690

Reconfigure Holland Road as a 6-lane superstreet by adding additional through lanes in both directions from S. Independence Boulevard to S. Plaza Trail and installing R-CUT intersections at the unsignalized intersections. Install continuous 5-foot wide sidewalk on both sides of Holland Rd as well as LED street lights and installation of bus shelters at four existing bus stops.

11.3 SMART SCALE SCORE			
	#42 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$16,800,000
		Total Project Cost	$24,510,485
	#10 OF 53 DISTRICTWIDE	**Project Benefit**	19.1
		Project Benefit / Total Cost	7.8

Submitting Entity: Virginia Beach City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: No
VTRANS Need: Regional Network



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	348.3 persons	121.5 person hrs.	80.1 EPDO	94.3 EPDO / 100M VMT	175.0 jobs per resident	186.9 jobs per resident	583.6 adjusted users	135,354.8 adj sq. ft.	6,554.5 daily tons	442,374,935.1 adj. buffer time index	642.0 adjusted points	5.3 impacted acres	19.4 access * pop/emp density.h	23.7 access * pop/emp density change.
Normalized Measure Value (0-100)	18.7	19.9	12.9	0.3	10.1	9.5	24.0	0.2	0.5	4.1	14.4	0.4	29.3	35.9
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	19.3		9.1		12.8			1.1			14.4		32.6	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%	5 (max point reduction)	20%	
Weighted Factor Value	8.7		0.5		1.9			0.1			1.4	0.0	6.5	
Project Benefit	19.1													
SMART SCALE Cost	$16,800,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**11.3**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

Independence Blvd/Edwin Drive Intersection Improvements

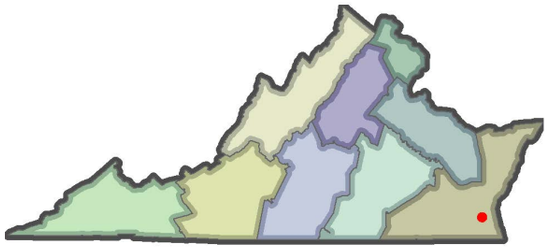
Project Id: 6692

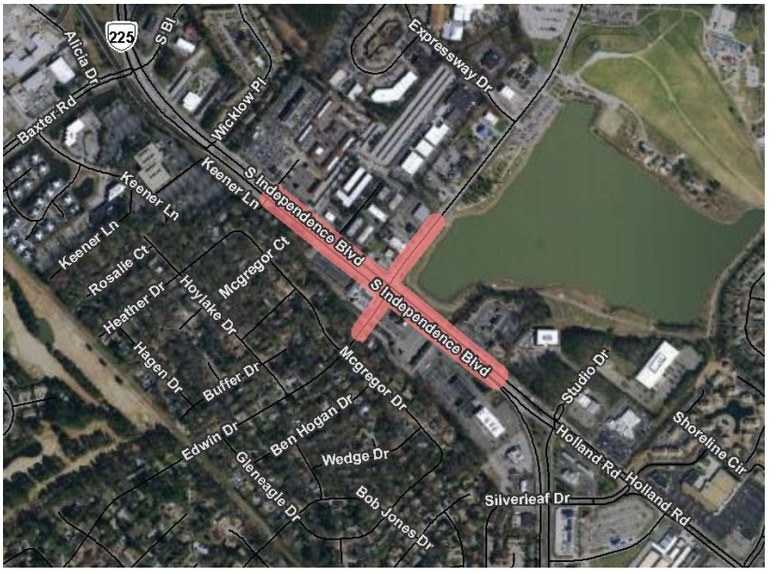
Convert left-turn movements in both directions of S. Independence Blvd at Edwin Drive to median left-turns upstream and downstream of the mainline intersection (Median U-Turns). Widen EB and WB approaches on Edwin Drive to 2-Lefts, 1-Thru and 1-Right. Install continuous 5-ft sidewalk on both sides of Independence and Edwin with a connection to existing shared-use path on Edwin as well as installation of bus shelters at two existing bus stops.

11.2 SMART SCALE SCORE			
	#44	OF 397 STATEWIDE	
	#11	OF 53 DISTRICTWIDE	

SMART SCALE Requested Funds	$9,800,000
Total Project Cost	$14,592,026
Project Benefit	11.0
Project Benefit / Total Cost	7.5

Submitting Entity: Virginia Beach City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: No
VTRANS Need: Regional Network





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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	110.8 persons	24.6 person hrs.	35.5 EPDO	11.8 EPDO / 100M VMT	8.9 jobs per resident	9.0 jobs per resident	553.8 adjusted users	183,911.9 adj sq. ft.	0.0 daily tons	1,621,658,280.2 adj. buffer time index	553.8 adjusted points	8.1 impacted acres	19.0 access * pop/emp density.h	23.5 access * pop/emp density change.
Normalized Measure Value (0-100)	5.9	4.0	5.7	0.0	0.5	0.5	22.8	0.3	0.0	15.0	12.5	0.6	28.8	35.6
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	5.0		4.0		5.0			3.2			12.5		32.2	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%	5 (max point reduction)	20%	
Weighted Factor Value	2.2		0.2		0.7			0.2			1.2	0.0	6.4	
Project Benefit	11.0													
SMART SCALE Cost	$9,800,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**11.2**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

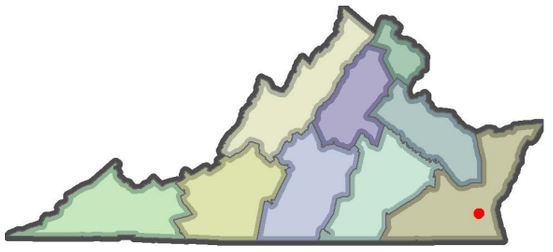
PROJECT SCORECARD

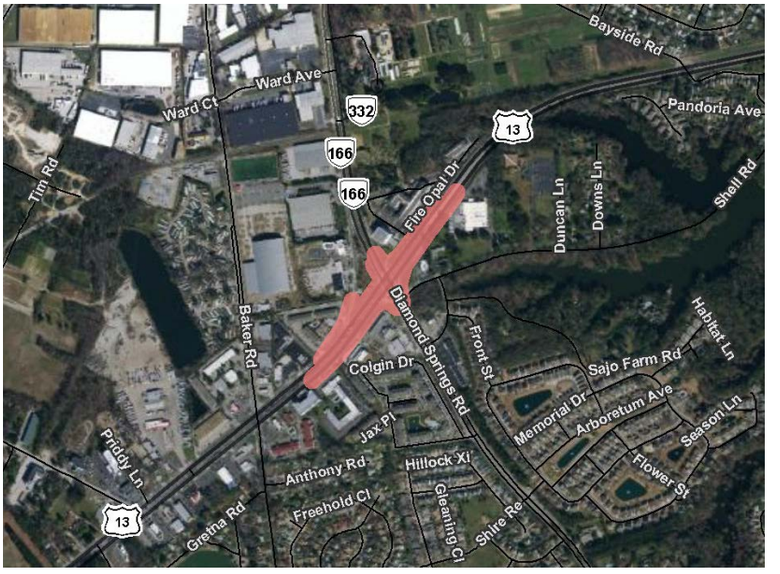
Northampton Blvd/Diamond Springs Intersection Improvements Project Id: 6696

Convert left-turn movements in both directions of Northampton Boulevard at the intersection with Diamond Springs Road to displaced left-turns. Install signalized pedestrian crossings at the intersection and continuous 5-ft wide sidewalks on all four legs of the intersections and associated approaches. Two existing bus stops will be relocated and shelters will be installed.

7.6 SMART SCALE SCORE			
	#85 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$9,800,000
		Total Project Cost	$13,431,136
	#16 OF 53 DISTRICTWIDE	**Project Benefit**	7.4
		Project Benefit / Total Cost	5.5

Submitting Entity: Virginia Beach City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance





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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	61.6 persons	61.4 person hrs.	32.6 EPDO	639.7 EPDO / 100M VMT	98.0 jobs per resident	80.3 jobs per resident	307.9 adjusted users	69,177.9 adj sq. ft.	65,401.2 daily tons	0.0 adj. buffer time index	215.5 adjusted points	6.7 impacted acres	10.3 access * pop/emp density.h	7.5 access * pop/emp density change.
Normalized Measure Value (0-100)	3.3	10.1	5.2	1.8	5.7	4.1	12.7	0.1	5.1	0.0	4.8	0.5	15.5	11.4
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	6.7		4.2		6.8			1.1			4.8		13.4	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%	5 (max point reduction)	20%	
Weighted Factor Value	3.0		0.2		1.0			0.1			0.5	0.0	2.7	
Project Benefit	7.4													
SMART SCALE Cost	$9,800,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**7.6**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

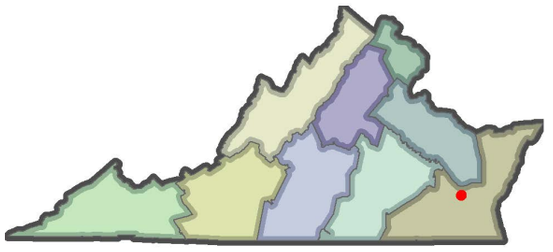
Route 17-Route 171 Intersection Improvements

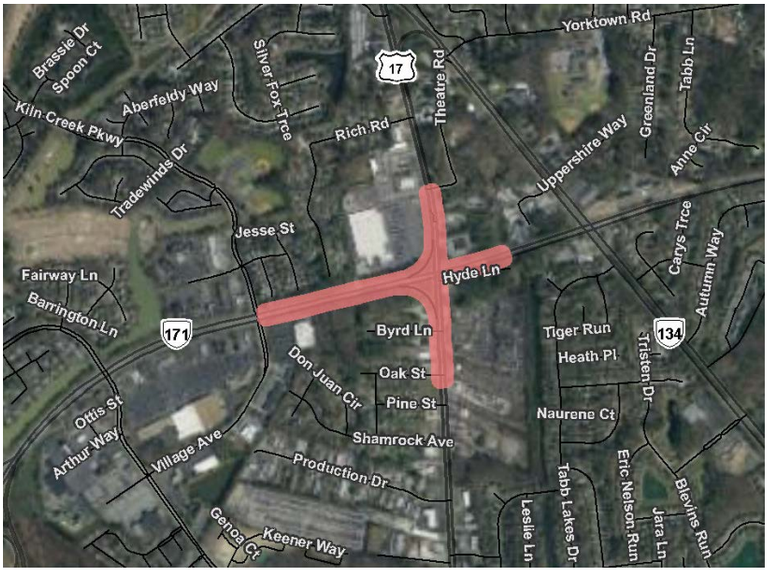
Project Id: 7001

Improve the intersection of US Route 17 and Route 171 by widening northbound and southbound Route 17 approaches and constructing a third left turn lane and a third through lane on the eastbound Route 171 approach.

3.7 SMART SCALE SCORE			
	#159 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$16,768,352
		Total Project Cost	$16,768,352
	#27 OF 53 DISTRICTWIDE	**Project Benefit**	6.3
		Project Benefit / Total Cost	3.7

Submitting Entity: York County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance





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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	0.0 persons	51.1 person hrs.	35.8 EPDO	780.6 EPDO / 100M VMT	39.8 jobs per resident	26.9 jobs per resident	0.0 adjusted users	61,710.9 adj sq. ft.	14,864.8 daily tons	41,387,032.7 adj. buffer time index	0.0 adjusted points	22.2 impacted acres	11.6 access * pop/emp density.h	14.7 access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	8.4	5.7	2.2	2.3	1.4	0.0	0.1	1.2	0.4	0.0	1.7	17.5	22.3
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	4.2		4.7		1.7			0.4			0.0		19.9	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%	5 (max point reduction)	20%	
Weighted Factor Value	1.9		0.2		0.2			0.0			0.0	-0.1	4.0	
Project Benefit	6.3													
SMART SCALE Cost	$16,768,352													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**3.7**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

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LYNCHBURG DISTRICT

FY 2022

SCORECARDS

Commonwealth Transportation Board
Office of Intermodal Planning and Investment
Virginia Department of Transportation
Virginia Department of Rail and Public Transportation

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SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

Display Id	Project Name	Organization	District Rank	State Rank	Page #
6916	Berry Hill Connector Road Extension	Danville Metropolitan Planning Organization	1	112	05-15
6827	Wards Ferry Rd. and CVCC Campus Drive Roundabout	Lynchburg City	2	182	05-20
7171	Segment Improvement on US 60 between Wash. St. and Rt. 29	Amherst County	3	193	05-01
6951	Candlers Mountain Road Interchange Improvements	Lynchburg City	4	195	05-21
7082	RTE 29 at Tighsqueeze Road	Pittsylvania County	5	201	05-25
7143	L.P. Bailey Mem. Hwy. (US501)-Bethel Rd. (VA360) Roundabout	Halifax County	6	219	05-19
7108	US 501 & Factory St. & Wall St. Roundabout	South Boston Town	7	227	05-29
6805	Route 29 Safety Improvements- Northern Section	Campbell County	8	263	05-04
6807	Route 29 Safety Improvements - Middle Section	Campbell County	9	277	05-05
7114	643 (High St.) & Oak St. / Griffin Blvd. Roundabout	Farmville Town	10	287	05-17
6689	Timberlake Road Improvements (Greenview Dr. to Laxton Rd.)	Central Virginia Metropolitan Planning Organization	11	290	05-07
7033	Route 6/151 Intersection	Nelson County	12	305	05-23
6849	Route 29 Safety Improvements - Southern Section	Campbell County	13	313	05-06
7087	US Route 29 at Malmaison Road Roundabout	Pittsylvania County	14	317	05-26
6911	Riverside Dr. Improvements Park Ave. to Westover Dr.	Danville City	15	326	05-11
7138	US 58/Route 751 Intersection	Halifax County	16	327	05-18
6910	Riverside Dr. Improvements - Piney Forest Rd. to Audubon Dr.	Danville City	17	332	05-10
6912	Riverside Dr. Improvements Arnett Blvd. to Main St.	Danville City	18	335	05-12
6990	Continuous Green-T Layout - Griffin Boulevard	Farmville Town	19	355	05-16
7107	US 501 (Wilborn St. / Broad St.) & Crescent Dr. Roundabout	South Boston Town	20	376	05-28
6804	Route 501 Passing Lanes	Campbell County	21	379	05-03
6846	Enhancements to Kentuck Road	Danville Metropolitan Planning Organization	22	380	05-14
6824	Piedmont Drive Pedestrian Accessibility Improvements	Danville City	23	381	05-09
7089	US 29 at Lawless Creek Road	Pittsylvania County	24	382	05-27
7035	Route 151 at Tanbark Drive intersection improvements	Nelson County	25	384	05-24
6817	Prince Edward US 460 East Interchange Improvements Project	Commonwealth Regional Council	26	385	05-08
7032	Route 29 & Oak Ridge Road	Nelson County	27	386	05-22

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

Display Id	Project Name	Organization	District Rank	State Rank	Page #
6830	Mt Cross Road Roundabout	Danville Metropolitan Planning Organization	28	387	05-13
7122	Lee-Grant Avenue Improvements	Appomattox County	29	388	05-02

SMART SCALE Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

Segment Improvement on US 60 between Wash. St. and Rt. 29 Project Id: 7171

Reconstruct the median of the US 60 bridge over US 29 and re-stripe to include one through-lane in each direction along with left-turn bays for the ramps to US 29. Also re-stripe the approaches to the bridge to include turn lanes and one through-lane in each direction. All improvements are with the existing right-of-way.

2.8 SMART SCALE SCORE			
	#193 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$2,236,523
		Total Project Cost	$2,236,523
	#3 OF 29 DISTRICTWIDE	**Project Benefit**	0.6
		Project Benefit / Total Cost	2.8

Submitting Entity: Amherst County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: DGP
Evacuation Route: Yes
VTRANS Need: Urban Development Area

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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	0.0 persons	0.1 person hrs.	2.9 EPDO	875.6 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	0.0 adj sq. ft.	0.0 daily tons	167,103.1 adj. buffer time index	159.0 adjusted points	0.0 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	0.5	2.5	0.0	0.0	0.0	0.0	0.0	0.0	3.6	0.0		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.0		1.1		0.0			0.0			3.6			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		0.3		0.0			0.0			0.4	0.0		
Project Benefit	0.6													
SMART SCALE Cost	$2,236,523													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**2.8**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

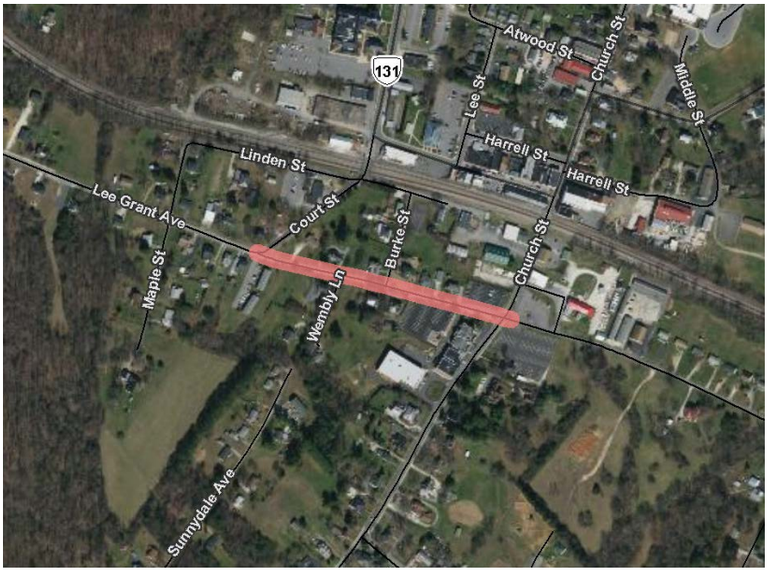
Lee-Grant Avenue Improvements

Project Id: 7122

Provide school buses and students safe travel conditions along a primary elementary school route. The project will widen, through minimum 40' of right-of-way acquisition, the narrow (17'-18') roadway to allow for two (2) 11-ft travel lanes with CG-6 curb & gutter; and replace the current 4' , at-grade sidewalk, providing no barrier from cars, with a 6' wide, raised sidewalk providing a safe, separated walking facility for children and families to access the school and Town amenities.

0.0 SMART SCALE SCORE			
	#396 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$6,122,315
		Total Project Cost	$7,122,315
	#29 OF 29 DISTRICTWIDE	**Project Benefit**	0.0
		Project Benefit / Total Cost	0.0

Submitting Entity: Appomattox County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: DGP
Evacuation Route: No
VTRANS Need: Urban Development Area



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	0.6 persons	0.1 person hrs.	0.0 EPDO	0.0 EPDO / 100M VMT	0.3 jobs per resident	0.3 jobs per resident	0.9 adjusted users	0.0 adj sq. ft.	54.4 daily tons	0.0 adj. buffer time index	1.2 adjusted points	17.9 impacted acres	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	1.4		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	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%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		0.0		0.0			0.0			0.0	-0.1		
Project Benefit	0.0													
SMART SCALE Cost	$6,122,315													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.0**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

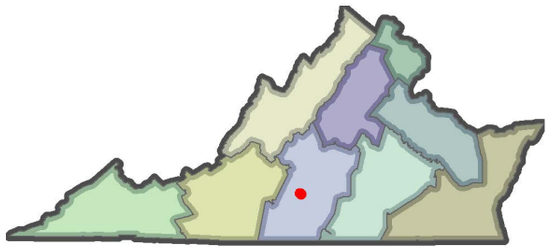
Route 501 Passing Lanes

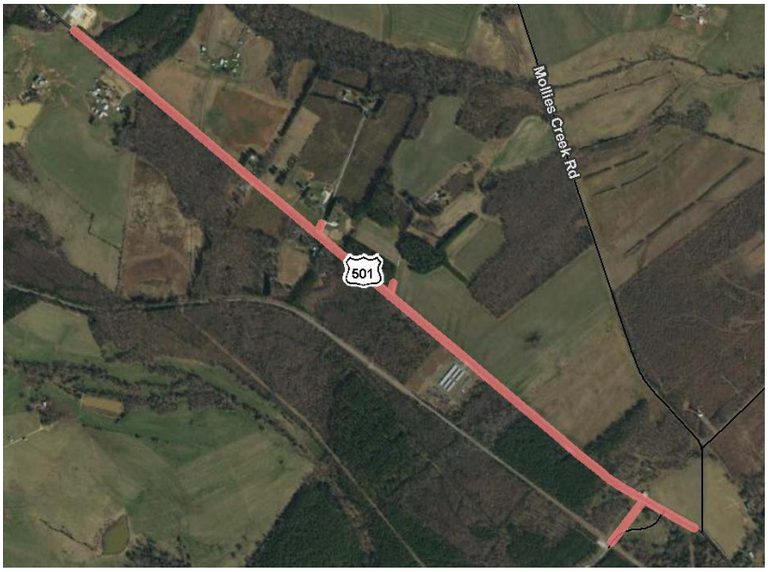
Project Id: 6804

Provide improvements for passing lanes along a 1.9 mile segment of Route 501 south of Gladys Virginia. This project also includes the realignment of the intersection of Rte 970 with Rte 501 and the realignment of the intersection of Rte 650 with Rte 501.

0.1 SMART SCALE SCORE	**#379** OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$29,078,100
		Total Project Cost	$29,078,100
	#21 OF 29 DISTRICTWIDE	**Project Benefit**	0.4
		Project Benefit / Total Cost	0.1

Submitting Entity: Campbell County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: No
VTRANS Need: Regional Network





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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	0.0 persons	0.0 person hrs.	10.2 EPDO	334.5 EPDO / 100M VMT	1.0 jobs per resident	0.8 jobs per resident	0.0 adjusted users	2,581.9 adj sq. ft.	0.0 daily tons	2,743,966.9 adj. buffer time index	0.0 adjusted points	1.1 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	1.6	0.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.0		1.4		0.0			0.0			0.0			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		0.4		0.0			0.0			0.0	0.0		
Project Benefit	0.4													
SMART SCALE Cost	$29,078,100													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.1**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

Route 29 Safety Improvements- Northern Section

Project Id: 6805

Construct a blended solution set to address identified problems and themed solutions to the northern section of the roadway along Route 29 from the northern loop end of the English Tavern Road at Davis Farm Fresh Produce to the Lynchburg City Limits. Improvement include one RCUT at Woolridge Heating and Air, four crossover closures, and implementing or extending turn lanes at numerous locations to this major transportation corridor.

1.6 SMART SCALE SCORE			
	#263 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$17,030,881
		Total Project Cost	$17,030,881
	#8 OF 29 DISTRICTWIDE	**Project Benefit**	2.6
		Project Benefit / Total Cost	1.6

Submitting Entity: Campbell County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance

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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	194.4 persons	21.1 person hrs.	31.3 EPDO	286.2 EPDO / 100M VMT	12.6 jobs per resident	15.0 jobs per resident	0.0 adjusted users	368,648.9 adj sq. ft.	107,661.1 daily tons	31,091,871.3 adj. buffer time index	0.0 adjusted points	2.2 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	10.4	3.5	5.0	0.8	0.7	0.8	0.0	0.6	8.5	0.3	0.0	0.2		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	7.0		3.8		0.6			2.1			0.0			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	1.0		0.9		0.1			0.5			0.0	0.0		
Project Benefit	2.6													
SMART SCALE Cost	$17,030,881													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.6**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

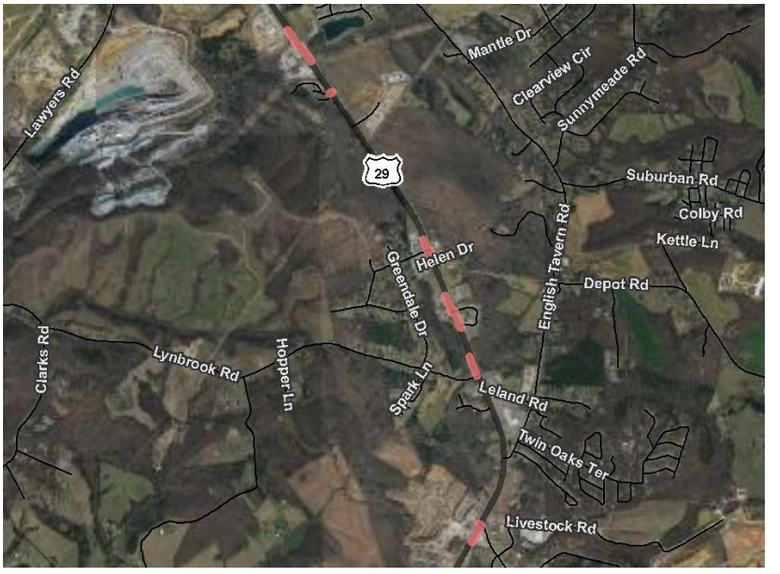
Route 29 Safety Improvements - Middle Section

Project Id: 6807

Construct a blended solution set to address identified problems and themed solutions in the middle section along Route 29 from Calohan Road to the northern loop end of English Tavern Road at Davis Farm Fresh Produce. Improvement include 11 turn lane improvements, three crossover closures, and flashing yellow beacons at Calohan Road to this major transportation corridor.

1.3 SMART SCALE SCORE	**#277** OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$8,544,527
		Total Project Cost	$8,544,527
	#9 OF 29 DISTRICTWIDE	**Project Benefit**	1.1
		Project Benefit / Total Cost	1.3

Submitting Entity: Campbell County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	0.0 persons	0.4 person hrs.	30.6 EPDO	940.2 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	91,958.5 adj sq. ft.	0.0 daily tons	9,349,277.5 adj. buffer time index	0.0 adjusted points	1.3 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.1	4.9	2.6	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.1		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.0		4.2		0.0			0.1			0.0			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		1.1		0.0			0.0			0.0	0.0		
Project Benefit	1.1													
SMART SCALE Cost	$8,544,527													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.3**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

Route 29 Safety Improvements - Southern Section

Project Id: 6849

Construct a blended solution set to address identified problems and themed solutions along Route 29 from Route 24 to Calohan Road. Improvement include installing RCUTs at the entrance to Nick Rayne's Garage and Yellow Branch Elementary School, closing two entrances at various locations, and implementing numerous turn lane improvements to this major transportation corridor.

0.9 SMART SCALE SCORE			
	#313 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$12,415,222
		Total Project Cost	$12,415,222
	#13 OF 29 DISTRICTWIDE	**Project Benefit**	1.1
		Project Benefit / Total Cost	0.9

Submitting Entity: Campbell County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance

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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	0.0 persons	0.2 person hrs.	32.4 EPDO	763.7 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	88,132.9 adj sq. ft.	0.0 daily tons	6,874,004.7 adj. buffer time index	0.0 adjusted points	0.7 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	5.2	2.1	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.1		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.0		4.3		0.0			0.1			0.0			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		1.1		0.0			0.0			0.0	0.0		
Project Benefit	1.1													
SMART SCALE Cost	$12,415,222													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.9**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

Timberlake Road Improvements (Greenview Dr. to Laxton Rd.)

Project Id: 6689

The installation of additional left and right turn lanes at Greenview Drive and Laxton Road is anticipated to improve throughput on Timberlake Road and reduce crashes. Sidewalk will be installed along the corridor between Oakdale Circle and Wood Road. Project will also include the relocation and improvement of a bus stop.

1.1 SMART SCALE SCORE	#290 OF 397 STATEWIDE
	#11 OF 29 DISTRICTWIDE

SMART SCALE Requested Funds	$16,779,804
Total Project Cost	$16,779,804
Project Benefit	1.9
Project Benefit / Total Cost	1.1

Submitting Entity: Central Virginia Metropolitan Planning Organization
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: HPP
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance

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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	45.5 persons	4.5 person hrs.	14.9 EPDO	28.2 EPDO / 100M VMT	5.3 jobs per resident	4.6 jobs per resident	227.7 adjusted users	1,311,825.5 adj sq. ft.	0.0 daily tons	183,232,875.0 adj. buffer time index	136.6 adjusted points	0.3 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	2.4	0.7	2.4	0.1	0.3	0.2	9.4	2.1	0.0	1.7	3.1	0.0		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	1.6		1.7		2.1			1.6			3.1			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.2		0.4		0.5			0.4			0.3	0.0		
Project Benefit	1.9													
SMART SCALE Cost	$16,779,804													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.1**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

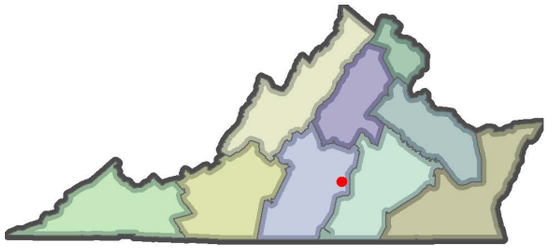
Prince Edward US 460 East Interchange Improvements Project

Project Id: 6817

Modify existing Interchange by adding East and West access ramps to improve access to and from the Town of Farmville as well as improved access to the property along Route 630, both north and south of US 460. The current US 460 East Interchange does not provide westbound access from Business 460 to US 460 or eastbound access from US 460 to Business 460. Currently motorists are forced to make a U-Turn to enter the east entrance.

0.0 SMART SCALE SCORE	**#385** OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$24,960,882
		Total Project Cost	$24,960,882
	#26 OF 29 DISTRICTWIDE	**Project Benefit**	0.1
		Project Benefit / Total Cost	0.0

Submitting Entity: Commonwealth Regional Council
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: HPP
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
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	434,446.1 adj sq. ft.	0.0 daily tons	0.0 adj. buffer time index	0.0 adjusted points	8.2 impacted acres	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	0.7	0.0	0.0	0.0	0.6		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.0		0.0		0.0			0.4			0.0			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		0.0		0.0			0.1			0.0	0.0		
Project Benefit	0.1													
SMART SCALE Cost	$24,960,882													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.0**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

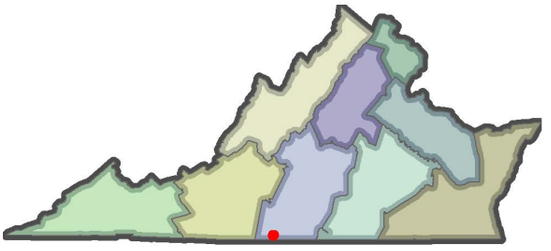
Piedmont Drive Pedestrian Accessibility Improvements

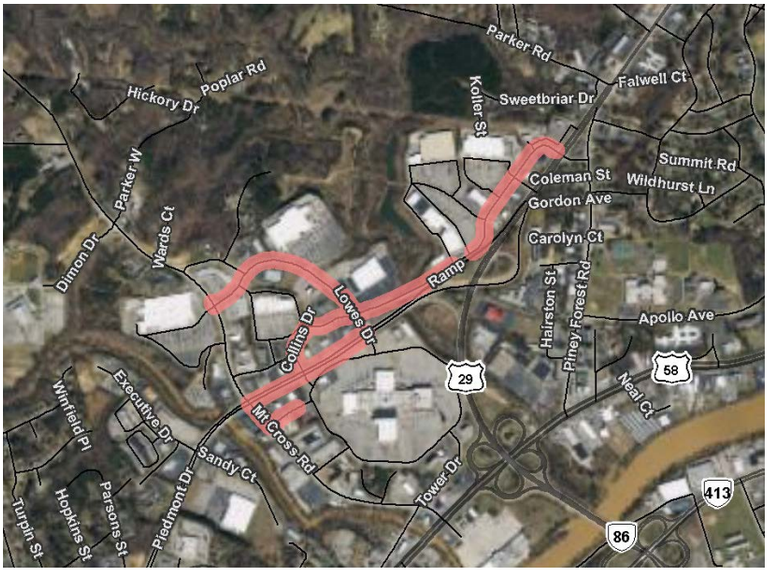
Project Id: 6824

This project includes the installation of approximately 1.8 miles of sidewalk around a major commercial district to enable pedestrians to travel safely between destinations, and to provide connectivity between area bus stop locations as well as Averett University North Campus.

0.1 SMART SCALE SCORE	#381 OF 397 STATEWIDE	SMART SCALE Requested Funds	$18,212,106
		Total Project Cost	$18,712,106
	#23 OF 29 DISTRICTWIDE	Project Benefit	0.2
		Project Benefit / Total Cost	0.1

Submitting Entity: Danville City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: No
VTRANS Need: Regional Network





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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	25.6 persons	0.0 person hrs.	0.7 EPDO	0.0 EPDO / 100M VMT	1.5 jobs per resident	1.3 jobs per resident	38.4 adjusted users	24,182.2 adj sq. ft.	0.0 daily tons	0.0 adj. buffer time index	0.0 adjusted points	0.7 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	1.4	0.0	0.1	0.0	0.1	0.1	1.6	0.0	0.0	0.0	0.0	0.1		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.7		0.1		0.4			0.0			0.0			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.1		0.0		0.1			0.0			0.0	0.0		
Project Benefit	0.2													
SMART SCALE Cost	$18,212,106													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.1**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

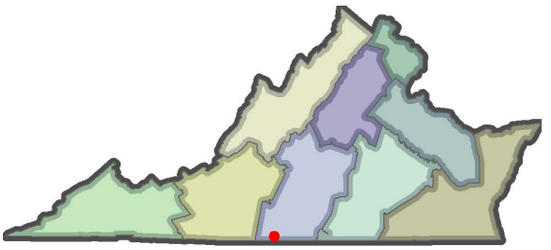
PROJECT SCORECARD

Riverside Dr. Improvements - Piney Forest Rd. to Audubon Dr. Project Id: 6910

Proposed safety improvements, transit improvements and pedestrian improvements along the corridor including RCUTS, bus bay, sidewalks and at-grade pedestrian crossings. This project would connect existing Revenue Sharing project UPC 113288 to proposed Revenue Sharing project ID 5972.

0.6 SMART SCALE SCORE	**#332** OF 397 STATEWIDE **#17** OF 29 DISTRICTWIDE	**SMART SCALE Requested Funds**	$30,306,083
		Total Project Cost	$30,806,083
		Project Benefit	1.8
		Project Benefit / Total Cost	0.6

Submitting Entity: Danville City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	28.4 persons	1.6 person hrs.	37.1 EPDO	271.5 EPDO / 100M VMT	4.3 jobs per resident	4.7 jobs per resident	142.0 adjusted users	120,350.9 adj sq. ft.	0.0 daily tons	34,486,229.6 adj. buffer time index	85.2 adjusted points	5.5 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	1.5	0.3	6.0	0.8	0.3	0.2	5.8	0.2	0.0	0.3	1.9	0.4		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.9		4.4		1.4			0.2			1.9			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.1		1.3		0.2			0.1			0.2	0.0		
Project Benefit	1.8													
SMART SCALE Cost	$30,306,083													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.6**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

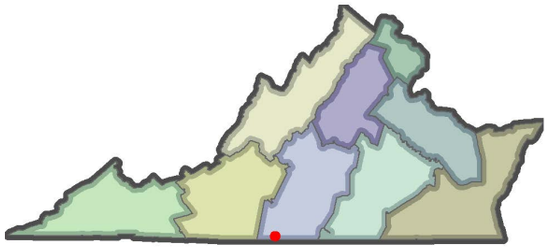
PROJECT SCORECARD

Riverside Dr. Improvements Park Ave. to Westover Dr. Project Id: 6911

Proposed safety improvements, transit improvements and pedestrian improvements along the corridor including RCUTS, bus bay, sidewalks and at-grade pedestrian crossings This project would connect to UPC 113711 which is a Riverwalk trail extension to Riverside Drive.

0.7 SMART SCALE SCORE			
	#326 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$22,387,344
		Total Project Cost	$22,887,344
	#15 OF 29 DISTRICTWIDE	**Project Benefit**	1.6
		Project Benefit / Total Cost	0.7

Submitting Entity: Danville City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	22.0 persons	10.1 person hrs.	31.5 EPDO	182.1 EPDO / 100M VMT	5.5 jobs per resident	7.7 jobs per resident	109.8 adjusted users	8,297.0 adj sq. ft.	3,246.5 daily tons	67,117,680.6 adj. buffer time index	65.9 adjusted points	3.4 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	1.2	1.7	5.1	0.5	0.3	0.4	4.5	0.0	0.3	0.6	1.5	0.3		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	1.4		3.7		1.2			0.2			1.5			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.1		1.1		0.2			0.1			0.1	0.0		
Project Benefit	1.6													
SMART SCALE Cost	$22,387,344													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.7**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

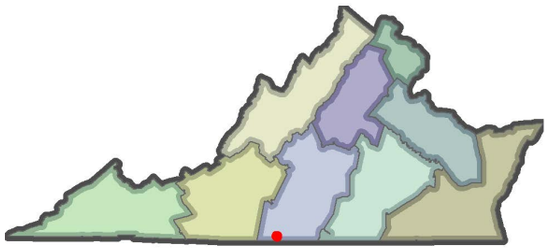
PROJECT SCORECARD

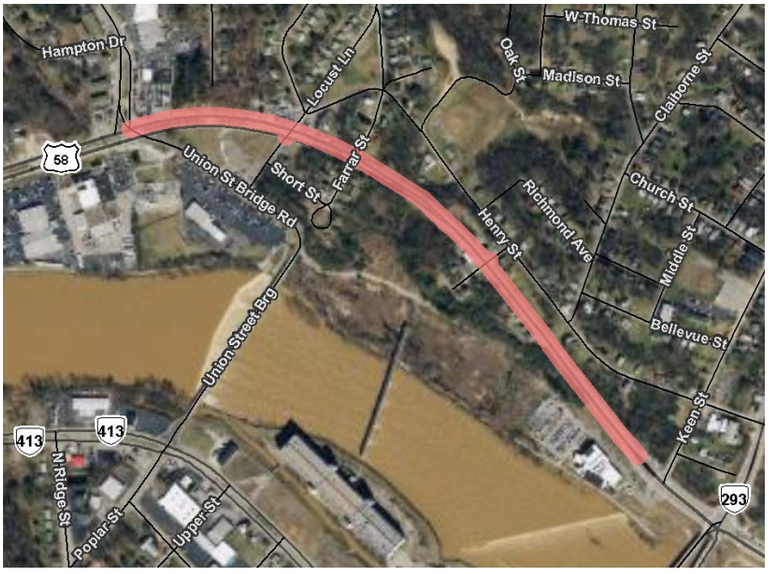
Riverside Dr. Improvements Arnett Blvd. to Main St. Project Id: 6912

Proposed roadway safety improvements and pedestrian improvements along this segment of Riverside Drive corridor including a median barrier at Highland Court, EB left turn lane at Keen Street, closure of the median opening between Locust Lane and Arnett Blvd, sidewalks, and at-grade pedestrian crossings.

0.6 SMART SCALE SCORE			
	#335 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$22,822,581
		Total Project Cost	$23,322,581
	#18 OF 29 DISTRICTWIDE	**Project Benefit**	1.4
		Project Benefit / Total Cost	0.6

Submitting Entity: Danville City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance





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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	20.7 persons	0.6 person hrs.	15.4 EPDO	1,440.1 EPDO / 100M VMT	1.3 jobs per resident	1.7 jobs per resident	31.1 adjusted users	178,371.7 adj sq. ft.	47,635.5 daily tons	4,185,566.6 adj. buffer time index	41.4 adjusted points	14.9 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	1.1	0.1	2.5	4.0	0.1	0.1	1.3	0.3	3.7	0.0	0.9	1.1		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.6		2.9		0.3			0.9			0.9			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.1		0.9		0.0			0.3			0.1	-0.1		
Project Benefit	1.4													
SMART SCALE Cost	$22,822,581													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.6**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

Mt Cross Road Roundabout

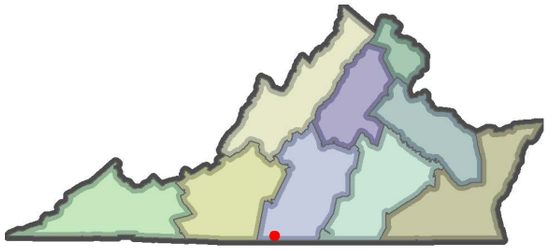
Project Id: 6830

The project will reconfigure the intersection of Mt. Cross Rd and Dimon Dr. in the City of Danville as a 14' lane width roundabout to also include 160 LF of sidewalk, 65 LF of crosswalk, and raised channelization/median islands. A total of 660 ft of road realignment will be necessary to accommodate the roundabout. The project is the natural progression of an existing road widening project (UPC 100822) directly adjacent to, and to the south of, the subject intersection.

0.0 SMART SCALE SCORE	#387 OF 397 STATEWIDE
	#28 OF 29 DISTRICTWIDE

SMART SCALE Requested Funds	$16,515,763
Total Project Cost	$16,515,763
Project Benefit	0.0
Project Benefit / Total Cost	0.0

Submitting Entity: Danville Metropolitan Planning Organization
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: HPP
Evacuation Route: No
VTRANS Need: Regional Network



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	0.5 persons	0.3 person hrs.	0.0 EPDO	0.0 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.8 adjusted users	51,330.5 adj sq. ft.	0.0 daily tons	0.0 adj. buffer time index	1.1 adjusted points	0.1 impacted acres	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	0.1	0.0	0.0	0.0	0.0		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	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%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		0.0		0.0			0.0			0.0	0.0		
Project Benefit	0.0													
SMART SCALE Cost	$16,515,763													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.0**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

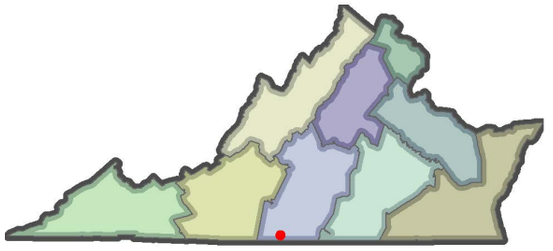
Enhancements to Kentuck Road

Project Id: 6846

The project will improve Kentuck Road from 0.13 miles north of the Ringgold Industrial Pkwy/Kentuck Road intersection to 0.21 miles south of the Ringgold/Kentuck intersection. Improvements will include reconstructing this segment of road to include 12' lanes and 8' paved and 2' graded shoulders. Intersection improvements include a new NB left turn lane on Kentuck Road into Ringgold Industrial Pkwy.

0.1 SMART SCALE SCORE			
	#380 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$11,665,658
		Total Project Cost	$11,665,658
	#22 OF 29 DISTRICTWIDE	**Project Benefit**	0.1
		Project Benefit / Total Cost	0.1

Submitting Entity: Danville Metropolitan Planning Organization
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: HPP
Evacuation Route: No
VTRANS Need: Regional Network



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	0.0 persons	0.0 person hrs.	0.1 EPDO	32.3 EPDO / 100M VMT	0.1 jobs per resident	0.1 jobs per resident	0.0 adjusted users	356,783.4 adj sq. ft.	0.0 daily tons	0.0 adj. buffer time index	0.0 adjusted points	0.7 impacted acres	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	0.6	0.0	0.0	0.0	0.1		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.0		0.0		0.0			0.3			0.0			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		0.0		0.0			0.1			0.0	0.0		
Project Benefit	0.1													
SMART SCALE Cost	$11,665,658													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.1**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

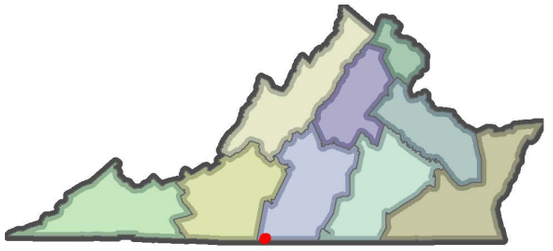
Berry Hill Connector Road Extension

Project Id: 6916

The project involves reconfiguring Berry Hill Rd as an extension of the programmed Berry Hill Connector Road by widening "Segment B" of the road from 2 lanes to a 4-lane Rural Collector Road System (GS-3). The improvements would extend approximately 2.3 miles, from the intersection of the new Connector Road south to Oak Hill Rd. A 2018 study indicates the road is not sufficient to accommodate traffic from the developing adjacent Southern Virginia Mega Site at Berry Hill.

5.5 SMART SCALE SCORE			
	#112 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$38,659,408
		Total Project Cost	$38,659,408
	#1 OF 29 DISTRICTWIDE	**Project Benefit**	21.3
		Project Benefit / Total Cost	5.5

Submitting Entity: Danville Metropolitan Planning Organization
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: HPP
Evacuation Route: No
VTRANS Need: Regional Network



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	0.2 persons	0.1 person hrs.	9.7 EPDO	573.2 EPDO / 100M VMT	0.8 jobs per resident	1.0 jobs per resident	0.0 adjusted users	62,264,039.0 adj sq. ft.	2,857.6 daily tons	1,780,393.6 adj. buffer time index	0.0 adjusted points	40.6 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	1.6	1.6	0.0	0.1	0.0	100.0	0.2	0.0	0.0	3.1		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.0		1.6		0.0			60.0			0.0			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		0.5		0.0			21.0			0.0	-0.2		
Project Benefit	21.3													
SMART SCALE Cost	$38,659,408													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**5.5**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

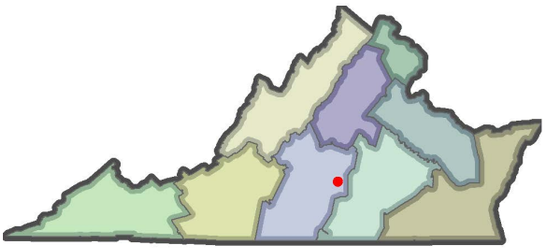
Continuous Green-T Layout - Griffin Boulevard

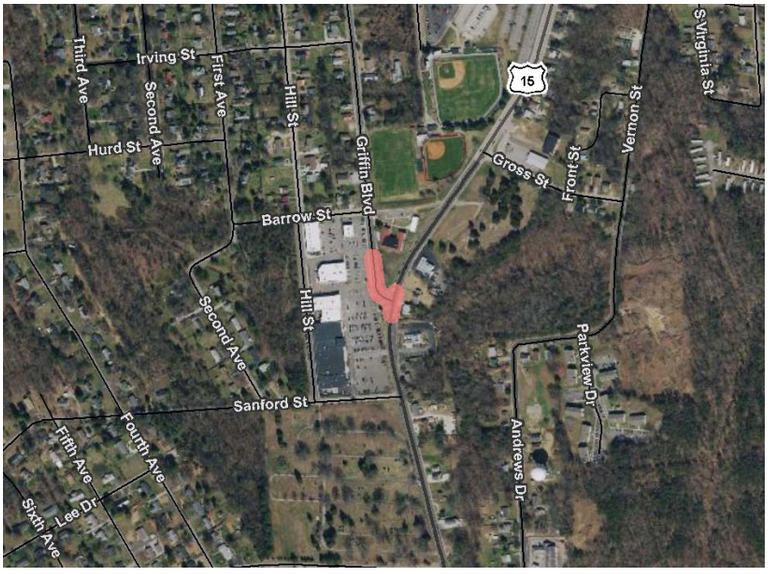
Project Id: 6990

Conversion of Griffin Boulevard and South Main Street intersection into a Continuous Green-T layout. Improve capacity by addition of lanes and improve lane utilization by changing lane configurations. Optimize traffic signal phasing and address safety and access management deficiencies. Improve/retrofit existing sidewalk and pedestrian ramps to current ADA standards.

0.4 SMART SCALE SCORE			
	#355 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$7,847,453
		Total Project Cost	$7,847,453
	#19 OF 29 DISTRICTWIDE	**Project Benefit**	0.3
		Project Benefit / Total Cost	0.4

Submitting Entity: Farmville Town
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: DGP
Evacuation Route: No
VTRANS Need: Safety (non-CoSS)





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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	4.2 persons	3.2 person hrs.	2.9 EPDO	555.0 EPDO / 100M VMT	0.4 jobs per resident	0.4 jobs per resident	6.3 adjusted users	0.0 adj sq. ft.	0.0 daily tons	961,417.6 adj. buffer time index	8.4 adjusted points	0.9 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.2	0.5	0.5	1.6	0.0	0.0	0.3	0.0	0.0	0.0	0.2	0.1		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.4		0.8		0.1			0.0			0.2			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		0.2		0.0			0.0			0.0	0.0		
Project Benefit	0.3													
SMART SCALE Cost	$7,847,453													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.4**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

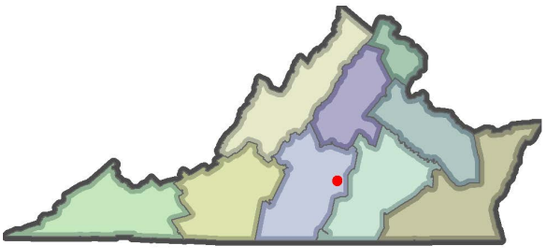
643 (High St.) & Oak St. / Griffin Blvd. Roundabout

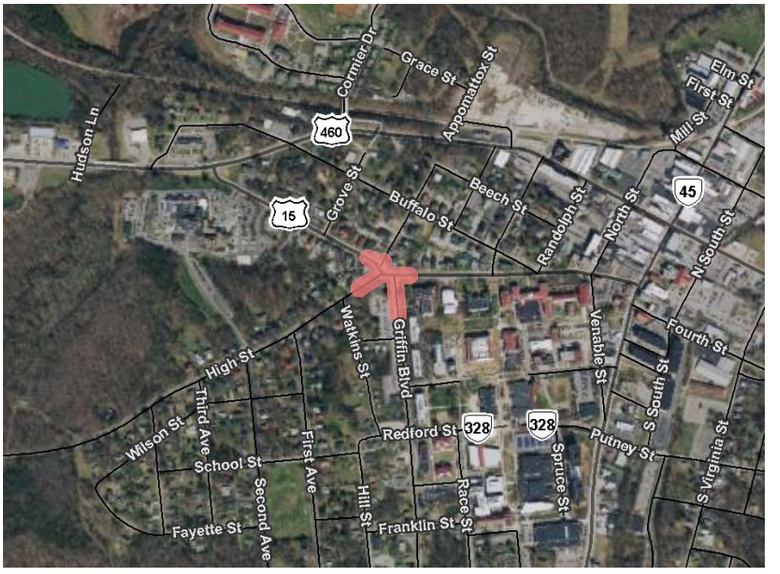
Project Id: 7114

The 643 (High St.) & Oak St. / Griffin Blvd. Roundabout is a single-lane roundabout and will include sidewalk improvements.

1.2 SMART SCALE SCORE			
	#287 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$14,811,204
		Total Project Cost	$14,811,204
	#10 OF 29 DISTRICTWIDE	**Project Benefit**	1.7
		Project Benefit / Total Cost	1.2

Submitting Entity: Farmville Town
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: DGP
Evacuation Route: No
VTRANS Need: Safety (non-CoSS)





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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	0.0 persons	23.2 person hrs.	14.4 EPDO	4,207.5 EPDO / 100M VMT	9.2 jobs per resident	6.5 jobs per resident	0.0 adjusted users	0.0 adj sq. ft.	0.0 daily tons	0.0 adj. buffer time index	0.0 adjusted points	14.7 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	3.8	2.3	11.8	0.5	0.3	0.0	0.0	0.0	0.0	0.0	1.1		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	1.9		5.2		0.4			0.0			0.0			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.2		1.5		0.1			0.0			0.0	-0.1		
Project Benefit	1.7													
SMART SCALE Cost	$14,811,204													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.2**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

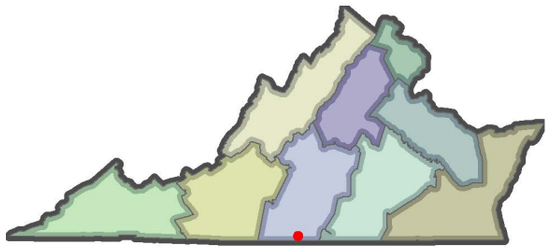
US 58/Route 751 Intersection

Project Id: 7138

Make improvements to the intersection of Philpott Rd (US 58) and Piney Grove Rd (751) to increase the turning radius for truck traffic, construct a 400 foot right-turn lane on US 58 eastbound, and perform access management as needed.

0.7 SMART SCALE SCORE			
	#327 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$2,709,603
		Total Project Cost	$2,709,603
	#16 OF 29 DISTRICTWIDE	**Project Benefit**	0.2
		Project Benefit / Total Cost	0.7

Submitting Entity: Halifax County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	0.0 persons	0.0 person hrs.	0.9 EPDO	652.3 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	0.0 adj sq. ft.	0.0 daily tons	16,004.8 adj. buffer time index	0.0 adjusted points	0.5 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	0.1	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.0		0.6		0.0			0.0			0.0			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		0.2		0.0			0.0			0.0	0.0		
Project Benefit	0.2													
SMART SCALE Cost	$2,709,603													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.7**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

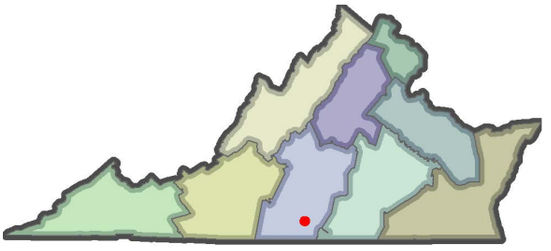
L.P. Bailey Mem. Hwy. (US501)-Bethel Rd. (VA360) Roundabout

Project Id: 7143

Construct a roundabout at the intersection of LP Bailey Memorial Hwy, N Main St, and Bethel Rd in the Town of Halifax to increase safety and network connectivity. Back St will be reconstructed/realigned with the aforementioned intersection to create a 4-legged intersection as opposed to the existing one with three legs. Bike and pedestrian improvements throughout the project area will further enhance safety and connectivity for those modes of travel as well.

2.3 SMART SCALE SCORE			
	#219 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$9,921,330
		Total Project Cost	$9,921,330
	#6 OF 29 DISTRICTWIDE	**Project Benefit**	2.3
		Project Benefit / Total Cost	2.3

Submitting Entity: Halifax County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: DGP
Evacuation Route: No
VTRANS Need: Urban Development Area



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	8.4 persons	1.5 person hrs.	18.4 EPDO	4,931.1 EPDO / 100M VMT	0.1 jobs per resident	0.1 jobs per resident	12.6 adjusted users	178,296.6 adj sq. ft.	0.0 daily tons	309,004.1 adj. buffer time index	162.8 adjusted points	5.8 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.5	0.2	2.9	13.8	0.0	0.0	0.5	0.3	0.0	0.0	3.7	0.4		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.3		6.2		0.1			0.2			3.7			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		1.9		0.0			0.1			0.4	0.0		
Project Benefit	2.3													
SMART SCALE Cost	$9,921,330													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**2.3**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

Wards Ferry Rd. and CVCC Campus Drive Roundabout

Project Id: 6827

Construct a roundabout at the intersection of Wards Ferry Rd., CVCC Campus Drive and Harvard Street. Project also includes 500' of sidewalk to tie into CVCC and shared use path on Wards Ferry Road in accordance with the Wards Ferry Road Corridor Study.

3.1 SMART SCALE SCORE			
	#182 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$11,301,008
		Total Project Cost	$11,301,008
	#2 OF 29 DISTRICTWIDE	**Project Benefit**	3.5
		Project Benefit / Total Cost	3.1

Submitting Entity: Lynchburg City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: No
VTRANS Need: Regional Network

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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	114.2 persons	60.7 person hrs.	9.6 EPDO	6,842.1 EPDO / 100M VMT	3.2 jobs per resident	4.4 jobs per resident	67.0 adjusted users	988,766.6 adj sq. ft.	0.0 daily tons	0.0 adj. buffer time index	89.4 adjusted points	0.2 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	6.1	9.9	1.5	19.2	0.2	0.2	2.8	1.6	0.0	0.0	2.0	0.0		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	8.0		6.8		0.7			1.0			2.0			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	1.2		1.7		0.2			0.2			0.2	0.0		
Project Benefit	3.5													
SMART SCALE Cost	$11,301,008													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**3.1**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

Candlers Mountain Road Interchange Improvements

Project Id: 6951

The Candlers Mtn Rd Interchange project converts the existing cloverleaf at 29 BUS into a partial cloverleaf. Removal of 2 loop ramps to improve weaving along US 29 BUS. Extension of acceleration/deceleration lanes on the Lynchburg Expwy. two new 2-phase signalized intersections at the ramp terminals, modify access at Seminole Ave, and new bike/ped facilities over US 29 BUS on Candlers. Installation of curb/gutter, shoulder, median, and stormwater improvements to the partial cloverleaf design.

2.8 SMART SCALE SCORE	**#195** OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$30,136,960
		Total Project Cost	$65,720,720
	#4 OF 29 DISTRICTWIDE	**Project Benefit**	8.3
		Project Benefit / Total Cost	1.3

Submitting Entity: Lynchburg City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance

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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	59.8 persons	4.5 person hrs.	119.0 EPDO	3,170.9 EPDO / 100M VMT	19.9 jobs per resident	25.3 jobs per resident	179.5 adjusted users	1,095,366.8 adj sq. ft.	75,982.2 daily tons	0.0 adj. buffer time index	1,273.3 adjusted points	0.0 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	3.2	0.7	19.1	8.9	1.2	1.3	7.4	1.8	6.0	0.0	28.6	0.0		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	2.0		16.0		2.4			2.2			28.6			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.3		4.0		0.6			0.6			2.9	0.0		
Project Benefit	8.3													
SMART SCALE Cost	$30,136,960													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**2.8**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

Route 29 & Oak Ridge Road — Project Id: 7032

Turn Lane Improvement on Rout 29 Northbound, intersection improvements and alignment on Oak Ridge and Route 29 with additional capacity with lane addition up to Diggs Mtn.

0.0 SMART SCALE SCORE			
	#386 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$5,604,757
		Total Project Cost	$5,604,757
	#27 OF 29 DISTRICTWIDE	**Project Benefit**	0.0
		Project Benefit / Total Cost	0.0

Submitting Entity: Nelson County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: No
VTRANS Need: Corridor of Statewide Significance

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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	0.0 persons	0.0 person hrs.	0.2 EPDO	14.6 EPDO / 100M VMT	0.1 jobs per resident	0.1 jobs per resident	0.0 adjusted users	5,992.8 adj sq. ft.	0.0 daily tons	725,060.9 adj. buffer time index	0.0 adjusted points	0.6 impacted acres	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%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	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%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		0.0		0.0			0.0			0.0	0.0		
Project Benefit	0.0													
SMART SCALE Cost	$5,604,757													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.0**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

Route 6/151 Intersection Project Id: 7033

Replace existing uncontrolled T intersection with a single lane roundabout.

1.0 SMART SCALE SCORE			
	#305 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$13,625,893
		Total Project Cost	$13,625,893
	#12 OF 29 DISTRICTWIDE	**Project Benefit**	1.3
		Project Benefit / Total Cost	1.0

Submitting Entity: Nelson County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: DGP
Evacuation Route: No
VTRANS Need: Safety (non-CoSS)

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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	0.0 persons	1.2 person hrs.	15.2 EPDO	4,472.6 EPDO / 100M VMT	0.3 jobs per resident	0.2 jobs per resident	0.0 adjusted users	0.0 adj sq. ft.	0.0 daily tons	356,840.6 adj. buffer time index	0.0 adjusted points	17.7 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.2	2.4	12.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.1		5.5		0.0			0.0			0.0			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		1.4		0.0			0.0			0.0	-0.1		
Project Benefit	1.3													
SMART SCALE Cost	$13,625,893													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.0**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

Route 151 at Tanbark Drive intersection improvements

Project Id: 7035

Extend the existing SB right turn lane on RTE 151 onto Tanbark Drive, regrade Tanbark Road embankment to improve visibility to Route 151, geometric improvements in the form of curve radius modification and realignment to Route 151 south of Tanbark intersection, and new stop signs/stop bars at Tanbark/151 intersection.

0.0 SMART SCALE SCORE			
	#384 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$7,087,964
		Total Project Cost	$7,087,964
	#25 OF 29 DISTRICTWIDE	**Project Benefit**	0.0
		Project Benefit / Total Cost	0.0

Submitting Entity: Nelson County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: DGP
Evacuation Route: No
VTRANS Need: Safety (non-CoSS)

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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	0.0 persons	0.0 person hrs.	0.3 EPDO	145.1 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	1,318.5 adj sq. ft.	0.0 daily tons	0.0 adj. buffer time index	0.0 adjusted points	0.9 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.0		0.2		0.0			0.0			0.0			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		0.0		0.0			0.0			0.0	0.0		
Project Benefit	0.0													
SMART SCALE Cost	$7,087,964													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.0**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

RTE 29 at Tighsqueeze Road — Project Id: 7082

Reconfigure the intersection at US 29 and Tightsqueeze Road to a Restricted Crossing U-Turn (RCUT). Construct signalized median openings with loons to the north and south of the intersection to accomodate U-turns. Construct a left-in only median north of the intersection.

2.7 SMART SCALE SCORE			
	#201 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$11,423,966
		Total Project Cost	$11,423,966
	#5 OF 29 DISTRICTWIDE	**Project Benefit**	3.0
		Project Benefit / Total Cost	2.7

Submitting Entity: Pittsylvania County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance

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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	0.0 persons	6.6 person hrs.	17.6 EPDO	1,001.3 EPDO / 100M VMT	2.3 jobs per resident	3.0 jobs per resident	0.0 adjusted users	440,419.7 adj sq. ft.	117,091.3 daily tons	4,129,525.3 adj. buffer time index	596.0 adjusted points	2.1 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	1.1	2.8	2.8	0.1	0.2	0.0	0.7	9.2	0.0	13.4	0.2		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.5		2.8		0.1			2.3			13.4			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.1		0.8		0.0			0.8			1.3	0.0		
Project Benefit	3.0													
SMART SCALE Cost	$11,423,966													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**2.7**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

US Route 29 at Malmaison Road Roundabout

Project Id: 7087

Reconfigure the intersection at US 29 and Malmaison Road to a roundabout. Convert the existing median opening south of the intersection to a left-in only

0.8 SMART SCALE SCORE			
	#317 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$14,120,731
		Total Project Cost	$14,120,731
	#14 OF 29 DISTRICTWIDE	**Project Benefit**	1.2
		Project Benefit / Total Cost	0.8

Submitting Entity: Pittsylvania County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance

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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	0.0 persons	5.6 person hrs.	11.4 EPDO	2,255.2 EPDO / 100M VMT	7.2 jobs per resident	10.6 jobs per resident	0.0 adjusted users	420,127.2 adj sq. ft.	3,091.0 daily tons	333,634.8 adj. buffer time index	0.0 adjusted points	4.9 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.9	1.8	6.3	0.4	0.5	0.0	0.7	0.2	0.0	0.0	0.4		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.5		3.2		0.4			0.5			0.0			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		1.0		0.1			0.2			0.0	0.0		
Project Benefit	1.2													
SMART SCALE Cost	$14,120,731													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.8**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

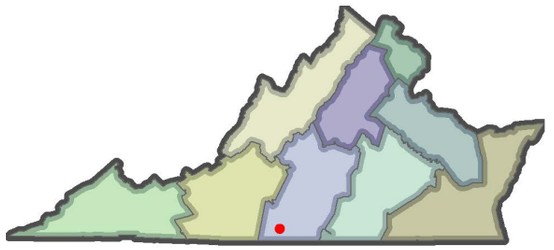
US 29 at Lawless Creek Road

Project Id: 7089

Reconfigure the intersection at US 29 and Lawless Creek Road to a single-lane roundabout.

0.1 SMART SCALE SCORE	#382 OF 397 STATEWIDE	SMART SCALE Requested Funds	$14,896,669
	#24 OF 29 DISTRICTWIDE	Total Project Cost	$14,896,669
		Project Benefit	0.1
		Project Benefit / Total Cost	0.1

Submitting Entity: Pittsylvania County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	0.0 persons	5.0 person hrs.	0.0 EPDO	0.0 EPDO / 100M VMT	2.1 jobs per resident	2.6 jobs per resident	0.0 adjusted users	59,682.7 adj sq. ft.	7,055.6 daily tons	0.0 adj. buffer time index	0.0 adjusted points	0.6 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.8	0.0	0.0	0.1	0.1	0.0	0.1	0.6	0.0	0.0	0.0		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.4		0.0		0.1			0.2			0.0			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		0.0		0.0			0.1			0.0	0.0		
Project Benefit	0.1													
SMART SCALE Cost	$14,896,669													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.1**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

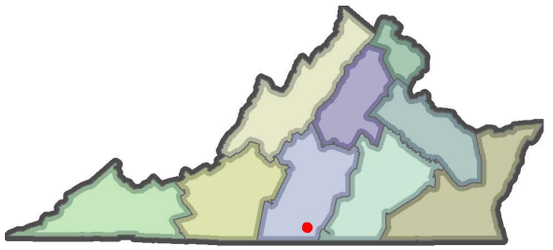
US 501 (Wilborn St. / Broad St.) & Crescent Dr. Roundabout

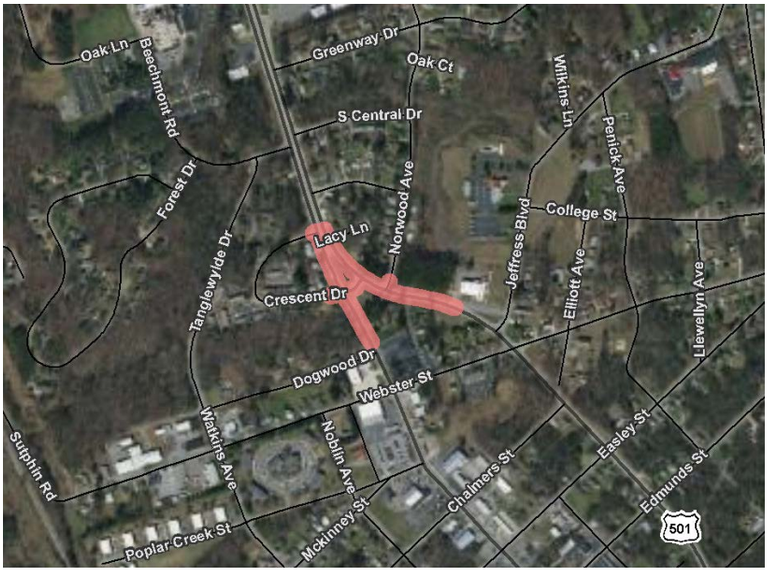
Project Id: 7107

US 501 (Wilborn St. / Broad St.) & Crescent Dr. Roundabout is a single-lane roundabout and will include sidewalk improvements.

0.2 SMART SCALE SCORE			
	#376 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$14,860,856
		Total Project Cost	$15,110,856
	#20 OF 29 DISTRICTWIDE	**Project Benefit**	0.2
		Project Benefit / Total Cost	0.2

Submitting Entity: South Boston Town
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: DGP
Evacuation Route: No
VTRANS Need: Urban Development Area





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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	15.6 persons	0.9 person hrs.	0.9 EPDO	250.2 EPDO / 100M VMT	0.7 jobs per resident	0.7 jobs per resident	23.4 adjusted users	0.0 adj sq. ft.	0.0 daily tons	110,324.9 adj. buffer time index	31.2 adjusted points	0.7 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.8	0.1	0.1	0.7	0.0	0.0	1.0	0.0	0.0	0.0	0.7	0.1		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.5		0.3		0.2			0.0			0.7			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		0.1		0.0			0.0			0.1	0.0		
Project Benefit	0.2													
SMART SCALE Cost	$14,860,856													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.2**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

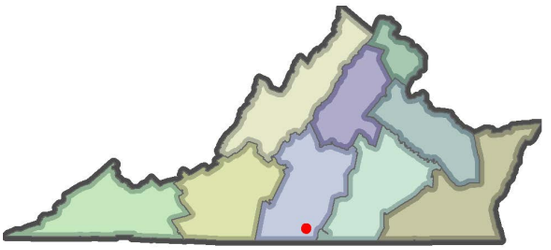
US 501 & Factory St. & Wall St. Roundabout

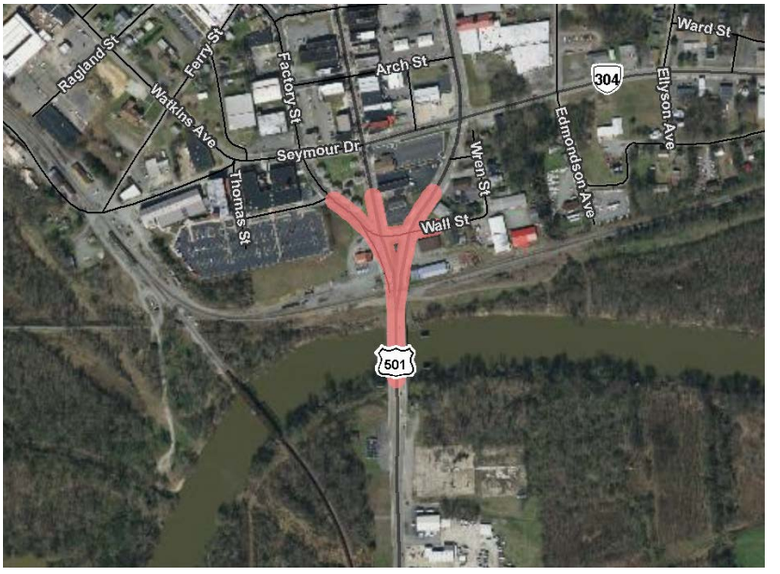
Project Id: 7108

US 501 & Factory St. & Wall St. Roundabout is a single-lane roundabout and will include sidewalk improvements.

2.2 SMART SCALE SCORE			
	#227 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$12,818,439
		Total Project Cost	$13,068,439
	#7 OF 29 DISTRICTWIDE	**Project Benefit**	2.8
		Project Benefit / Total Cost	2.2

Submitting Entity: South Boston Town
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: DGP
Evacuation Route: No
VTRANS Need: Urban Development Area





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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	16.4 persons	0.8 person hrs.	33.6 EPDO	6,332.9 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	24.6 adjusted users	0.0 adj sq. ft.	0.0 daily tons	1,697,800.3 adj. buffer time index	32.8 adjusted points	11.8 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.9	0.1	5.4	17.8	0.0	0.0	1.0	0.0	0.0	0.0	0.7	0.9		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.5		9.1		0.2			0.0			0.7			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.1		2.7		0.0			0.0			0.1	0.0		
Project Benefit	2.8													
SMART SCALE Cost	$12,818,439													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**2.2**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

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NORTHERN VIRGINIA DISTRICT

FY 2022

SCORECARDS

Commonwealth Transportation Board
Office of Intermodal Planning and Investment
Virginia Department of Transportation
Virginia Department of Rail and Public Transportation

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SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

Display Id	Project Name	Organization	District Rank	State Rank	Page #
6781	Route 1 at E. Glebe Road Intersection Improvements	Alexandria City	1	3	06-01
6851	Route 1 South Median Refuge Island	Alexandria City	2	4	06-03
7151	South Washington Bus Stop Expansion & Access to Transit	Falls Church City	3	15	06-19
6675	Country Club Commons Connector Trail	Fairfax City	4	17	06-09
6844	Landmark Mall Transit Center	Alexandria City	5	22	06-02
6662	Chain Bridge Road Sidewalk and Bus Stop Improvements	Fairfax City	6	51	06-08
6948	Mount Vernon Trail North Enhancements	Arlington County	7	53	06-05
6858	Upper King Street Multimodal Reconstruction	Alexandria City	8	75	06-04
6988	Arlington Blvd Safety Improvements - Glebe to Fillmore	Arlington County	9	76	06-06
6822	Route 1 (Fraley Boulevard) Widening	Dumfries Town	10	80	06-07
6791	Route 294 and Old Bridge Road Intersection Improvements	Prince William County	11	104	06-29
6756	Braddock Road Multimodal Improvements Phase I	Fairfax County	12	124	06-14
6642	Sycolin Road-Loudoun Center Place to Crosstrail Boulevard	Loudoun County	13	127	06-22
6641	Route 7 Improvements, Phase 3:(Route 9 to Dulles Greenway)	Loudoun County	14	140	06-21
6761	Fairfax County Parkway Widening (Route 123 to Nomes Court)	Fairfax County	15	165	06-15
6749	Richmond Highway Corridor Improvements	Fairfax County	16	221	06-10
6793	North Woodbridge Mobility Improvements (Marina Way extended)	Prince William County	17	224	06-30
6989	Route 28-Centreville Road Corridor Improvements	Manassas Park City	18	232	06-23
6767	Braddock Road at Old Lee Road Improvements	Fairfax County	19	239	06-18
6752	Soapstone Road Extension/Dulles Toll Road Overpass	Fairfax County	20	242	06-11
6765	Route 7 Widening (Route 123 to I-495)	Fairfax County	21	273	06-16
6809	Rte 15 Leesburg Bypass Interchange with Edwards Ferry Road	Leesburg Town	22	284	06-20
6754	Frontier Drive Extension	Fairfax County	23	303	06-12
6788	Van Buren Road Improvements: Route 234 to Cardinal Dr	Prince William County	24	306	06-28
6766	Route 7 Widening (I-495 to I-66)	Fairfax County	25	310	06-17
6784	Wellington Road Widening: University Blvd to Balls Ford Rd	Prince William County	26	314	06-24
6785	Route 234 and Sudley Manor Dr Intersection Improvements	Prince William County	27	316	06-25
6786	Route 15 Improvements with Railroad Overpass	Prince William County	28	331	06-26

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

Display Id	Project Name	Organization	District Rank	State Rank	Page #
6755	Seven Corners Ring Road (Phase 1A Segment 1A)	Fairfax County	29	352	06-13
6787	University Blvd Extension - Devlin Rd to Wellington Rd	Prince William County	30	374	06-27

SMART SCALE Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

Route 1 at E. Glebe Road Intersection Improvements

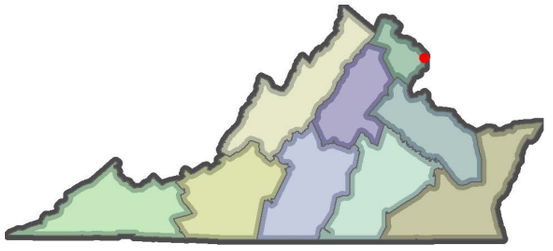
Project Id: 6781

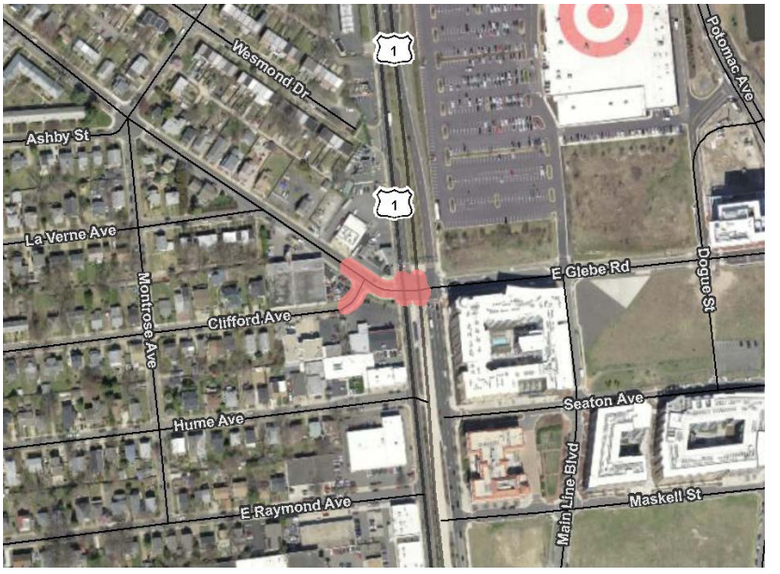
This app is for Ph 1, E. Glebe bet. Rt. 1 and Clifford Av. It improves the west leg of Rt 1 / E. Glebe Rd to incl. a 12' left turn, 10' thru and 12' right turn ln, & 6' sidewalk on the S. side of E. Glebe. It includes signal modification, crosswalks across E. Glebe Rd and across Rt 1 to be redone. Includes ROW, relocation of the signal pole, ped signal and pedestal pole, additional mast arm signal pole for the WB approach, and replacement of the mast arm pole for the EB approach.

64.5 SMART SCALE SCORE			
	#3	OF 397 STATEWIDE	
	#1	OF 30 DISTRICTWIDE	

SMART SCALE Requested Funds	$3,112,946
Total Project Cost	$3,112,946
Project Benefit	20.1
Project Benefit / Total Cost	64.5

Submitting Entity: Alexandria City
Preliminary Engineering: Underway
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance





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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	0.0 persons	1.2 person hrs.	5.7 EPDO	294.1 EPDO / 100M VMT	5.8 jobs per resident	5.3 jobs per resident	0.0 adjusted users	8,944,695.2 adj sq. ft.	5,409.3 daily tons	6,082,073.7 adj. buffer time index	0.0 adjusted points	4.9 impacted acres	64.8 access * pop/emp density.h	64.3 access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.2	0.9	0.8	0.3	0.3	0.0	14.4	0.4	0.1	0.0	0.4	98.0	97.5
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	0.1		0.9		0.3			8.7			0.0		97.7	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%	5 (max point reduction)	20%	
Weighted Factor Value	0.0		0.0		0.0			0.4			0.0	0.0	19.5	
Project Benefit	20.1													
SMART SCALE Cost	$3,112,946													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**64.5**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

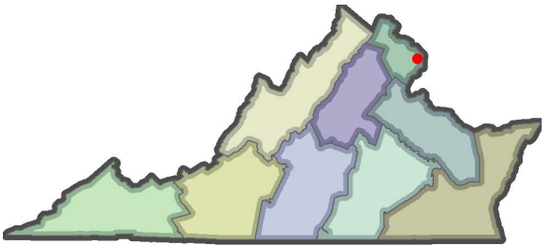
Landmark Mall Transit Center

Project Id: 6844

Development of a new Transit Center at the redeveloped Landmark Mall site. This location will serve two Bus Rapid Transit (BRT) corridors (Alexandria's West End Transitway, Alexandria's Duke Street Transitway) as well as several local bus routes. The Transit Center will be incorporated in the new mixed use development planned on the 51 acre former Landmark Mall site.

17.2 SMART SCALE SCORE	#22 OF 397 STATEWIDE	SMART SCALE Requested Funds	$12,997,054
		Total Project Cost	$12,997,054
	#5 OF 30 DISTRICTWIDE	Project Benefit	22.4
		Project Benefit / Total Cost	17.2

Submitting Entity: Alexandria City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: No
VTRANS Need: Regional Network



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	455.7 persons	6.4 person hrs.	6.1 EPDO	0.8 EPDO / 100M VMT	49.0 jobs per resident	60.0 jobs per resident	2,278.3 adjusted users	12,268,215.0 adj sq. ft.	0.0 daily tons	0.0 adj. buffer time index	2,278.3 adjusted points	2.4 impacted acres	25.5 access * pop/emp density.h	25.7 access * pop/emp density change.
Normalized Measure Value (0-100)	24.5	1.1	1.0	0.0	2.8	3.0	93.6	19.7	0.0	0.0	51.2	0.2	38.5	38.9
Measure Weight (% of Factor)	50%	50%	100%	0%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	12.8		1.0		21.0			11.8			51.2		38.7	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%	5 (max point reduction)	20%	
Weighted Factor Value	5.7		0.0		3.2			0.6			5.1	0.0	7.7	
Project Benefit	22.4													
SMART SCALE Cost	$12,997,054													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**17.2**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

Route 1 South Median Refuge Island

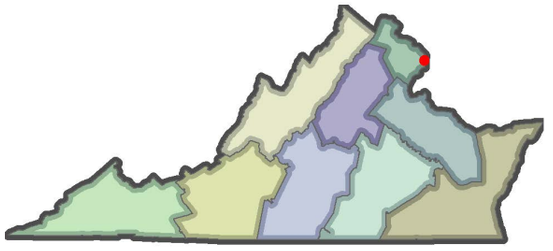
Project Id: 6851

The project scope is to widen the existing median to 10-12' along South Patrick Street/Route 1 between Wolfe Street and Jefferson Street (approx. 1500' length). Street trees will be added, and the existing travel lanes will be narrowed (11-11.5') to calm traffic along the corridor. Curb ramp upgrades, additional crosswalks and pedestrian signals, median refuge islands to be added as shown in the updated sketch.

50.2 SMART SCALE SCORE		
	#4	OF 397 STATEWIDE
	#2	OF 30 DISTRICTWIDE

SMART SCALE Requested Funds	$4,280,499
Total Project Cost	$4,280,499
Project Benefit	21.5
Project Benefit / Total Cost	50.2

Submitting Entity: Alexandria City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: Yes
VTRANS Need: Regional Network



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	192.6 persons	0.0 person hrs.	0.0 EPDO	0.0 EPDO / 100M VMT	3.6 jobs per resident	3.5 jobs per resident	288.9 adjusted users	38,764.0 adj sq. ft.	0.0 daily tons	0.0 adj. buffer time index	0.0 adjusted points	14.6 impacted acres	62.2 access * pop/emp density.h	62.2 access * pop/emp density change.
Normalized Measure Value (0-100)	10.3	0.0	0.0	0.0	0.2	0.2	11.9	0.1	0.0	0.0	0.0	1.1	94.0	94.3
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	5.2		0.0		2.5			0.0			0.0		94.1	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%	5 (max point reduction)	20%	
Weighted Factor Value	2.3		0.0		0.4			0.0			0.0	-0.1	18.8	
Project Benefit	21.5													
SMART SCALE Cost	$4,280,499													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**50.2**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

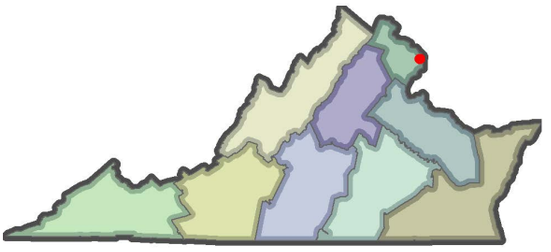
Upper King Street Multimodal Reconstruction

Project Id: 6858

The Upper King Street Multimodal project will design and reconstruct King Street between Quaker Lane and Menokin Drive. The design will include wider sidewalks, planted buffers, four travel lanes, two buffered or otherwise separated bicycle lanes, and a shared use path as well as transit improvements like transit signal priority, dedicated bus lanes, and enhanced transit stops. Dimensions will be confirmed during the PE with survey. Utility relocation is expected during the right of way phase.

8.5 SMART SCALE SCORE	**#75** OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$36,780,822
		Total Project Cost	$38,780,822
	#8 OF 30 DISTRICTWIDE	**Project Benefit**	31.4
		Project Benefit / Total Cost	8.1

Submitting Entity: Alexandria City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: No
VTRANS Need: Regional Network



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	486.8 persons	15.5 person hrs.	59.5 EPDO	120.7 EPDO / 100M VMT	28.0 jobs per resident	26.9 jobs per resident	2,433.9 adjusted users	62,135.0 adj sq. ft.	9,211.8 daily tons	316,847,893.1 adj. buffer time index	2,433.9 adjusted points	12.3 impacted acres	52.4 access * pop/emp density.h	52.1 access * pop/emp density change.
Normalized Measure Value (0-100)	26.1	2.5	9.5	0.3	1.6	1.4	100.0	0.1	0.7	2.9	54.7	1.0	79.2	79.0
Measure Weight (% of Factor)	50%	50%	100%	0%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	14.3		9.5		21.2			0.8			54.7		79.1	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%	5 (max point reduction)	20%	
Weighted Factor Value	6.5		0.5		3.2			0.0			5.5	0.0	15.8	
Project Benefit	31.4													
SMART SCALE Cost	$36,780,822													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**8.5**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

Mount Vernon Trail North Enhancements

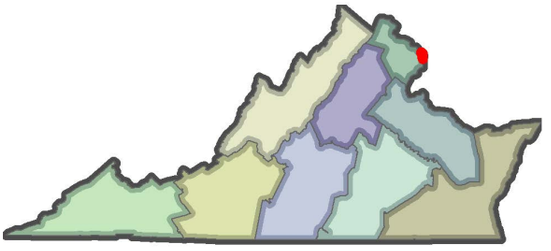
Project Id: 6948

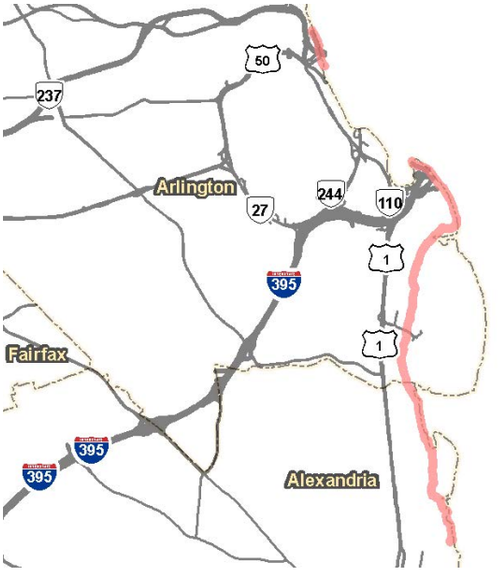
Project increases capacity on approx 5 mi of the Mt Vernon Tr (MVT) between Rosslyn at Roosevelt Isl entrance and Tide Lock Park. Counter data indicates the trail is congested during peak hrs & exceeds AASHTO design thresholds. NPS will widen the paved surface from 7'-8' to 11' where feasible, and widen trail bridges (refer features). Project incl. center & edge stripes, signs, & realigns 4 trail int at Roosevelt Bridge, Humpback Br Tr, Crystal City Connector, and Four Mi Run Tr

10.3 SMART SCALE SCORE			
	#53	OF 397 STATEWIDE	
	#7	OF 30 DISTRICTWIDE	

SMART SCALE Requested Funds	$28,980,424
Total Project Cost	$32,980,424
Project Benefit	29.7
Project Benefit / Total Cost	9.0

Submitting Entity: Arlington County
Preliminary Engineering: Underway
Right of Way: Not Needed
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: No
VTRANS Need: Corridor of Statewide Significance





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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	583.0 persons	0.0 person hrs.	0.0 EPDO	0.0 EPDO / 100M VMT	153.4 jobs per resident	127.8 jobs per resident	1,749.0 adjusted users	0.0 adj sq. ft.	0.0 daily tons	0.0 adj. buffer time index	0.0 adjusted points	119.8 impacted acres	66.1 access * pop/emp density.h	65.9 access * pop/emp density change.
Normalized Measure Value (0-100)	31.3	0.0	0.0	0.0	8.9	6.5	71.9	0.0	0.0	0.0	0.0	9.3	100.0	100.0
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	15.7		0.0		21.0			0.0			0.0		100.0	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%	5 (max point reduction)	20%	
Weighted Factor Value	7.0		0.0		3.2			0.0			0.0	-0.5	20.0	
Project Benefit	29.7													
SMART SCALE Cost	$28,980,424													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**10.3**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

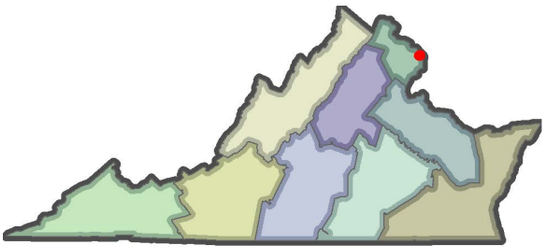
Arlington Blvd Safety Improvements - Glebe to Fillmore

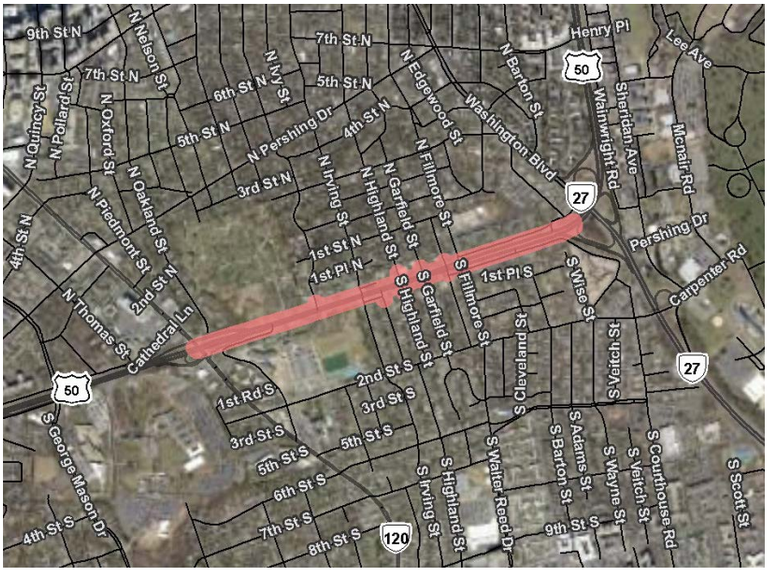
Project Id: 6988

Const. safety and operational improvements on Arlington Blvd bet Glebe Rd & Fillmore St. Pr. length about 0.60 mi. Widen undivided road to new section: 3 (11') lanes in each direction, 16' raised median w landscape, 10' wide path (S), 8' wide path (N). Add LT lanes (EB, WB) and new signal heads at Irving St. Add st. lights bet signals. Extend WB LT lane to SB Fillmore by 700'. Move WB bus stop at Glebe to off-ramp; move EB bus stop at Glebe. Widening impacts=curb, drainage system.

8.5 SMART SCALE SCORE			
	#76 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$29,181,270
		Total Project Cost	$29,181,270
	#9 OF 30 DISTRICTWIDE	**Project Benefit**	24.9
		Project Benefit / Total Cost	8.5

Submitting Entity: Arlington County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: Yes
VTRANS Need: Regional Network





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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	212.0 persons	51.9 person hrs.	85.9 EPDO	686.9 EPDO / 100M VMT	5.4 jobs per resident	6.0 jobs per resident	595.1 adjusted users	0.0 adj sq. ft.	8,958.3 daily tons	55,149,504.6 adj. buffer time index	595.1 adjusted points	32.6 impacted acres	59.1 access * pop/emp density.h	59.2 access * pop/emp density change.
Normalized Measure Value (0-100)	11.4	8.5	13.8	1.9	0.3	0.3	24.4	0.0	0.7	0.5	13.4	2.5	89.3	89.9
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	9.9		10.2		5.1			0.2			13.4		89.6	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%	5 (max point reduction)	20%	
Weighted Factor Value	4.5		0.5		0.8			0.0			1.3	-0.1	17.9	
Project Benefit	24.9													
SMART SCALE Cost	$29,181,270													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**8.5**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

Route 1 (Fraley Boulevard) Widening

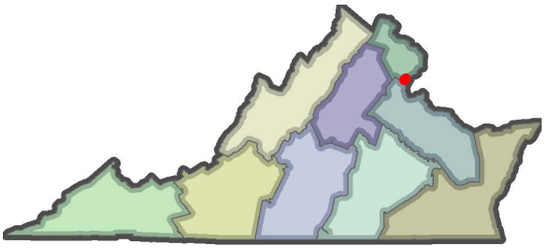
Project Id: 6822

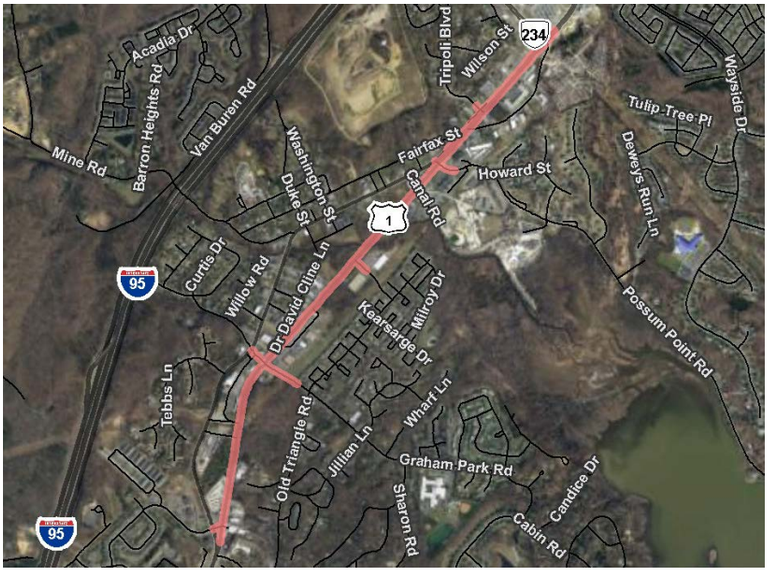
Fraley Blvd widening is 2 mi of Rte 1 ex N.B. alignment from Bradys Hill Rd to Rte 234 to 3 lanes each direction w/ turn lanes. Provide raised 16' median w/ 11' lanes (addt'l 1' along median); outermost lanes of 14' to allow bikes; 10' asphalt shared-use path W. side Rte 1 and 5' concrete s/w E. side; ITS improvements; ped crossing improvements at intersections w/ traffic signals; reconstruct & widen Quantico Creek bridge; replace signals on Rte 1 at Graham Park & Possum Pt; utility relocation.

8.0 SMART SCALE SCORE			
	#80	OF 397 STATEWIDE	
	#10	OF 30 DISTRICTWIDE	

SMART SCALE Requested Funds	$50,786,733
Total Project Cost	$181,269,734
Project Benefit	40.9
Project Benefit / Total Cost	2.3

Submitting Entity: Dumfries Town
Preliminary Engineering: Underway
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance





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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	1,279.6 persons	367.6 person hrs.	78.1 EPDO	547.9 EPDO / 100M VMT	107.5 jobs per resident	165.4 jobs per resident	787.7 adjusted users	1,402,061.2 adj sq. ft.	303,761.8 daily tons	85,678,702.2 adj. buffer time index	2,750.7 adjusted points	14.7 impacted acres	10.2 access * pop/emp density.h	10.8 access * pop/emp density change.
Normalized Measure Value (0-100)	68.7	60.3	12.5	1.5	6.2	8.4	32.4	2.3	23.9	0.8	61.9	1.1	15.4	16.4
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	64.5		9.2		11.9			6.3			61.9		15.9	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%	5 (max point reduction)	20%	
Weighted Factor Value	29.0		0.5		1.8			0.3			6.2	-0.1	3.2	
Project Benefit	40.9													
SMART SCALE Cost	$50,786,733													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**8.0**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

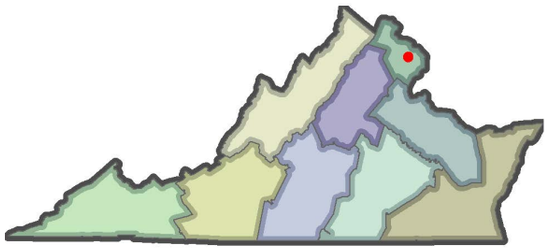
Chain Bridge Road Sidewalk and Bus Stop Improvements

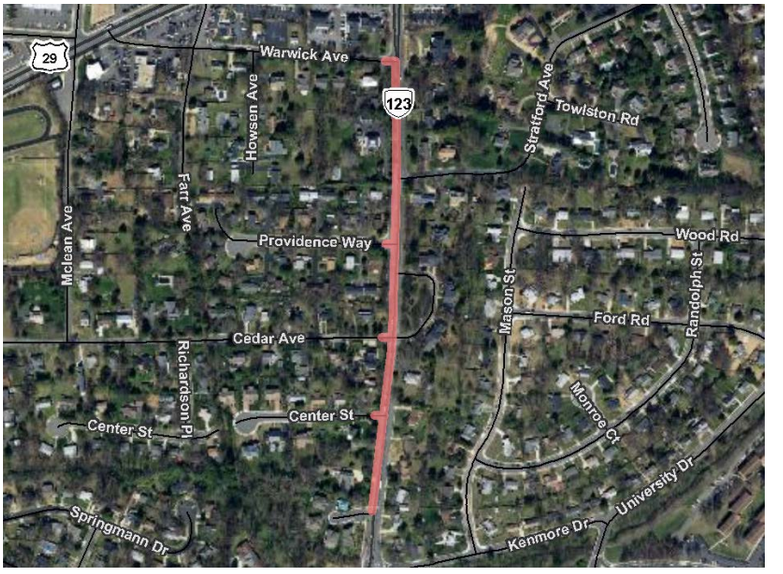
Project Id: 6662

Project will provide 1850 LF new sidewalk (5'-6' wide) & improve 2 bus stops on west side of Rte 123 from Taba Cove to Warwick Ave. Upon completion will provide continuous ped. access and transit stops along Rte 123 between 2 local Activity Ctrs. Includes curb & gutter, drainage impr., ret. wall, lighting, improved access to an RRFB marked crossing, acquisitions from up to 12 parcels & misc. util. relo.. Excess pvmt removed at Providence Way to provide sdwk within exist. R/W (road diet).

10.6 SMART SCALE SCORE	**#51** OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$9,253,665
		Total Project Cost	$9,253,665
	#6 OF 30 DISTRICTWIDE	**Project Benefit**	9.8
		Project Benefit / Total Cost	10.6

Submitting Entity: Fairfax City
Preliminary Engineering: Underway
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: No
VTRANS Need: Regional Network





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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	42.5 persons	0.0 person hrs.	0.1 EPDO	0.1 EPDO / 100M VMT	8.0 jobs per resident	9.5 jobs per resident	212.4 adjusted users	1,626,054.3 adj sq. ft.	0.0 daily tons	0.0 adj. buffer time index	127.5 adjusted points	6.8 impacted acres	27.6 access * pop/emp density.h	29.3 access * pop/emp density change.
Normalized Measure Value (0-100)	2.3	0.0	0.0	0.0	0.5	0.5	8.7	2.6	0.0	0.0	2.9	0.5	41.8	44.5
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	1.1		0.0		2.1			1.6			2.9		43.1	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%	5 (max point reduction)	20%	
Weighted Factor Value	0.5		0.0		0.3			0.1			0.3	0.0	8.6	
Project Benefit	9.8													
SMART SCALE Cost	$9,253,665													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**10.6**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

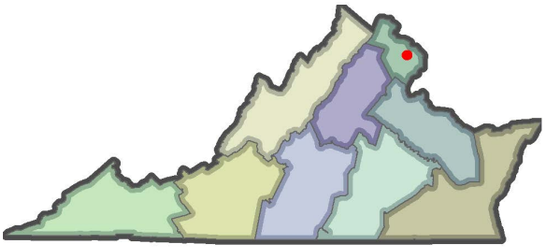
Country Club Commons Connector Trail

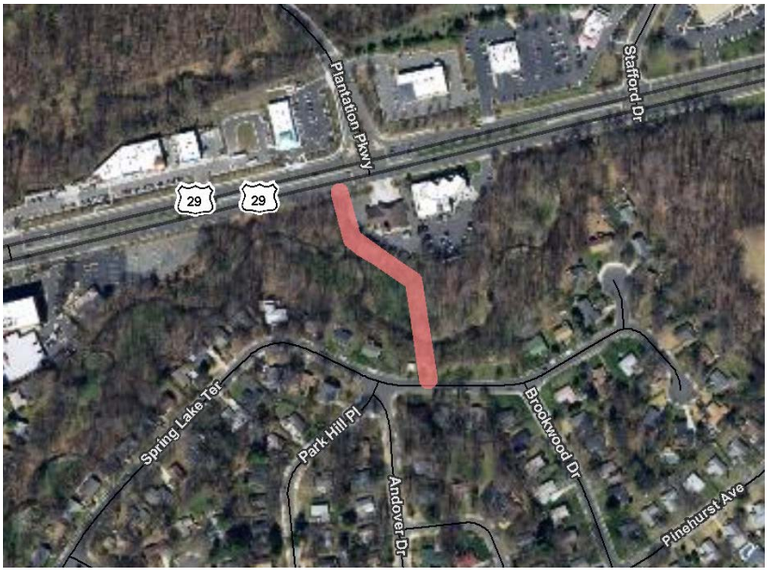
Project Id: 6675

This project will construct a 650-foot (0.12 mi), off-road trail between Spring Lake Terrace and Fairfax Blvd (Route 50). This will connect neighborhoods and commercial destinations on either side of Fairfax Blvd in the vicinity. The trail will be 10' wide with 2'-3' shoulders. The trail includes 560' of raised boardwalk, a 65' steel truss bridge with a concrete surface and 25' of asphalt. Six bollards and 1,120' of handrails are also proposed. No right of way or utility acquisition is required.

19.1 SMART SCALE SCORE			SMART SCALE Requested Funds	$5,142,624
	#17	OF 397 STATEWIDE	**Total Project Cost**	$5,142,624
	#4	OF 30 DISTRICTWIDE	**Project Benefit**	9.8
			Project Benefit / Total Cost	19.1

Submitting Entity: Fairfax City
Preliminary Engineering: Underway
Right of Way: Not Needed
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: No
VTRANS Need: Regional Network





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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	43.3 persons	0.0 person hrs.	0.0 EPDO	0.0 EPDO / 100M VMT	2.3 jobs per resident	2.1 jobs per resident	129.8 adjusted users	200,379.8 adj sq. ft.	0.0 daily tons	0.0 adj. buffer time index	0.0 adjusted points	0.6 impacted acres	29.3 access * pop/emp density.h	31.0 access * pop/emp density change.
Normalized Measure Value (0-100)	2.3	0.0	0.0	0.0	0.1	0.1	5.3	0.3	0.0	0.0	0.0	0.0	44.3	47.0
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	1.2		0.0		1.2			0.2			0.0		45.6	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%	5 (max point reduction)	20%	
Weighted Factor Value	0.5		0.0		0.2			0.0			0.0	0.0	9.1	
Project Benefit	9.8													
SMART SCALE Cost	$5,142,624													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**19.1**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

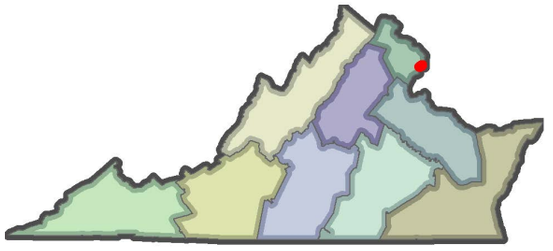
Richmond Highway Corridor Improvements

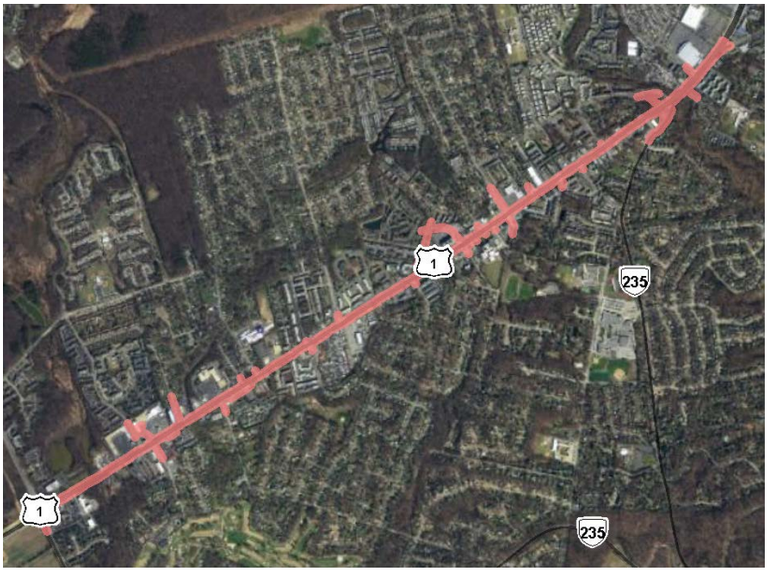
Project Id: 6749

Project will construct improvements along the 3.1mi of Richmond Hwy bet Mount Vernon Mem. Hwy and Sherwood Hall Ln. including widening from 4 to 6 11' wide lanes, 6' sidewalks and 8' cycle tracks on both sides, and a median for future Bus Rapid Transit. A roundabout is proposed to connect Buckman Rd to Groombridge Wy when Buckman R is realigned to end at the US 1 intersection. The project incl. signalized Restricted Crossing U-Turn (RCUT), at US 1/Wyngate Manor Court ent intersection.

2.3 SMART SCALE SCORE			
	#221 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$85,843,887
		Total Project Cost	$414,924,741
	#16 OF 30 DISTRICTWIDE	**Project Benefit**	19.9
		Project Benefit / Total Cost	0.5

Submitting Entity: Fairfax County
Preliminary Engineering: Underway
Right of Way: Underway
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: No
VTRANS Need: Corridor of Statewide Significance





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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	204.3 persons	106.0 person hrs.	290.9 EPDO	126.7 EPDO / 100M VMT	129.6 jobs per resident	170.3 jobs per resident	1,021.6 adjusted users	1,015,662.4 adj sq. ft.	65,132.9 daily tons	765,522,632.2 adj. buffer time index	1,021.6 adjusted points	109.1 impacted acres	25.1 access * pop/emp density.h	25.5 access * pop/emp density change.
Normalized Measure Value (0-100)	11.0	17.4	46.7	0.4	7.5	8.6	42.0	1.6	5.1	7.1	23.0	8.4	37.9	38.7
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	14.2		32.8		14.6			3.4			23.0		38.3	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%	5 (max point reduction)	20%	
Weighted Factor Value	6.4		1.6		2.2			0.2			2.3	-0.4	7.7	
Project Benefit	19.9													
SMART SCALE Cost	$85,843,887													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**2.3**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

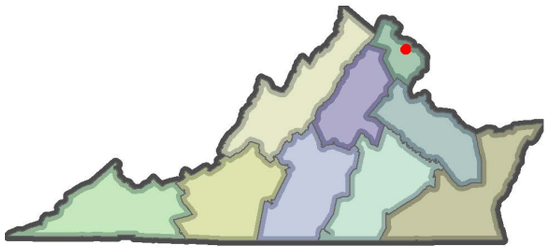
Soapstone Road Extension/Dulles Toll Road Overpass

Project Id: 6752

Project will construct a new roadway approx. 0.5-mile-long between Sunrise Valley Dr. and Sunset Hills Rd. over the Dulles Toll Rd. The project will extend the existing Soapstone Dr. The roadway will have three-lane cross-section (89.5' wide) with one lane in each direction and two-way left-turn-only lane; a 5' wide bike lane on each side; a 5' wide sidewalk on the west side; and a 10' wide shared use path on the east side. Project includes two new intersections, a new bridge, R/W and utilities.

2.0 SMART SCALE SCORE			
	#242 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$110,127,590
		Total Project Cost	$272,956,118
	#20 OF 30 DISTRICTWIDE	**Project Benefit**	21.9
		Project Benefit / Total Cost	0.8

Submitting Entity: Fairfax County
Preliminary Engineering: Underway
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: No
VTRANS Need: Regional Network



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	343.8 persons	56.9 person hrs.	0.0 EPDO	0.0 EPDO / 100M VMT	114.3 jobs per resident	86.4 jobs per resident	850.0 adjusted users	9,319,977.0 adj sq. ft.	0.0 daily tons	0.0 adj. buffer time index	850.0 adjusted points	7.3 impacted acres	37.3 access * pop/emp density.h	39.0 access * pop/emp density change.
Normalized Measure Value (0-100)	18.5	9.3	0.0	0.0	6.6	4.4	34.9	15.0	0.0	0.0	19.1	0.6	56.3	59.2
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	13.9		0.0		11.8			9.0			19.1		57.8	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%	5 (max point reduction)	20%	
Weighted Factor Value	6.3		0.0		1.8			0.4			1.9	0.0	11.6	
Project Benefit	21.9													
SMART SCALE Cost	$110,127,590													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**2.0**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

Frontier Drive Extension

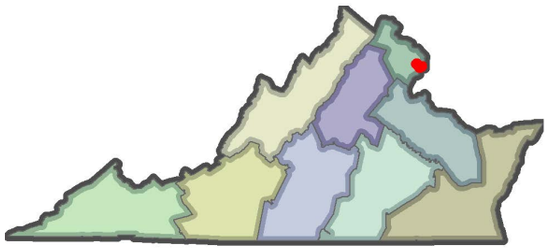
Project Id: 6754

Project will extend Frontier Dr from south of F-S Pkwy to Loisdale Rd, incl access to the F-S Transit Center & braided ramps to and from F-S Pkwy. Frontier Dr ext will incl a new 4-lane, divided, minor arterial with 11' lanes & bridge over Long Branch. Project length is approx 1.27 mi, and incl a shared-use path on one side and a sidewalk on the other side of the road. Signalized intersections will be provided at the entrance to the Metro station and at Loisdale Rd.

1.0 SMART SCALE SCORE	#303 OF 397 STATEWIDE
	#23 OF 30 DISTRICTWIDE

SMART SCALE Requested Funds	$136,967,464
Total Project Cost	$230,105,021
Project Benefit	13.4
Project Benefit / Total Cost	0.6

Submitting Entity: Fairfax County
Preliminary Engineering: Underway
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: No
VTRANS Need: Regional Network



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	237.3 persons	22.0 person hrs.	20.6 EPDO	8.6 EPDO / 100M VMT	25.4 jobs per resident	34.6 jobs per resident	1,131.2 adjusted users	5,315,891.4 adj sq. ft.	24,822.8 daily tons	0.0 adj. buffer time index	1,131.2 adjusted points	43.6 impacted acres	17.7 access * pop/emp density.h	17.8 access * pop/emp density change.
Normalized Measure Value (0-100)	12.7	3.6	3.3	0.0	1.5	1.8	46.5	8.5	1.9	0.0	25.4	3.4	26.8	27.0
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	8.2		2.3		10.5			5.5			25.4		26.9	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%	5 (max point reduction)	20%	
Weighted Factor Value	3.7		0.1		1.6			0.3			2.5	-0.2	5.4	
Project Benefit	13.4													
SMART SCALE Cost	$136,967,464													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.0**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

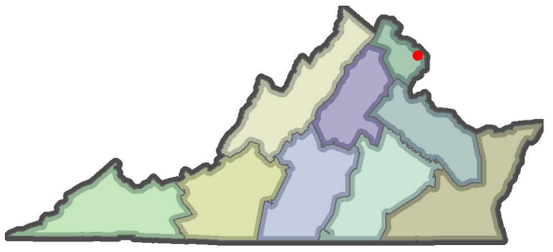
Seven Corners Ring Road (Phase 1A Segment 1A)

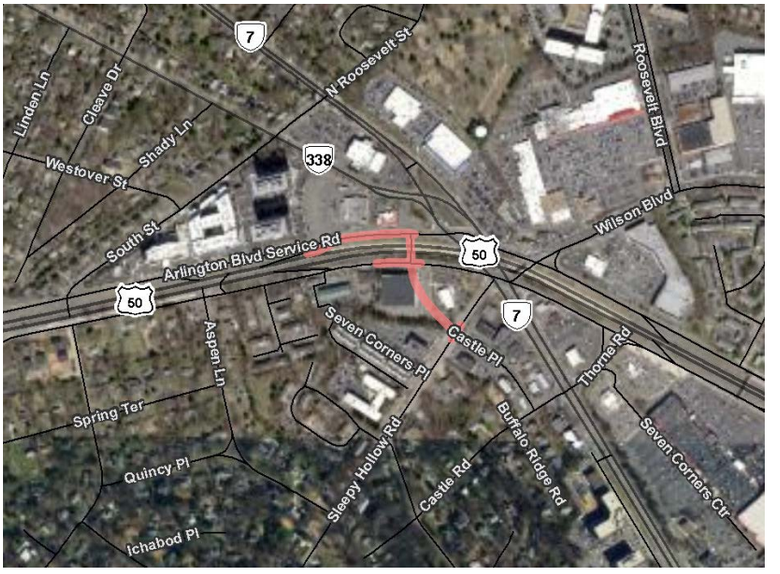
Project Id: 6755

Project incl const of a part of the 7 Corners "Ring Road" from Route 50 WB Ramp to the intersection of Castle Pl/Sleepy Hollow Rd. New Castle Pl will be a 4 lane road connecting with existing 2-lane Castle Pl and 2-lane Sleepy Hollow Rd making it 4 way intersection. Project length is 0.14 mi. The pr incl 4-lane road from Castle Pl WB Ramp to Arlington Blvd. to Intersection of Castle Pl and Sleepy Hollow Rd. Project incl 11' lanes, 12' cycle track in NB direction and bi-directional 9' sidewalk.

0.4 SMART SCALE SCORE			
	#352 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$95,340,668
		Total Project Cost	$140,699,388
	#29 OF 30 DISTRICTWIDE	**Project Benefit**	3.9
		Project Benefit / Total Cost	0.3

Submitting Entity: Fairfax County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: Yes
VTRANS Need: Regional Network





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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	4.2 persons	0.2 person hrs.	0.0 EPDO	0.0 EPDO / 100M VMT	94.2 jobs per resident	101.8 jobs per resident	17.1 adjusted users	65,206.1 adj sq. ft.	0.0 daily tons	5,452,721.4 adj. buffer time index	13.7 adjusted points	1.0 impacted acres	14.1 access * pop/emp density.h	6.8 access * pop/emp density change.
Normalized Measure Value (0-100)	0.2	0.0	0.0	0.0	5.5	5.2	0.7	0.1	0.0	0.1	0.3	0.1	21.3	10.4
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	0.1		0.0		4.5			0.1			0.3		15.8	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%	5 (max point reduction)	20%	
Weighted Factor Value	0.1		0.0		0.7			0.0			0.0	0.0	3.2	
Project Benefit	3.9													
SMART SCALE Cost	$95,340,668													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.4**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

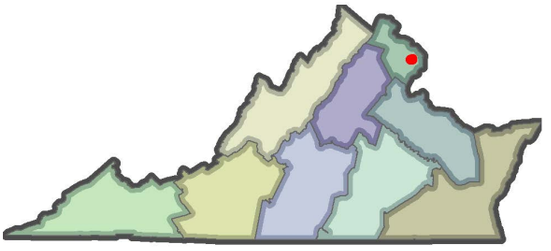
Braddock Road Multimodal Improvements Phase I

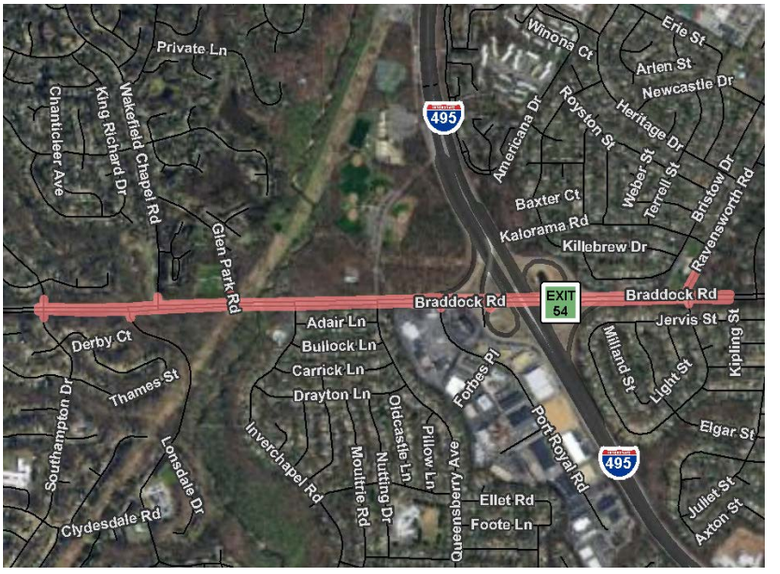
Project Id: 6756

This project incl. multimodal improvements & access management along the Braddock Rd corridor for approximately 2 mi, incl. innovative intersection - R-CUT & Median U-Turn at Wakefield Chapel Rd and Danbury Forest Dr (signals are included), bike/ped improvements - shared used path on north side and improvements to existing path on south side, a ped overpass west of Burke Lake Rd. Project has been refined to remove an additional ped overpass and changes to I-495 interchange to reduce cost.

5.0 SMART SCALE SCORE			
	#124 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$60,243,259
		Total Project Cost	$75,737,196
	#12 OF 30 DISTRICTWIDE	**Project Benefit**	29.8
		Project Benefit / Total Cost	3.9

Submitting Entity: Fairfax County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: No
VTRANS Need: Regional Network





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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	317.8 persons	321.4 person hrs.	69.4 EPDO	242.4 EPDO / 100M VMT	584.4 jobs per resident	585.9 jobs per resident	822.2 adjusted users	521,248.9 adj sq. ft.	97,867.2 daily tons	238,046,173.4 adj. buffer time index	822.2 adjusted points	22.3 impacted acres	22.5 access * pop/emp density.h	23.0 access * pop/emp density change.
Normalized Measure Value (0-100)	17.1	52.7	11.1	0.7	33.9	29.7	33.8	0.8	7.7	2.2	18.5	1.7	34.0	34.9
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	34.9		8.0		33.0			2.5			18.5		34.5	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%	5 (max point reduction)	20%	
Weighted Factor Value	15.7		0.4		5.0			0.1			1.8	-0.1	6.9	
Project Benefit	29.8													
SMART SCALE Cost	$60,243,259													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**5.0**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

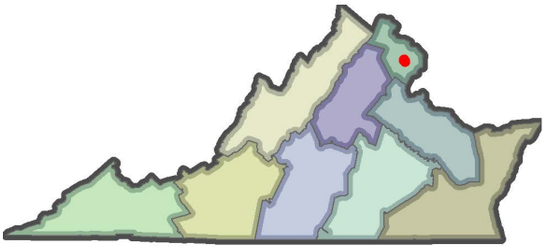
Fairfax County Parkway Widening (Route 123 to Nomes Court)

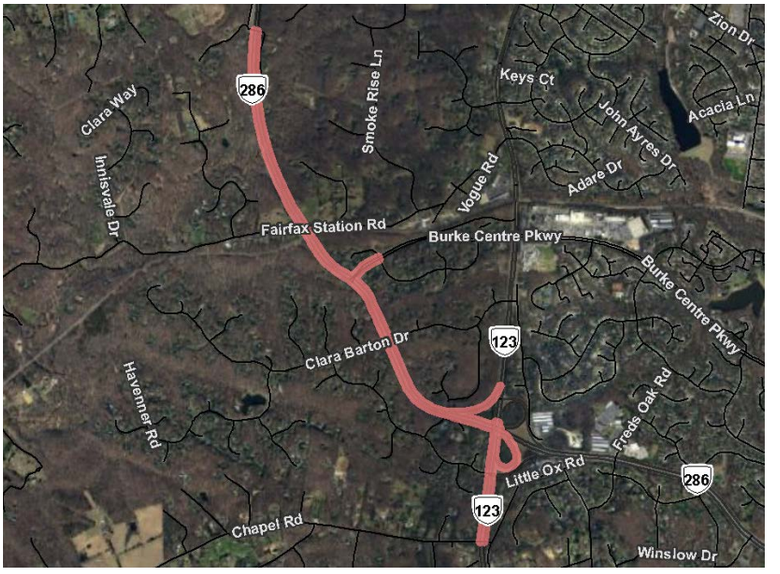
Project Id: 6761

The project widens Route 286 from a 4-lane divided roadway to a 6-lane (all 12') divided roadway from south of Nomes Court to the Route 123 interchange (2 miles) by widening into the existing median. A raised 16-foot wide grass median and/or positive separation by either median barrier or guardrail will be included. 123 interchange improvements (6 lanes on 123 and triple left-turn to SB 123) are included. Project will also include 10' Shared Use Path.

3.5 SMART SCALE SCORE			
	#165 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$74,094,811
		Total Project Cost	$115,036,346
	#15 OF 30 DISTRICTWIDE	**Project Benefit**	26.0
		Project Benefit / Total Cost	2.3

Submitting Entity: Fairfax County
Preliminary Engineering: Underway
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: No
VTRANS Need: Regional Network





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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	416.4 persons	138.0 person hrs.	39.7 EPDO	89.7 EPDO / 100M VMT	1,258.0 jobs per resident	1,428.3 jobs per resident	515.0 adjusted users	0.0 adj sq. ft.	0.0 daily tons	376,985,661.2 adj. buffer time index	515.0 adjusted points	6.1 impacted acres	16.3 access * pop/emp density.h	17.3 access * pop/emp density change.
Normalized Measure Value (0-100)	22.4	22.6	6.4	0.3	72.9	72.4	21.2	0.0	0.0	3.5	11.6	0.5	24.7	26.2
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	22.5		4.5		62.5			0.7			11.6		25.4	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%	5 (max point reduction)	20%	
Weighted Factor Value	10.1		0.2		9.4			0.0			1.2	0.0	5.1	
Project Benefit	26.0													
SMART SCALE Cost	$74,094,811													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**3.5**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

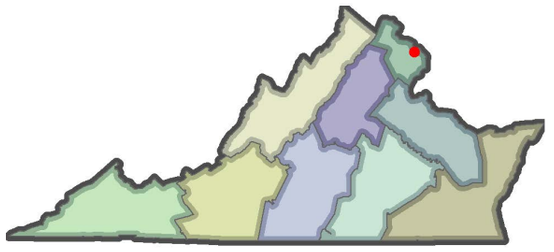
Route 7 Widening (Route 123 to I-495)

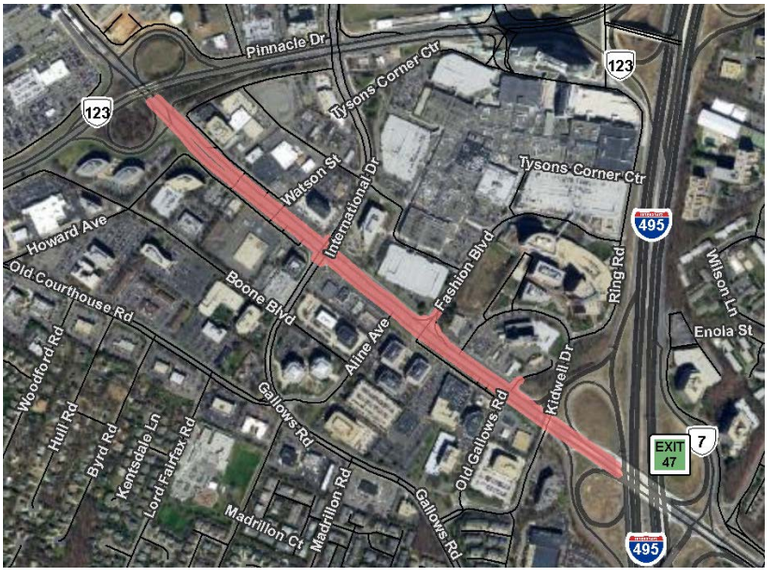
Project Id: 6765

The project will widen approx 0.7 miles of Rte 7 between Rte 123 and I-495 by an 11' lane in each direction. This will leave a 26' median for future BRT. The project does not include BRT infrastructure. The project includes 10' shared used paths on both sides. Intersection improvements will be required at 4 signals to facilitate the widening. ROW will be required to the outside not to exceed a total width of 210', with utility relocations within a proposed 8' buffer.

1.4 SMART SCALE SCORE			
	#273 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$88,612,237
		Total Project Cost	$125,789,181
	#21 OF 30 DISTRICTWIDE	**Project Benefit**	12.0
		Project Benefit / Total Cost	1.0

Submitting Entity: Fairfax County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: No
VTRANS Need: Regional Network





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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	125.9 persons	0.0 person hrs.	0.0 EPDO	0.0 EPDO / 100M VMT	10.1 jobs per resident	11.3 jobs per resident	377.8 adjusted users	6,828,281.6 adj sq. ft.	0.0 daily tons	0.0 adj. buffer time index	0.0 adjusted points	4.4 impacted acres	31.2 access * pop/emp density.h	32.2 access * pop/emp density change.
Normalized Measure Value (0-100)	6.8	0.0	0.0	0.0	0.6	0.6	15.5	11.0	0.0	0.0	0.0	0.3	47.2	48.8
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	3.4		0.0		3.6			6.6			0.0		48.0	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%	5 (max point reduction)	20%	
Weighted Factor Value	1.5		0.0		0.5			0.3			0.0	0.0	9.6	
Project Benefit	12.0													
SMART SCALE Cost	$88,612,237													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.4**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

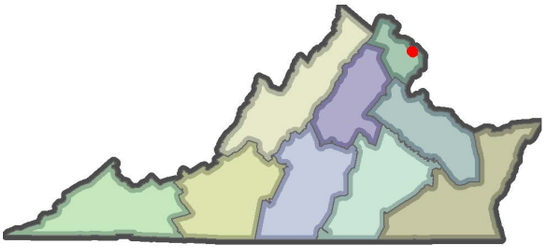
Route 7 Widening (I-495 to I-66)

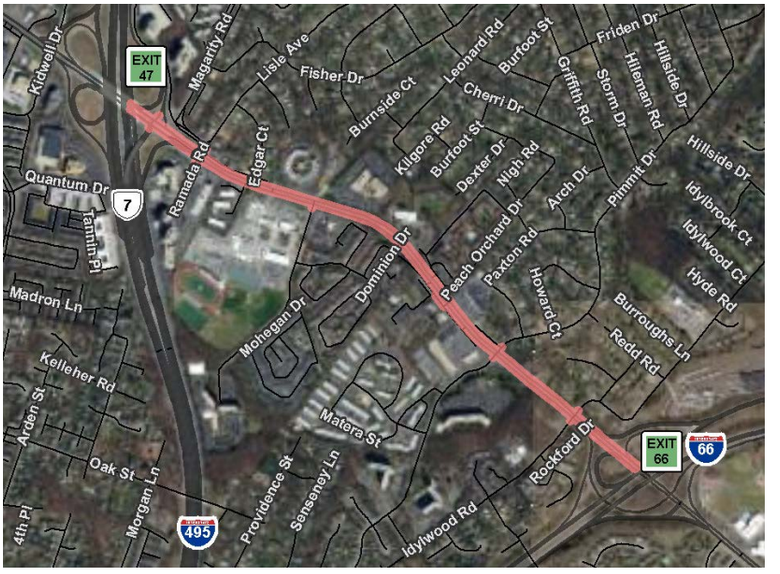
Project Id: 6766

The project will widen approx 1 mi of Rte 7 between I-495 and I-66 by an 11' lane in each direction, by widening to the outside. This will leave a 26' median to be reserved for future BRT. This project does not include BRT infrastructure. It includes 10' shared used paths on both sides. Intersection improvements will be required at 5 signals to facilitate the widening. ROW will be required to the outside not to exceed a total width of 150', with utility relocations within a proposed 8' buffer.

0.9 SMART SCALE SCORE	**#310** OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$214,331,839
		Total Project Cost	$250,758,001
	#25 OF 30 DISTRICTWIDE	**Project Benefit**	19.9
		Project Benefit / Total Cost	0.8

Submitting Entity: Fairfax County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: No
VTRANS Need: Regional Network





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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	340.6 persons	52.2 person hrs.	46.8 EPDO	449.0 EPDO / 100M VMT	57.9 jobs per resident	60.5 jobs per resident	85.0 adjusted users	26,282,961.8 adj sq. ft.	34,422.7 daily tons	0.0 adj. buffer time index	113.4 adjusted points	3.0 impacted acres	37.5 access * pop/emp density.h	38.7 access * pop/emp density change.
Normalized Measure Value (0-100)	18.3	8.6	7.5	1.3	3.4	3.1	3.5	42.2	2.7	0.0	2.5	0.2	56.7	58.8
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	13.4		5.6		3.3			25.9			2.5		57.7	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%	5 (max point reduction)	20%	
Weighted Factor Value	6.0		0.3		0.5			1.3			0.3	0.0	11.5	
Project Benefit	19.9													
SMART SCALE Cost	$214,331,839													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.9**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

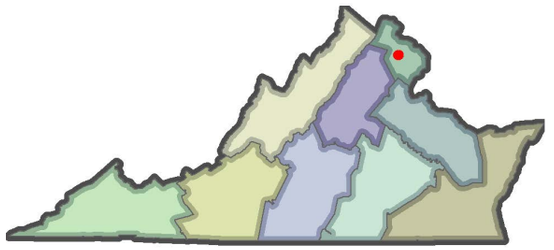
Braddock Road at Old Lee Road Improvements

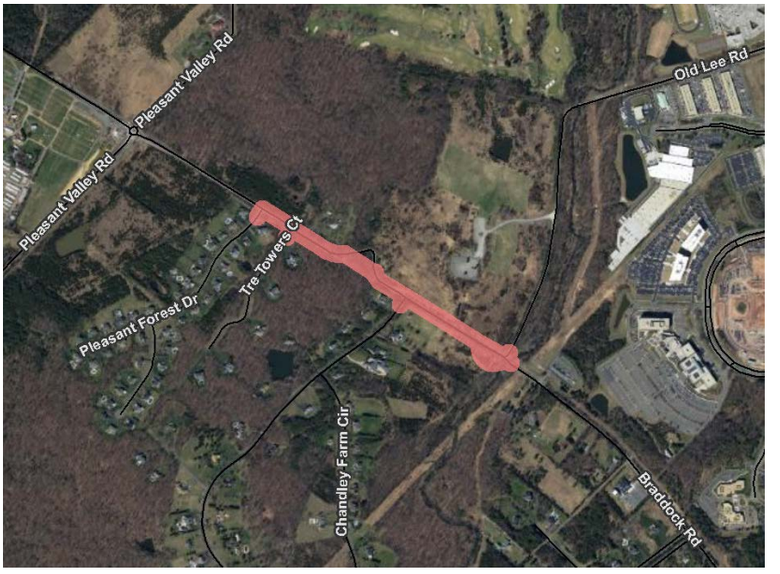
Project Id: 6767

The project will improve the intersection of Braddock/Old Lee and realign the S-curve on Braddock Road to mitigate congestion and improve safety of vehicles and pedestrians. The intersection improvement would add signalization, a 200ft southbound turn lane, and a 1,100ft Jug-handle eastbound turn lane. Realignment of S-curve will have a typical cross section of two 11ft lanes with a 10ft shared-use path. The project has moderate ROW, utility (gas, fiber, electric), and environmental impacts.

2.0 SMART SCALE SCORE			
	#239 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$15,972,000
		Total Project Cost	$18,076,569
	#19 OF 30 DISTRICTWIDE	**Project Benefit**	3.2
		Project Benefit / Total Cost	1.8

Submitting Entity: Fairfax County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: No
VTRANS Need: Regional Network





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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	10.9 persons	1.5 person hrs.	6.6 EPDO	359.4 EPDO / 100M VMT	4.7 jobs per resident	3.3 jobs per resident	32.7 adjusted users	283,672.1 adj sq. ft.	0.0 daily tons	0.0 adj. buffer time index	43.5 adjusted points	38.4 impacted acres	10.8 access * pop/emp density.h	8.8 access * pop/emp density change.
Normalized Measure Value (0-100)	0.6	0.2	1.1	1.0	0.3	0.2	1.3	0.5	0.0	0.0	1.0	3.0	16.4	13.3
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	0.4		1.0		0.5			0.3			1.0		14.8	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%	5 (max point reduction)	20%	
Weighted Factor Value	0.2		0.1		0.1			0.0			0.1	-0.1	3.0	
Project Benefit	3.2													
SMART SCALE Cost	$15,972,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**2.0**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

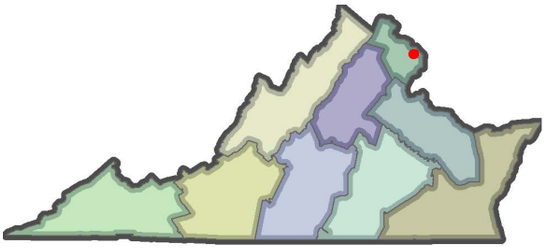
South Washington Bus Stop Expansion & Access to Transit

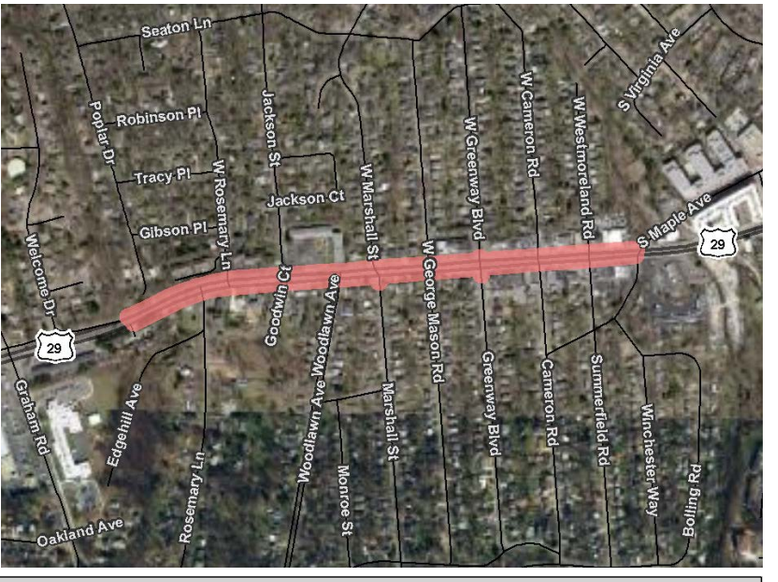
Project Id: 7151

The project is along S Washington St from the int at S Maple Ave to the int at Graham Rd (approx. 2100'). 6 new bus shelters will be constructed. At ints of Marshall and Greenway Blvd: decrease lane width, improved int. geometry, ped refuge areas at medians, ped streetlights, curb bump outs, improve ramps. Marshall int incl signal mast arm replacement & upgraded signal equipment. Project incl right of way and utilities.

20.0 SMART SCALE SCORE	**#15** OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$6,399,369
		Total Project Cost	$6,399,369
	#3 OF 30 DISTRICTWIDE	**Project Benefit**	12.8
		Project Benefit / Total Cost	20.0

Submitting Entity: Falls Church City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: No
VTRANS Need: Regional Network





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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	45.9 persons	0.1 person hrs.	3.1 EPDO	5.7 EPDO / 100M VMT	1.0 jobs per resident	1.1 jobs per resident	229.5 adjusted users	479,104.0 adj sq. ft.	0.0 daily tons	64,863,992.5 adj. buffer time index	137.7 adjusted points	1.0 impacted acres	37.4 access * pop/emp density.h	39.2 access * pop/emp density change.
Normalized Measure Value (0-100)	2.5	0.0	0.5	0.0	0.1	0.1	9.4	0.8	0.0	0.6	3.1	0.1	56.6	59.5
Measure Weight (% of Factor)	50%	50%	100%	0%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	1.2		0.5		1.9			0.6			3.1		58.1	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%	5 (max point reduction)	20%	
Weighted Factor Value	0.6		0.0		0.3			0.0			0.3	0.0	11.6	
Project Benefit	12.8													
SMART SCALE Cost	$6,399,369													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**20.0**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

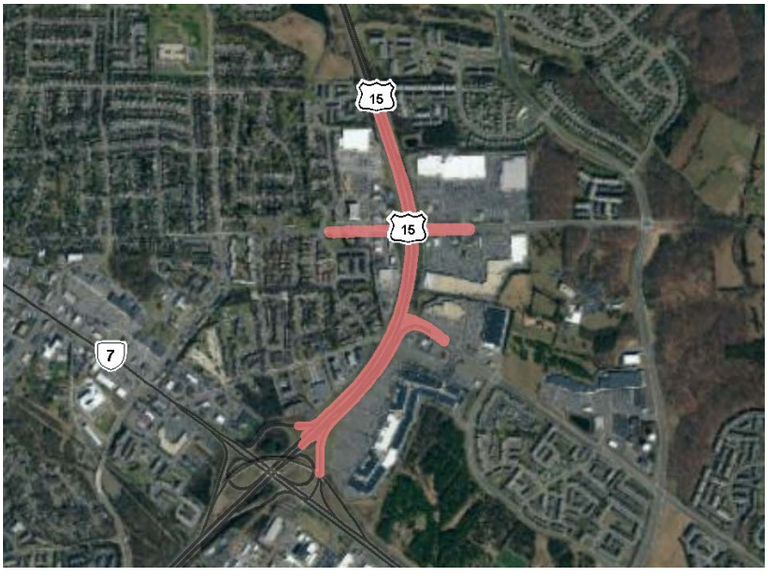
PROJECT SCORECARD

Rte 15 Leesburg Bypass Interchange with Edwards Ferry Road — Project Id: 6809

The project is a hybrid-SPUI to improve traffic operations and allow Rt. 15 to function as a free-flow limited access facility at Edwards Ferry Rd. (EFR) and Fort Evans Rd. (FER) in Leesburg, VA. The project starts north of exist. Rt. 7/Rt. 15 Interch., extends ~4900' NB to include the Rt. 15/FER and Rt. 15/EFR crossings. The project includes; 2 – two-lane C-D rds. (NB & SB); 2 bridges (625'lg. x 86'w. & 154'lg. x 86'w); 4 signals; 10' shared-use paths; 5' Sidewalkss.

1.2 SMART SCALE SCORE	#284 OF 397 STATEWIDE	SMART SCALE Requested Funds	$164,400,257
	#22 OF 30 DISTRICTWIDE	Total Project Cost	$183,075,541
		Project Benefit	19.7
		Project Benefit / Total Cost	1.1

Submitting Entity: Leesburg Town
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: No
VTRANS Need: Regional Network



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	299.9 persons	28.8 person hrs.	69.2 EPDO	590.7 EPDO / 100M VMT	339.6 jobs per resident	381.4 jobs per resident	1,499.5 adjusted users	77,957.6 adj sq. ft.	49,982.9 daily tons	326,819,122.3 adj. buffer time index	1,499.5 adjusted points	59.7 impacted acres	23.9 access * pop/emp density.h	23.5 access * pop/emp density change.
Normalized Measure Value (0-100)	16.1	4.7	11.1	1.7	19.7	19.3	61.6	0.1	3.9	3.0	33.7	4.6	36.1	35.7
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	10.4		8.3		28.0			1.5			33.7		35.9	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%	5 (max point reduction)	20%	
Weighted Factor Value	4.7		0.4		4.2			0.1			3.4	-0.2	7.2	
Project Benefit	19.7													
SMART SCALE Cost	$164,400,257													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.2**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

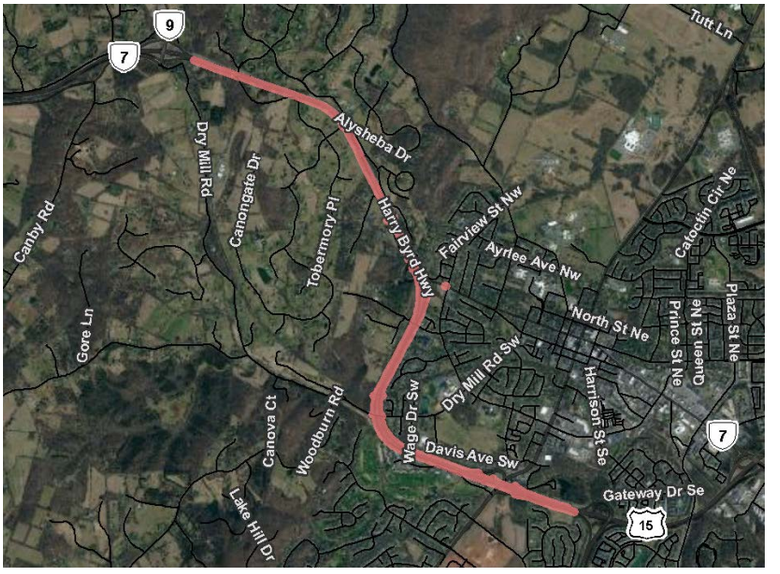
Route 7 Improvements, Phase 3:(Route 9 to Dulles Greenway)

Project Id: 6641

This project includes design, row acquisition, and construction to widen Route 7 from 2 to 3 lanes. The EB widening is about 4.2 mi long from the Route 9 interchange to the Dulles Greenway. Project includes: 12' lane and shoulder addition, access management reconstruction of two bridges, and bridge widening. The WB widening extends about 1.6 mi from the Dulles Greenway to the exit to Rte. 15 SB. The WB widening connects to the 3rd lane constructed in 2016 within the West Market St. Interchange.

4.2 SMART SCALE SCORE			
	#140 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$130,120,198
		Total Project Cost	$163,255,198
	#14 OF 30 DISTRICTWIDE	**Project Benefit**	54.0
		Project Benefit / Total Cost	3.3

Submitting Entity: Loudoun County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: No
VTRANS Need: Regional Network



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	1,862.3 persons	610.1 person hrs.	44.8 EPDO	61.0 EPDO / 100M VMT	142.9 jobs per resident	68.1 jobs per resident	0.0 adjusted users	0.0 adj sq. ft.	274,292.8 daily tons	243,812,305.5 adj. buffer time index	0.0 adjusted points	10.4 impacted acres	25.6 access * pop/emp density.h	25.3 access * pop/emp density change.
Normalized Measure Value (0-100)	100.0	100.0	7.2	0.2	8.3	3.5	0.0	0.0	21.5	2.3	0.0	0.8	38.7	38.4
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	100.0		5.1		5.7			4.8			0.0		38.5	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%	5 (max point reduction)	20%	
Weighted Factor Value	45.0		0.3		0.8			0.2			0.0	0.0	7.7	
Project Benefit	54.0													
SMART SCALE Cost	$130,120,198													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**4.2**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

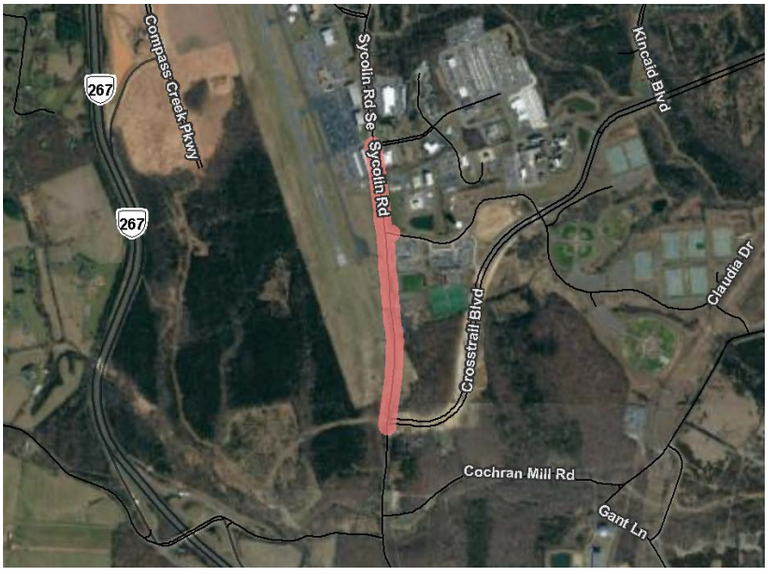
Sycolin Road-Loudoun Center Place to Crosstrail Boulevard

Project Id: 6642

This project provides for the design, right-of-way acquisition, utilities relocation, and construction to widen approximately 4,200 ft. of Sycolin Rd to a 4-lane, 16 ft. median divided road between Loudoun Center Pl. and Crosstrail Blvd with 10 foot shared use paths, 12 ft. travel lanes, and access management improvements, including Leesburg Airport, and recreational facilities. The projects improves access for cars, pedestrians, and buses to the Leesburg PNR.

4.8 SMART SCALE SCORE	**#127** OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$15,084,789
		Total Project Cost	$42,595,789
	#13 OF 30 DISTRICTWIDE	**Project Benefit**	7.3
		Project Benefit / Total Cost	1.7

Submitting Entity: Loudoun County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: No
VTRANS Need: Regional Network



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	13.5 persons	3.1 person hrs.	15.6 EPDO	1,523.8 EPDO / 100M VMT	10.9 jobs per resident	7.6 jobs per resident	67.3 adjusted users	136,623.8 adj sq. ft.	3,577.2 daily tons	1,115,659.7 adj. buffer time index	67.3 adjusted points	11.1 impacted acres	21.8 access * pop/emp density.h	21.5 access * pop/emp density change.
Normalized Measure Value (0-100)	0.7	0.5	2.5	4.3	0.6	0.4	2.8	0.2	0.3	0.0	1.5	0.9	33.0	32.6
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	0.6		3.0		1.0			0.2			1.5		32.8	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%	5 (max point reduction)	20%	
Weighted Factor Value	0.3		0.2		0.2			0.0			0.2	0.0	6.6	
Project Benefit	7.3													
SMART SCALE Cost	$15,084,789													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**4.8**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

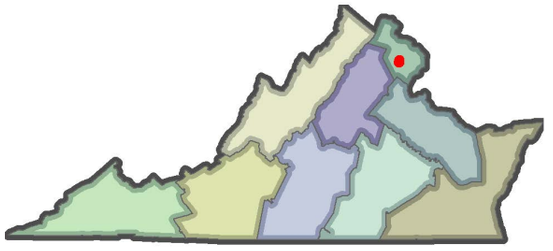
Route 28-Centreville Road Corridor Improvements

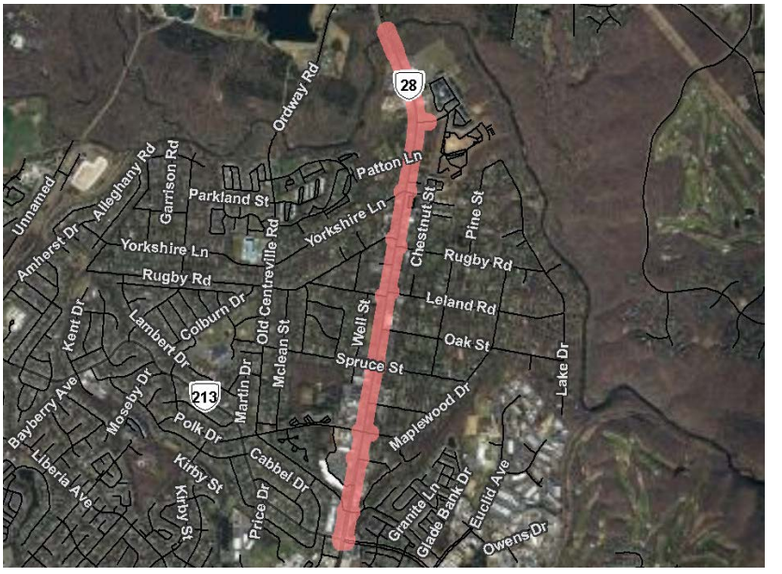
Project Id: 6989

Innovative intersections along Rte 28: restricted crossing U-Turn at Brown Ln, Maplewood Dr, Leeland Road, and Orchard Bridge Dr; Median U-Turn at Yorkshire Ln/Falls Grove Dr. Signal modifications; installation of continuous raised median for access control; turn lanes; continuous 5-6 ft sidewalk on the east side of Rte 28 from Manassas Dr. to Orchard BrIdge Dr.; extension of ex. box culvert N. of Leeland; R/W and esm't acquisition; associated utility reconfigurations.

2.1 SMART SCALE SCORE			
	#232 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$58,667,170
		Total Project Cost	$58,667,170
	#18 OF 30 DISTRICTWIDE	**Project Benefit**	12.4
		Project Benefit / Total Cost	2.1

Submitting Entity: Manassas Park City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance





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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	141.0 persons	31.5 person hrs.	209.5 EPDO	523.7 EPDO / 100M VMT	2.4 jobs per resident	2.8 jobs per resident	211.5 adjusted users	42,564.9 adj sq. ft.	0.0 daily tons	0.0 adj. buffer time index	282.0 adjusted points	101.4 impacted acres	25.6 access * pop/emp density.h	26.1 access * pop/emp density change.
Normalized Measure Value (0-100)	7.6	5.2	33.6	1.5	0.1	0.1	8.7	0.1	0.0	0.0	6.3	7.8	38.7	39.5
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	6.4		24.0		1.9			0.0			6.3		39.1	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%	5 (max point reduction)	20%	
Weighted Factor Value	2.9		1.2		0.3			0.0			0.6	-0.4	7.8	
Project Benefit	12.4													
SMART SCALE Cost	$58,667,170													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**2.1**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

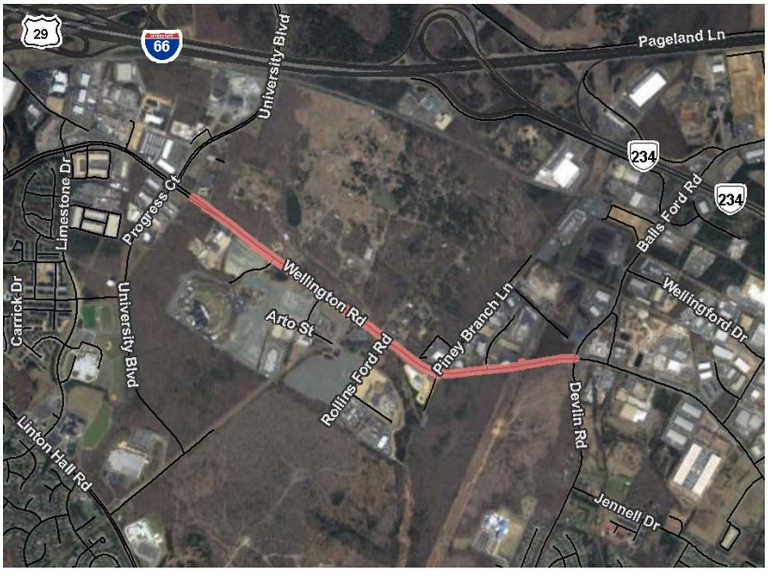
Wellington Road Widening: University Blvd to Balls Ford Rd

Project Id: 6784

The project consists of widening Wellington Rd from University Blvd to Balls Ford Rd/Devlin Rd from 2 to 4 lanes (12' lanes) with a 16' median, 5' sidewalk and 10' shared-use path. The project includes stormwater management facilities, signal modifications, require utility relocation and additional right-of-way/easements. The length of the project is approximately 1.6 miles and improves accessibility to I-66 Express Lanes Ramps and Commuter Lots located adjacent to the project.

0.9 SMART SCALE SCORE	**#314** OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$76,120,749
		Total Project Cost	$76,120,749
	#26 OF 30 DISTRICTWIDE	**Project Benefit**	6.7
		Project Benefit / Total Cost	0.9

Submitting Entity: Prince William County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: No
VTRANS Need: Corridor of Statewide Significance



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	39.9 persons	30.9 person hrs.	47.9 EPDO	419.5 EPDO / 100M VMT	184.5 jobs per resident	187.2 jobs per resident	116.3 adjusted users	1,972,621.2 adj sq. ft.	82,447.8 daily tons	0.0 adj. buffer time index	155.1 adjusted points	19.5 impacted acres	9.6 access * pop/emp density.h	9.8 access * pop/emp density change.
Normalized Measure Value (0-100)	2.1	5.1	7.7	1.2	10.7	9.5	4.8	3.2	6.5	0.0	3.5	1.5	14.5	14.8
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	3.6		5.7		9.3			3.2			3.5		14.7	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%	5 (max point reduction)	20%	
Weighted Factor Value	1.6		0.3		1.4			0.2			0.3	-0.1	2.9	
Project Benefit	6.7													
SMART SCALE Cost	$76,120,749													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.9**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

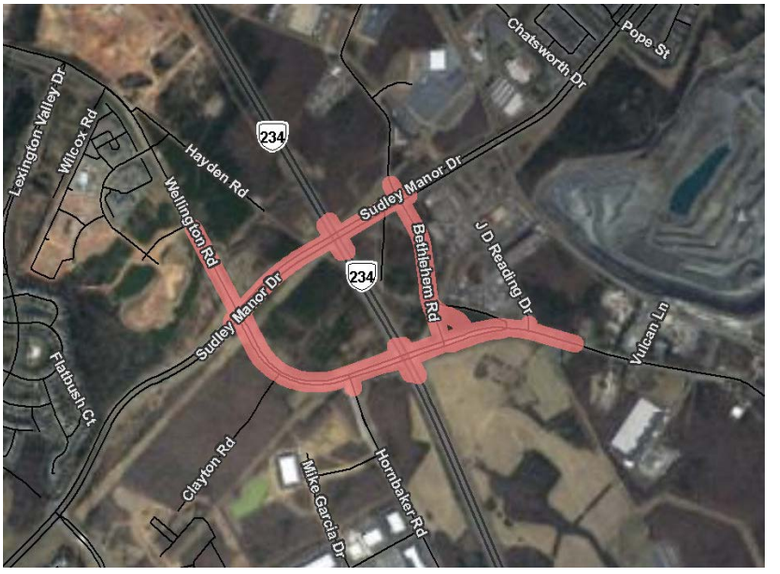
Route 234 and Sudley Manor Dr Intersection Improvements

Project Id: 6785

The project consists of interchange/intersection improvements at the intersection of Route 234 (Prince William Parkway) and Sudley Manor Drive / Wellington Road. Sudley Manor Dr and adjacent intersections and bike / ped improvements. Project incl. grade separation at Sudley Manor Dr and an innovative intersection will be constructed at the Wellington Road intersection to increase capacity, improve person throughput, and reduce congestion along this CoSS corridor.

0.9 SMART SCALE SCORE			
	#316 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$177,003,074
		Total Project Cost	$177,003,074
	#27 OF 30 DISTRICTWIDE	**Project Benefit**	15.1
		Project Benefit / Total Cost	0.9

Submitting Entity: Prince William County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	94.4 persons	145.9 person hrs.	168.5 EPDO	1,666.0 EPDO / 100M VMT	117.4 jobs per resident	119.9 jobs per resident	283.2 adjusted users	473,461.4 adj sq. ft.	0.0 daily tons	57,560,744.1 adj. buffer time index	377.7 adjusted points	59.0 impacted acres	19.1 access * pop/emp density.h	19.4 access * pop/emp density change.
Normalized Measure Value (0-100)	5.1	23.9	27.0	4.7	6.8	6.1	11.6	0.8	0.0	0.5	8.5	4.6	28.8	29.4
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	14.5		20.3		7.6			0.6			8.5		29.1	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%	5 (max point reduction)	20%	
Weighted Factor Value	6.5		1.0		1.1			0.0			0.8	-0.2	5.8	
Project Benefit	15.1													
SMART SCALE Cost	$177,003,074													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.9**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

Route 15 Improvements with Railroad Overpass

Project Id: 6786

Project includes widening Rt 15 from 2 to 4 lanes (12' lanes) with a median (variable), 10' shared-use path, and overpass over the RR tracks. The project extends 1000' north/1200' south of the tracks. The project includes SWM facilities, signal modifications, utility relocation and additional ROW/easements. Project includes two 180' bridge decks for NB/ SB traffic with a protected bike/ped facility on SB bridge. Access management improvements will be made 400' north of bridge deck.

0.6 SMART SCALE SCORE			
	#331 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$90,921,155
		Total Project Cost	$90,921,155
	#28 OF 30 DISTRICTWIDE	**Project Benefit**	5.6
		Project Benefit / Total Cost	0.6

Submitting Entity: Prince William County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: No
VTRANS Need: Regional Network

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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	16.7 persons	66.4 person hrs.	2.8 EPDO	79.2 EPDO / 100M VMT	2.7 jobs per resident	1.6 jobs per resident	50.0 adjusted users	242,204.7 adj sq. ft.	0.0 daily tons	0.0 adj. buffer time index	66.6 adjusted points	42.7 impacted acres	9.3 access * pop/emp density.h	9.4 access * pop/emp density change.
Normalized Measure Value (0-100)	0.9	10.9	0.4	0.2	0.2	0.1	2.1	0.4	0.0	0.0	1.5	3.3	14.1	14.2
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	5.9		0.4		0.5			0.2			1.5		14.1	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%	5 (max point reduction)	20%	
Weighted Factor Value	2.6		0.0		0.1			0.0			0.1	-0.2	2.8	
Project Benefit	5.6													
SMART SCALE Cost	$90,921,155													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.6**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

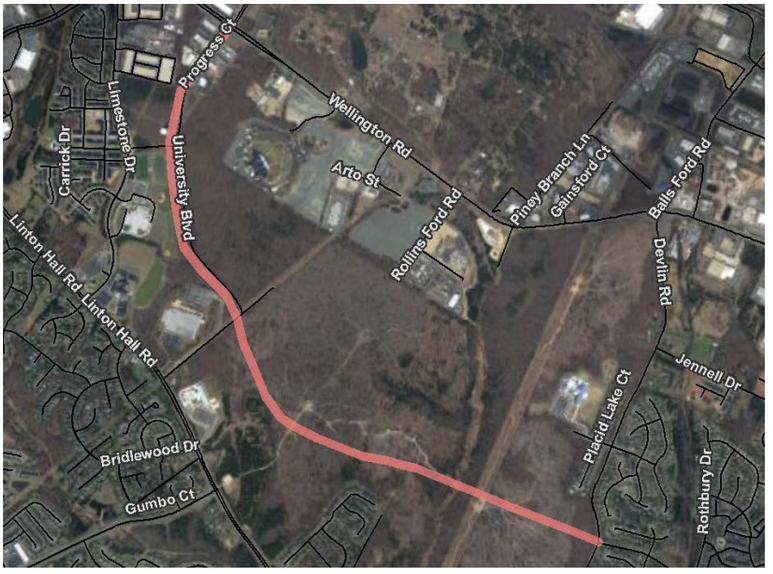
University Blvd Extension - Devlin Rd to Wellington Rd

Project Id: 6787

University Bl will be extended from Devlin Rd to Wellington Rd as a 4-lane roadway, with 12' travel lanes, 10' shared use path and 5' sidewalk. Project includes stormwater management facilities, signal modifications and a bridge over the culvert located approx.0.5 miles west of Devlin Rd. The extension will be designed to avoid major conflicts with utilities. Utility relocation and ROW/easements are included in the project. The project includes bike/ped crossings at intersections/new bridge.

0.2 SMART SCALE SCORE	**#374** OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$129,324,001
		Total Project Cost	$167,595,737
	#30 OF 30 DISTRICTWIDE	**Project Benefit**	2.2
		Project Benefit / Total Cost	0.1

Submitting Entity: Prince William County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: No
VTRANS Need: Corridor of Statewide Significance



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	22.8 persons	5.7 person hrs.	0.0 EPDO	0.0 EPDO / 100M VMT	21.5 jobs per resident	20.0 jobs per resident	15.9 adjusted users	1,510,518.2 adj sq. ft.	15,532.4 daily tons	0.0 adj. buffer time index	21.2 adjusted points	166.3 impacted acres	6.7 access * pop/emp density.h	6.8 access * pop/emp density change.
Normalized Measure Value (0-100)	1.2	0.9	0.0	0.0	1.2	1.0	0.7	2.4	1.2	0.0	0.5	12.9	10.2	10.3
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	1.1		0.0		1.1			1.7			0.5		10.2	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%	5 (max point reduction)	20%	
Weighted Factor Value	0.5		0.0		0.2			0.1			0.0	-0.6	2.0	
Project Benefit	2.2													
SMART SCALE Cost	$129,324,001													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.2**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

Van Buren Road Improvements: Route 234 to Cardinal Dr

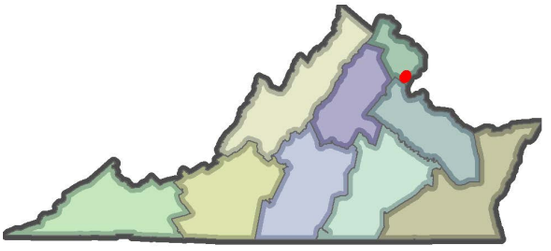
Project Id: 6788

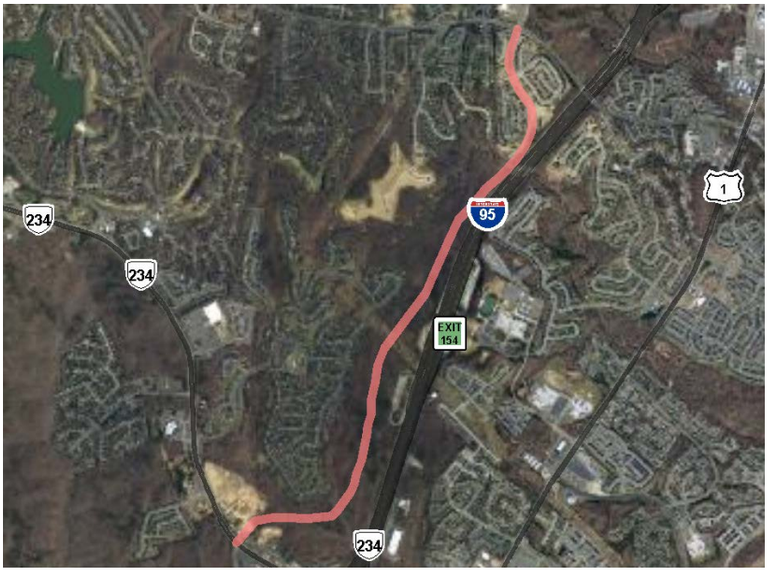
The project will extend Van Buren Rd from its current terminus at Route 234/Dumfries Rd to Cardinal Dr as a four-lane roadway. Roadway will be constructed with 12' travel lanes, 4-16' median, 10' shared use path and 5' sidewalk. Project includes a storm water facility west of the northbound lane and traffic signal modification at Van Buren Rd and Route 234. Right of Way impacts and utility relocation have been included in the cost estimate. A bridge will be constructed over Powell's Creek.

1.0 SMART SCALE SCORE	
#306	OF 397 STATEWIDE
#24	OF 30 DISTRICTWIDE

SMART SCALE Requested Funds	$220,016,284
Total Project Cost	$222,016,284
Project Benefit	21.2
Project Benefit / Total Cost	1.0

Submitting Entity: Prince William County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: No
VTRANS Need: Corridor of Statewide Significance





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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	653.5 persons	206.9 person hrs.	0.0 EPDO	0.0 EPDO / 100M VMT	114.8 jobs per resident	157.2 jobs per resident	65.9 adjusted users	602,189.0 adj sq. ft.	0.0 daily tons	0.0 adj. buffer time index	87.9 adjusted points	15.7 impacted acres	14.5 access * pop/emp density.h	15.5 access * pop/emp density change.
Normalized Measure Value (0-100)	35.1	33.9	0.0	0.0	6.7	8.0	2.7	1.0	0.0	0.0	2.0	1.2	21.9	23.6
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	34.5		0.0		6.1			0.6			2.0		22.7	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%	5 (max point reduction)	20%	
Weighted Factor Value	15.5		0.0		0.9			0.0			0.2	-0.1	4.5	
Project Benefit	21.2													
SMART SCALE Cost	$220,016,284													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.0**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

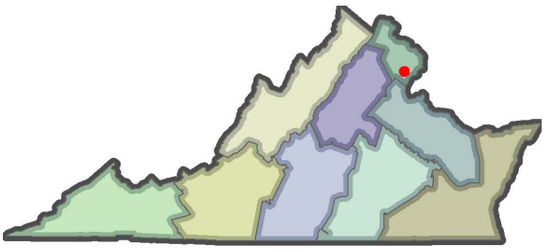
Route 294 and Old Bridge Road Intersection Improvements

Project Id: 6791

The project realigns Prince William Pkwy as a 6-lane roadway and realigns Old Bridge Rd as a 4-lane roadway (Standard-T Design). Realigned Prince William Pkwy will be the primary through movement with 12' lanes, raised median, 5' sidewalk on south side and 10' trail on north side. Project includes access management, turn lanes, intersection improvements at 5 locations and signal modifications at the main intersection. Project also includes pedestrian crossings, ROW, utilities and SWM facilities.

6.1 SMART SCALE SCORE	**#104** OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$33,953,806
		Total Project Cost	$33,953,806
	#11 OF 30 DISTRICTWIDE	**Project Benefit**	20.8
		Project Benefit / Total Cost	6.1

Submitting Entity: Prince William County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: No
VTRANS Need: Regional Network



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	606.4 persons	131.9 person hrs.	25.7 EPDO	372.8 EPDO / 100M VMT	183.1 jobs per resident	187.8 jobs per resident	746.2 adjusted users	41,651.5 adj sq. ft.	0.0 daily tons	28,661,000.9 adj. buffer time index	746.2 adjusted points	2.4 impacted acres	14.9 access * pop/emp density.h	15.3 access * pop/emp density change.
Normalized Measure Value (0-100)	32.6	21.6	4.1	1.0	10.6	9.5	30.7	0.1	0.0	0.3	16.8	0.2	22.5	23.2
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	27.1		3.2		14.4			0.1			16.8		22.9	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%	5 (max point reduction)	20%	
Weighted Factor Value	12.2		0.2		2.2			0.0			1.7	0.0	4.6	
Project Benefit	20.8													
SMART SCALE Cost	$33,953,806													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**6.1**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

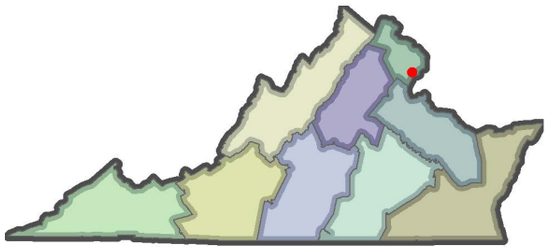
North Woodbridge Mobility Improvements (Marina Way extended)

Project Id: 6793

The project will construct a new road in North Woodbridge by constructing the extension of Marina Way. Marina Way is a 0.26 extension constructed as a 4-lane boulevard that will connect Horner Rd to the Occoquan River. The project includes a 5' sidewalks, turn lane and shoulder improvements, signal modifications, ROW acquisition and utility relocation.

2.2 SMART SCALE SCORE			
	#224 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$25,310,279
		Total Project Cost	$25,310,279
	#17 OF 30 DISTRICTWIDE	**Project Benefit**	5.7
		Project Benefit / Total Cost	2.2

Submitting Entity: Prince William County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: No
VTRANS Need: Corridor of Statewide Significance



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	18.4 persons	0.1 person hrs.	0.0 EPDO	0.0 EPDO / 100M VMT	2.4 jobs per resident	2.7 jobs per resident	27.0 adjusted users	70,775.1 adj sq. ft.	42.4 daily tons	0.0 adj. buffer time index	36.1 adjusted points	1.4 impacted acres	17.0 access * pop/emp density.h	18.0 access * pop/emp density change.
Normalized Measure Value (0-100)	1.0	0.0	0.0	0.0	0.1	0.1	1.1	0.1	0.0	0.0	0.8	0.1	25.7	27.4
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	0.5		0.0		0.3			0.1			0.8		26.5	
Factor Weight (% of Project Score)	45%		5%		15%			5%			10%	5 (max point reduction)	20%	
Weighted Factor Value	0.2		0.0		0.1			0.0			0.1	0.0	5.3	
Project Benefit	5.7													
SMART SCALE Cost	$25,310,279													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**2.2**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

RICHMOND DISTRICT

FY 2022

SCORECARDS

Commonwealth Transportation Board
Office of Intermodal Planning and Investment
Virginia Department of Transportation
Virginia Department of Rail and Public Transportation

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SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

Display Id	Project Name	Organization	District Rank	State Rank	Page #
6646	A Gillies Creek Greenway	Richmond City	1	7	07-53
6823	Articulated Vehicles for Bus Rapid Transit Expansion	Greater Richmond Transit Company (GRTC)	2	9	07-23
6652	G Commerce Road Streetscape	Richmond City	3	25	07-59
7014	Nine Mile Rd Roadway Reconfiguration & Ped Safety Project	Henrico County	4	32	07-39
6651	F Clay Street Streetscape Improvements	Richmond City	5	33	07-58
6649	D US Route 1 Phase II Improvements	Richmond City	6	49	07-56
6914	A Broad Street Streetscape w/ Pulse BRT Expansion Phase I	Richmond Regional Transportation Planning Organization	7	78	07-71
6991	Alverser at Old Buckingham Roundabout	Chesterfield County	8	82	07-09
7129	RT 60/Stonebridge Plaza/Boulders - Intersection Improvements	Chesterfield County	9	84	07-14
7055	Ashcake Road Pedestrian Improvements	Ashland Town	10	97	07-02
7042	Williamsburg Road Pedestrian and Transit Improvements	Greater Richmond Transit Company (GRTC)	11	101	07-25
6740	Powhite NB at Chippenham Capacity and Safety Improvements	Richmond Regional Transportation Planning Organization	12	103	07-65
6915	Intersection Improvements - US 58 and Country Ln/Atlantic St	South Hill Town	13	105	07-72
6899	Nine Mile Rd Multimodal Mobility & Safety Improvements	Henrico County	14	107	07-36
6748	Intersection Improvements to US 58/626 and US 58/759	Mecklenburg County	15	109	07-44
6647	B James River Branch - Rail to Trail Greenway	Richmond City	16	117	07-54
7081	Intersection Improvements for US 58 and Robinson Ferry Rd	Brunswick County	17	119	07-04
7154	US 58 Improvements between Rt 46 and Brunswick Square	Brunswick County	18	120	07-05
6668	Sliding Hill Road/Peaks Road Roundabout	Hanover County	19	123	07-28
6930	Route 360 at Brad McNeer Parkway - Continuous Green-T	Chesterfield County	20	125	07-07
6741	Powhite SB at Chippenham Capacity and Safety Improvements	Richmond Regional Transportation Planning Organization	21	126	07-66
6931	Matoaca Road at Woodpecker Road - Roundabout	Chesterfield County	22	128	07-08
6949	Staples Mill Road Improvements	Henrico County	23	129	07-38
7120	Roundabout at Middle Road and Prince George Drive	Prince George County	24	134	07-50
6724	Springfield Road Improvements	Henrico County	25	136	07-31
6898	Brook and Hilliard Road Diet	Henrico County	26	138	07-35
7065	Hill Carter Parkway Extension	Ashland Town	27	144	07-03

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

Display Id	Project Name	Organization	District Rank	State Rank	Page #
6778	Ashland to Petersburg Trail US 1 Walmsley to Bellemeade	Richmond Regional Transportation Planning Organization	28	145	07-68
6708	Route 360/Courthouse Road Intersection Improvement	Richmond Regional Transportation Planning Organization	29	146	07-63
6893	W Broad Street Short Pump	Henrico County	30	150	07-34
7179	Route 36 Oaklawn Blvd STARS Project	Hopewell City	31	151	07-42
6648	C US360 Hull Street Phase II	Richmond City	32	157	07-55
6828	Parham Road and I-64 Interchange Improvements	Henrico County	33	163	07-33
6669	Lewistown Road/Ashcake Road Roundabout	Hanover County	34	175	07-29
6653	H Belt Boulevard (SR161) Streetscape	Richmond City	35	185	07-60
6842	I-64 WB Widening (Exit 211 to Exit 205)	Richmond Regional Transportation Planning Organization	36	186	07-70
6973	Rte 288 - New SB Auxiliary Lane South of U.S. 250	Goochland County	37	188	07-20
6661	Walnut Grove Rd and Creighton Rd/Creighton Pkwy Roundabout	Hanover County	38	199	07-26
6655	J Hey Road Streetscape	Richmond City	39	202	07-61
7016	Courthouse Road (RT 10 - Pocahontas State Park) Trail	Chesterfield County	40	206	07-13
6650	E Forest Hill Avenue Phase II Improvements	Richmond City	41	209	07-57
7121	Hines Road [Rte. 625]Realignment at County Drive [Rte. 460]	Prince George County	42	213	07-51
7156	Segment Improvements on US 58 between Brunswick Sq & Rt 46	Brunswick County	43	220	07-06
6994	Dundas Road (Rt. 1 - Wentworth St) Bike & Ped Improvement	Chesterfield County	44	225	07-12
7007	U.S. Route 60 at State Route 13/603 RCUT	Powhatan County	45	229	07-48
6768	Ashland to Petersburg Trail - Chickahominy River Crossing	Richmond Regional Transportation Planning Organization	46	240	07-67
6670	I-85 NB to I-95 SB - Tri-Cities MPO HB2 Priority 1	Tri-Cities Area Metropolitan Planning Organization	47	241	07-74
6841	I-64 EB Widening (Exit 205 to Exit 211)	Richmond Regional Transportation Planning Organization	48	243	07-69
7011	US 58/High St Roundabout and Interparcel Connector	South Hill Town	49	247	07-73
6993	Rt. 60 (Providence-Wadsworth/Gateway) Bike/Ped Improvements	Chesterfield County	50	252	07-11
6667	Route 1/Route 30 Green-T	Hanover County	51	253	07-27
7142	Fairground Road Extension	Goochland County	52	254	07-22

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

Display Id	Project Name	Organization	District Rank	State Rank	Page #
6995	Route 1 Transit Accessibility Improvements	Greater Richmond Transit Company (GRTC)	53	260	07-24
6685	SB 288 Continuous HSR Lane - West Creek Parkway to Route 711	Richmond Regional Transportation Planning Organization	54	262	07-62
6904	Longdale Trail and Intersection Improvements	Henrico County	55	264	07-37
6992	A-to-P Trail: Rt. 1 (Elliham Avenue - Dwight Avenue)	Chesterfield County	56	267	07-10
6721	Magellan Parkway Extension Project	Henrico County	57	271	07-30
7123	Roundabout at Middle Road(Rt 646) & Jefferson Park Rd (630)	Prince George County	58	272	07-52
7003	U.S. Route 60 at Stavemill Road: Westbound Left-Turn Lane	Powhatan County	59	282	07-47
7159	A-to-P Trail: Rt. 1 (Falling Creek Ave. - Food Lion)	Chesterfield County	60	283	07-15
7163	Route 58/15/49 Roundabout	Clarksville Town	61	285	07-16
7031	U.S. Route 60 at Red Lane Road: Continuous Green-T	Powhatan County	62	295	07-49
7008	Vaughan Road Overpass	Ashland Town	63	296	07-01
6968	I-64 at Oilville Road (Rte. 617) Interchange	Goochland County	64	311	07-19
6975	I-64 at Ashland Rd. (Rte. 623) Interchange	Goochland County	65	319	07-21
6811	Woodman Road Improvements	Henrico County	66	320	07-32
7027	Appomattox River Trail from Squaw Alley to I-95	Petersburg City	67	338	07-45
7024	Boulevard Modernization, Phase II	Colonial Heights City	68	339	07-17
6710	A-to-P Trail: Chester Linear Park Ext. & Chester Rd.	Richmond Regional Transportation Planning Organization	69	340	07-64
6986	Carter Gallier Boulevard Extension: Phase II	Powhatan County	70	346	07-46
7025	Lakeview Avenue Modernization, Phase II	Colonial Heights City	71	365	07-18
6695	A-to-P Trail, River Rd through VSU to Patton Pk & ART Trail	Tri-Cities Area Metropolitan Planning Organization	72	370	07-75
7175	Cedar Level Road Southern Segment	Hopewell City	73	372	07-41
7187	Courthouse Road Pedestrian Improvements	Hopewell City	74	375	07-43
7103	Appomattox River Trail Cameron's Landing Connector	Hopewell City	75	388	07-40

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SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

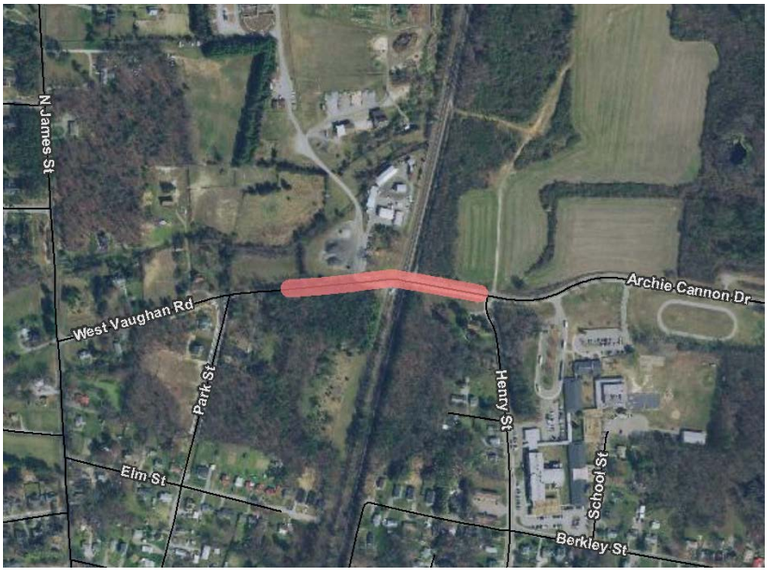
Vaughan Road Overpass

Project Id: 7008

Construct an east/west rail over pass at the Vaughan Road intersection. It will be 39'4" wide with 2 lanes and 6' shoulders to connect to sidewalks on the southern side of the corridor. It will provide a vital safety connection for adjacent school and fire station. R.O.W. will need to be obtained to provide for proper alignment and elevation Vaughan Road and Archie Cannon Road. This recommendation came from the DC2RVA FEIS.

1.0 SMART SCALE SCORE			
	#296 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$35,065,762
		Total Project Cost	$35,115,762
	#63 OF 75 DISTRICTWIDE	**Project Benefit**	3.6
		Project Benefit / Total Cost	1.0

Submitting Entity: Ashland Town
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: DGP
Evacuation Route: No
VTRANS Need: Urban Development Area



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	1.5 persons	0.0 person hrs.	0.0 EPDO	0.0 EPDO / 100M VMT	0.3 jobs per resident	0.4 jobs per resident	2.2 adjusted users	3,221,542.0 adj sq. ft.	0.0 daily tons	0.0 adj. buffer time index	0.0 adjusted points	5.5 impacted acres	17.8 access * pop/emp density.h	21.7 access * pop/emp density change.
Normalized Measure Value (0-100)	0.1	0.0	0.0	0.0	0.0	0.0	0.1	5.2	0.0	0.0	0.0	0.4	26.9	32.9
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	0.0		0.0		0.0			3.1			0.0		29.9	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%	5 (max point reduction)	10%	
Weighted Factor Value	0.0		0.0		0.0			0.6			0.0	0.0	3.0	
Project Benefit	3.6													
SMART SCALE Cost	$35,065,762													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.0**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

Ashcake Road Pedestrian Improvements

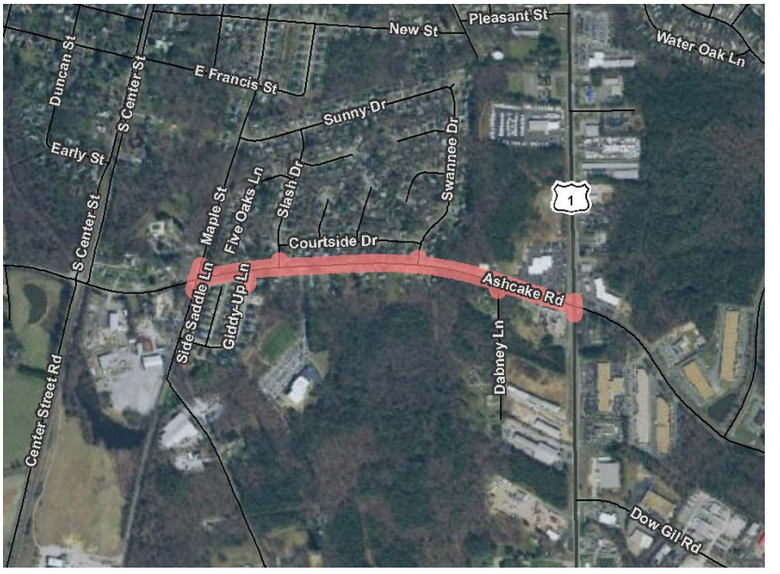
Project Id: 7055

Add bike/ped facilities on Ashcake Road between Rt. 1 and Maple Street. This trail will connect Rt. 1, via Ashcake Road and bike Rt. 76 to the Trolley Line Trail (Ashland to Pertersburg), which is part of the East Coast Greenway. It will also assist in connecting residents to the Hanover County Community Services offices.

6.6 SMART SCALE SCORE		
	#97	OF 397 STATEWIDE
	#10	OF 75 DISTRICTWIDE

SMART SCALE Requested Funds	$4,601,655
Total Project Cost	$4,621,655
Project Benefit	3.0
Project Benefit / Total Cost	6.5

Submitting Entity: Ashland Town
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: DGP
Evacuation Route: No
VTRANS Need: Safety (non-CoSS)



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	9.7 persons	0.0 person hrs.	6.0 EPDO	688.2 EPDO / 100M VMT	0.5 jobs per resident	0.3 jobs per resident	29.2 adjusted users	262,860.1 adj sq. ft.	0.0 daily tons	0.0 adj. buffer time index	0.0 adjusted points	8.1 impacted acres	16.2 access * pop/emp density.h	18.8 access * pop/emp density change.
Normalized Measure Value (0-100)	0.5	0.0	1.0	1.9	0.0	0.0	1.2	0.4	0.0	0.0	0.0	0.6	24.5	28.5
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	0.3		1.3		0.3			0.3			0.0		26.5	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%	5 (max point reduction)	10%	
Weighted Factor Value	0.0		0.3		0.1			0.1			0.0	0.0	2.6	
Project Benefit	3.0													
SMART SCALE Cost	$4,601,655													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**6.6**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

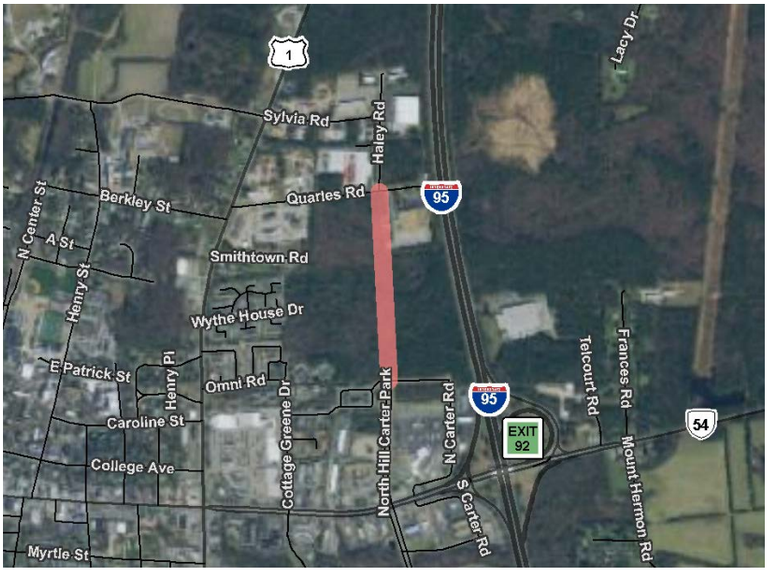
Hill Carter Parkway Extension

Project Id: 7065

Approximately 2,100 ft extension of Hill Carter Parkway connecting it ultimately from Ashcake Road to Sylvia Road/Archie Cannon Drive to allow for an alternate road for truck traffic. This will open up 280+ acres of industrial development to the northwest.

4.1 SMART SCALE SCORE			
	#144 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$11,210,238
		Total Project Cost	$11,260,238
	#27 OF 75 DISTRICTWIDE	**Project Benefit**	4.6
		Project Benefit / Total Cost	4.1

Submitting Entity: Ashland Town
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: DGP
Evacuation Route: No
VTRANS Need: Urban Development Area



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	139.0 persons	33.9 person hrs.	12.7 EPDO	122.2 EPDO / 100M VMT	2.6 jobs per resident	3.1 jobs per resident	8.2 adjusted users	1,610,771.0 adj sq. ft.	1,291.9 daily tons	0.0 adj. buffer time index	10.9 adjusted points	8.8 impacted acres	17.6 access * pop/emp density.h	21.7 access * pop/emp density change.
Normalized Measure Value (0-100)	7.5	5.6	2.0	0.3	0.2	0.2	0.3	2.6	0.1	0.0	0.2	0.7	26.6	32.9
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	6.5		1.5		0.2			1.6			0.2		29.8	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%	5 (max point reduction)	10%	
Weighted Factor Value	1.0		0.3		0.0			0.3			0.0	0.0	3.0	
Project Benefit	4.6													
SMART SCALE Cost	$11,210,238													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**4.1**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

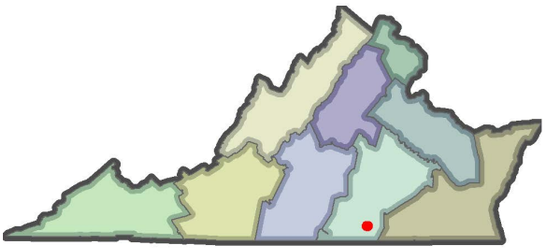
PROJECT SCORECARD

Intersection Improvements for US 58 and Robinson Ferry Rd — Project Id: 7081

Improve safety at the intersection of US 58/Robinson Ferry Rd by addressing horizontal and vertical curve approaches. Reconfigure intersection to an RCUT, allowing left-turns for traffic on US 58 and permitting right turns in and out of minor approaches. Left-turn lanes on US 58 will be extended. Convert existing crossovers to the east and west into U-turn areas, with the eastern crossover receiving moderate grading of the median and reconstruction of the ditch to accommodate the turn lane.

5.2 SMART SCALE SCORE			
	#119 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$4,260,602
		Total Project Cost	$4,260,602
	#17 OF 75 DISTRICTWIDE	**Project Benefit**	2.2
		Project Benefit / Total Cost	5.2

Submitting Entity: Brunswick County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	0.0 persons	0.0 person hrs.	31.9 EPDO	4,576.2 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	0.0 adj sq. ft.	0.0 daily tons	459,503.2 adj. buffer time index	0.0 adjusted points	2.8 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	5.1	12.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.0		7.4		0.0			0.0			0.0			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		2.2		0.0			0.0			0.0	0.0		
Project Benefit	2.2													
SMART SCALE Cost	$4,260,602													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**5.2**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

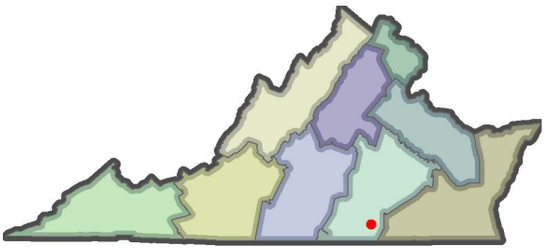
US 58 Improvements between Rt 46 and Brunswick Square

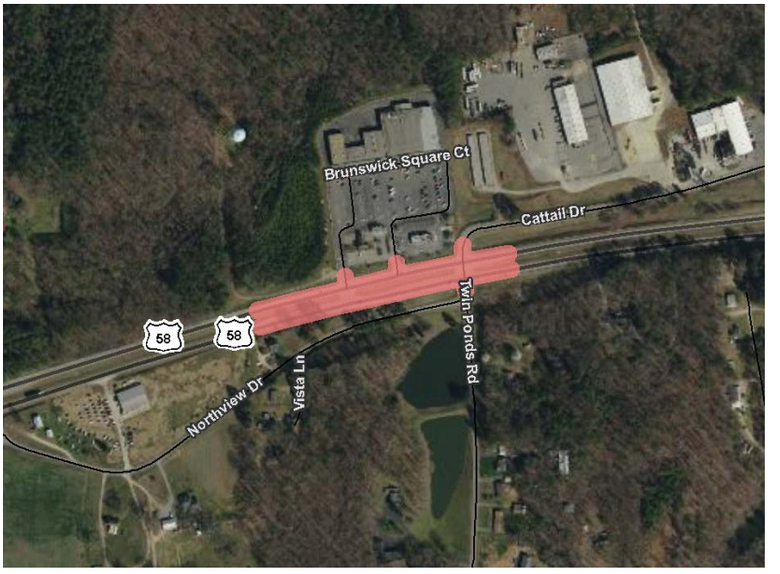
Project Id: 7154

Construct improvements to reconfigure the US 58 and Brunswick Square Shopping Center intersection to a Continuous Green-T, close the southbound approach of Cattail Drive (Rt 694), restrict the northbound approach of Twin Ponds Road (Rt 694) to right-in/right-out and remove the existing crossover between Cattail Drive and Twin Pond Road.

5.2 SMART SCALE SCORE			
	#120 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$3,198,053
		Total Project Cost	$3,198,053
	#18 OF 75 DISTRICTWIDE	**Project Benefit**	1.7
		Project Benefit / Total Cost	5.2

Submitting Entity: Brunswick County
Preliminary Engineering: Not Started
Right of Way: Not Needed
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance





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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	0.0 persons	0.6 person hrs.	4.6 EPDO	1,031.3 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	551,729.6 adj sq. ft.	0.0 daily tons	80,775.7 adj. buffer time index	470.0 adjusted points	0.9 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.1	0.7	2.9	0.0	0.0	0.0	0.9	0.0	0.0	10.6	0.1		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.0		1.4		0.0			0.5			10.6			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		0.4		0.0			0.2			1.1	0.0		
Project Benefit	1.7													
SMART SCALE Cost	$3,198,053													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**5.2**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

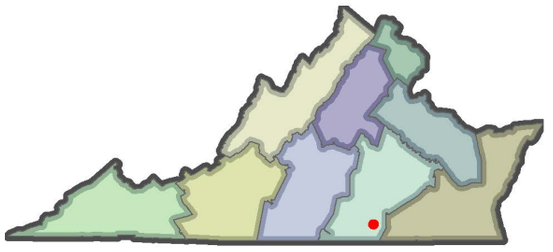
PROJECT SCORECARD

Segment Improvements on US 58 between Brunswick Sq & Rt 46 — Project Id: 7156

Construct improvements to reconfigure the US 58 and Brunswick Square Shopping Center intersection to a Continuous Green-T, close the southbound approach of Cattail Drive, restrict northbound approach of Twin Ponds Road, and lengthen existing acceleration and deceleration lanes on the west side of US 58 and Route 46 interchange.

2.3 SMART SCALE SCORE			
	#220 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$6,772,593
		Total Project Cost	$6,772,593
	#43 OF 75 DISTRICTWIDE	**Project Benefit**	1.6
		Project Benefit / Total Cost	2.3

Submitting Entity: Brunswick County
Preliminary Engineering: Not Started
Right of Way: Not Needed
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	0.0 persons	0.6 person hrs.	3.5 EPDO	599.9 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	799,285.9 adj sq. ft.	0.0 daily tons	116,278.7 adj. buffer time index	470.0 adjusted points	6.2 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.1	0.6	1.7	0.0	0.0	0.0	1.3	0.0	0.0	10.6	0.5		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.0		0.9		0.0			0.8			10.6			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		0.3		0.0			0.3			1.1	0.0		
Project Benefit	1.6													
SMART SCALE Cost	$6,772,593													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**2.3**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

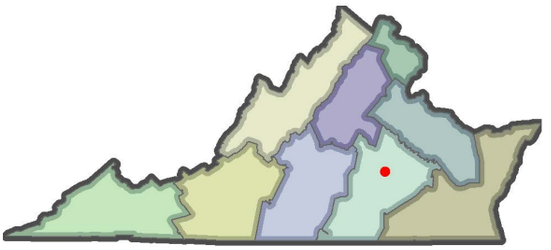
Route 360 at Brad McNeer Parkway - Continuous Green-T

Project Id: 6930

Construct a Continuous Green-T at the intersection of Route 360 and Brad McNeer Parkway. Construct sidewalk on the south side of Route 360 from Brad McNeer to Commonwealth Centre Parkway. Construct sidewalk on both sides of Brad McNeer Parkway from Route 360 to the first shopping center entrance. Close the median opening and remove the RT 360 WB left-turn to Craig Rath Blvd.

4.9 SMART SCALE SCORE			
	#125 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$11,763,261
		Total Project Cost	$12,563,261
	#20 OF 75 DISTRICTWIDE	**Project Benefit**	5.7
		Project Benefit / Total Cost	4.6

Submitting Entity: Chesterfield County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: No
VTRANS Need: Regional Network



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	122.4 persons	25.5 person hrs.	85.2 EPDO	805.8 EPDO / 100M VMT	10.3 jobs per resident	8.6 jobs per resident	449.5 adjusted users	12,140.4 adj sq. ft.	59,855.6 daily tons	60,276,826.4 adj. buffer time index	269.7 adjusted points	21.6 impacted acres	7.7 access * pop/emp density.h	7.2 access * pop/emp density change.
Normalized Measure Value (0-100)	6.6	4.2	13.7	2.3	0.6	0.4	18.5	0.0	4.7	0.6	6.1	1.7	11.6	10.9
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	5.4		10.2		4.1			1.1			6.1		11.2	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%	5 (max point reduction)	10%	
Weighted Factor Value	0.8		2.0		1.0			0.2			0.6	-0.1	1.1	
Project Benefit	5.7													
SMART SCALE Cost	$11,763,261													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**4.9**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

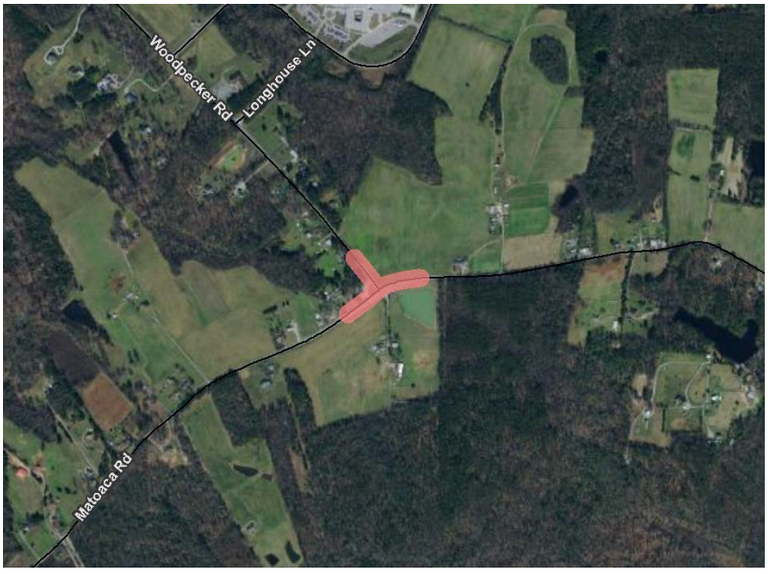
Matoaca Road at Woodpecker Road - Roundabout

Project Id: 6931

Construct a roundabout at the intersection of Matoaca Road and Woodpecker Road.

4.8 SMART SCALE SCORE	#128 OF 397 STATEWIDE	SMART SCALE Requested Funds	$7,097,310
		Total Project Cost	$7,097,310
	#22 OF 75 DISTRICTWIDE	Project Benefit	3.4
		Project Benefit / Total Cost	4.8

Submitting Entity: Chesterfield County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: DGP
Evacuation Route: No
VTRANS Need: Safety (non-CoSS)



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	0.0 persons	16.0 person hrs.	38.4 EPDO	10,019.7 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	0.0 adj sq. ft.	0.0 daily tons	0.0 adj. buffer time index	0.0 adjusted points	2.0 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	2.6	6.2	28.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	1.3		12.7		0.0			0.0			0.0			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.2		3.2		0.0			0.0			0.0	0.0		
Project Benefit	3.4													
SMART SCALE Cost	$7,097,310													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**4.8**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

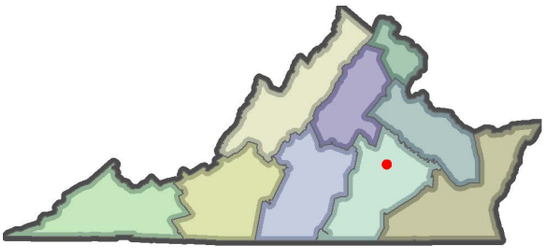
Alverser at Old Buckingham Roundabout

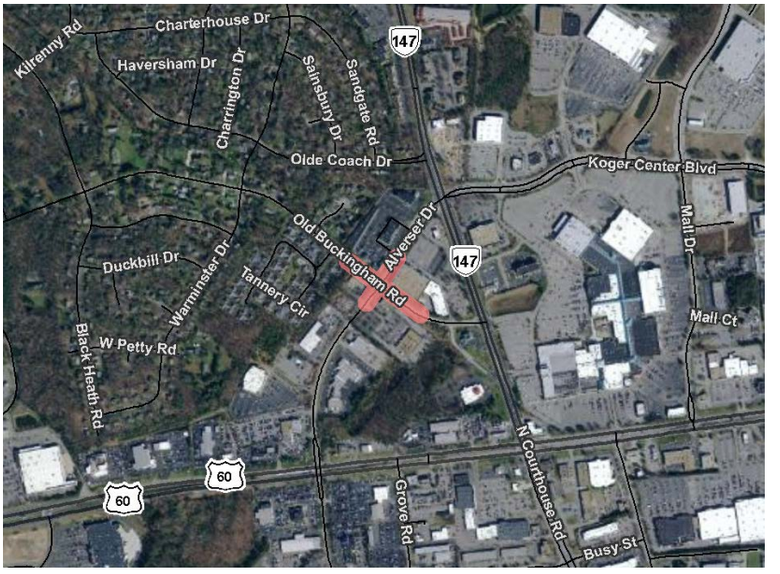
Project Id: 6991

Construct roundabout at the intersection of Alverser Drive and Old Buckingham Road with a channelized SB right turn lane and pedestrian refuge islands on all legs. Restripe Alverser Dr just south of the roundabout to remove a SB through lane and include a SB left turn lane and NB right turn lane into the commercial entrance. Construct sidewalk on the northwest quadrant of the roundabout.

7.8 SMART SCALE SCORE	**#82** OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$7,850,932
		Total Project Cost	$8,015,932
	#8 OF 75 DISTRICTWIDE	**Project Benefit**	6.1
		Project Benefit / Total Cost	7.7

Submitting Entity: Chesterfield County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: No
VTRANS Need: Regional Network





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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	30.7 persons	11.5 person hrs.	26.4 EPDO	4,525.3 EPDO / 100M VMT	6.1 jobs per resident	5.7 jobs per resident	46.1 adjusted users	74,103.3 adj sq. ft.	18,110.9 daily tons	0.0 adj. buffer time index	1,008.5 adjusted points	0.2 impacted acres	11.4 access * pop/emp density.h	15.3 access * pop/emp density change.
Normalized Measure Value (0-100)	1.7	1.9	4.2	12.7	0.4	0.3	1.9	0.1	1.4	0.0	22.7	0.0	17.3	23.2
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	1.8		6.8		0.6			0.4			22.7		20.2	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%	5 (max point reduction)	10%	
Weighted Factor Value	0.3		1.4		0.2			0.1			2.3	0.0	2.0	
Project Benefit	6.1													
SMART SCALE Cost	$7,850,932													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**7.8**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

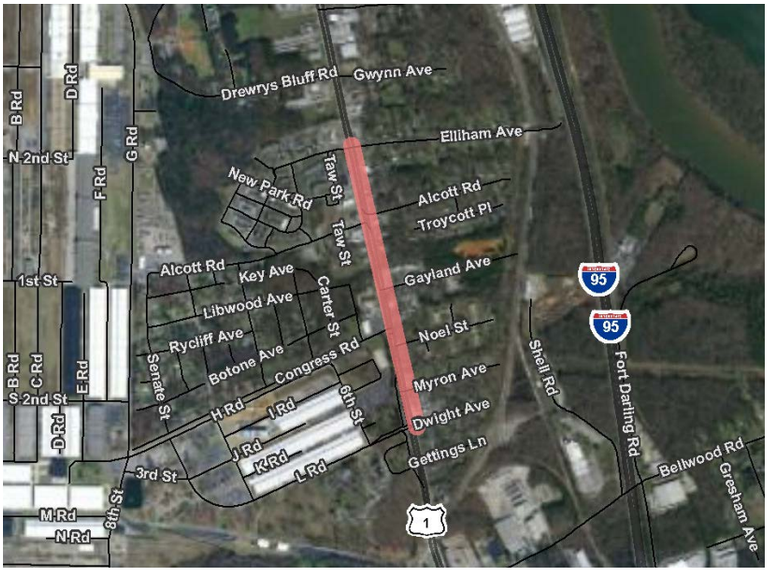
PROJECT SCORECARD

A-to-P Trail: Rt. 1 (Elliham Avenue - Dwight Avenue) Project Id: 6992

Construct bike and pedestrian facility along Route 1 between Elliham Avenue and Dwight Avenue

1.5 SMART SCALE SCORE	#267 OF 397 STATEWIDE	SMART SCALE Requested Funds	$8,148,275
		Total Project Cost	$8,148,275
	#56 OF 75 DISTRICTWIDE	Project Benefit	1.2
		Project Benefit / Total Cost	1.5

Submitting Entity: Chesterfield County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: No
VTRANS Need: Regional Network



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	29.3 persons	0.0 person hrs.	0.0 EPDO	0.1 EPDO / 100M VMT	9.0 jobs per resident	11.4 jobs per resident	87.8 adjusted users	3,743.7 adj sq. ft.	0.0 daily tons	43,483,115.2 adj. buffer time index	117.1 adjusted points	25.0 impacted acres	5.0 access * pop/emp density.h	3.2 access * pop/emp density change.
Normalized Measure Value (0-100)	1.6	0.0	0.0	0.0	0.5	0.6	3.6	0.0	0.0	0.4	2.6	1.9	7.6	4.9
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	0.8		0.0		1.1			0.1			2.6		6.3	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%	5 (max point reduction)	10%	
Weighted Factor Value	0.1		0.0		0.3			0.0			0.3	-0.1	0.6	
Project Benefit	1.2													
SMART SCALE Cost	$8,148,275													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.5**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

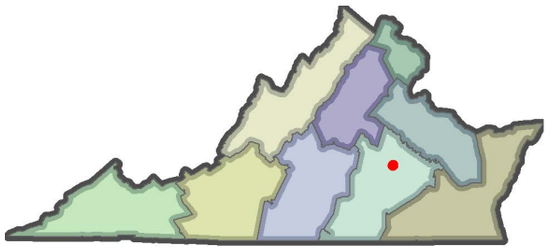
Rt. 60 (Providence-Wadsworth/Gateway) Bike/Ped Improvements

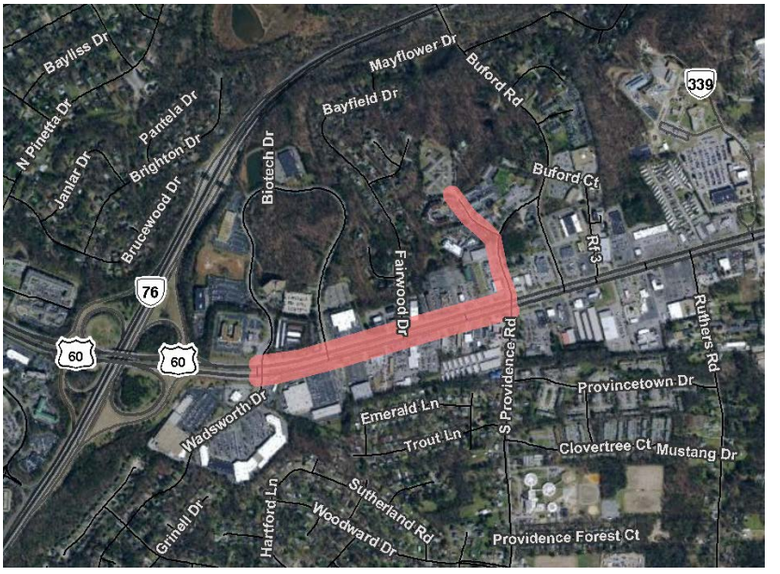
Project Id: 6993

Construct multi-use trail on both sides of Rt 60 between Providence Rd and Wadsworth Dr/Gateway Ctr Pkwy and along N Providence Rd from Rt 60 to Twinridge Ln. Construct sidewalk along Twinridge Ln from N Providence Rd to 0.12 mile west. Install pedestrian signals at Wadsworth/Gateway W and Gateway E. Install crosswalk and RRFB on N Providence at Walgreen's.

1.7 SMART SCALE SCORE	#252 OF 397 STATEWIDE	SMART SCALE Requested Funds	$13,312,561
		Total Project Cost	$13,312,561
	#50 OF 75 DISTRICTWIDE	Project Benefit	2.3
		Project Benefit / Total Cost	1.7

Submitting Entity: Chesterfield County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: No
VTRANS Need: Regional Network





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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	60.3 persons	0.0 person hrs.	3.1 EPDO	40.1 EPDO / 100M VMT	10.1 jobs per resident	10.8 jobs per resident	301.4 adjusted users	22,372.6 adj sq. ft.	0.0 daily tons	20,405,601.3 adj. buffer time index	0.0 adjusted points	0.8 impacted acres	8.2 access * pop/emp density.h	8.1 access * pop/emp density change.
Normalized Measure Value (0-100)	3.2	0.0	0.5	0.1	0.6	0.5	12.4	0.0	0.0	0.2	0.0	0.1	12.4	12.2
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	1.6		0.4		2.9			0.1			0.0		12.3	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%	5 (max point reduction)	10%	
Weighted Factor Value	0.2		0.1		0.7			0.0			0.0	0.0	1.2	
Project Benefit	2.3													
SMART SCALE Cost	$13,312,561													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.7**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

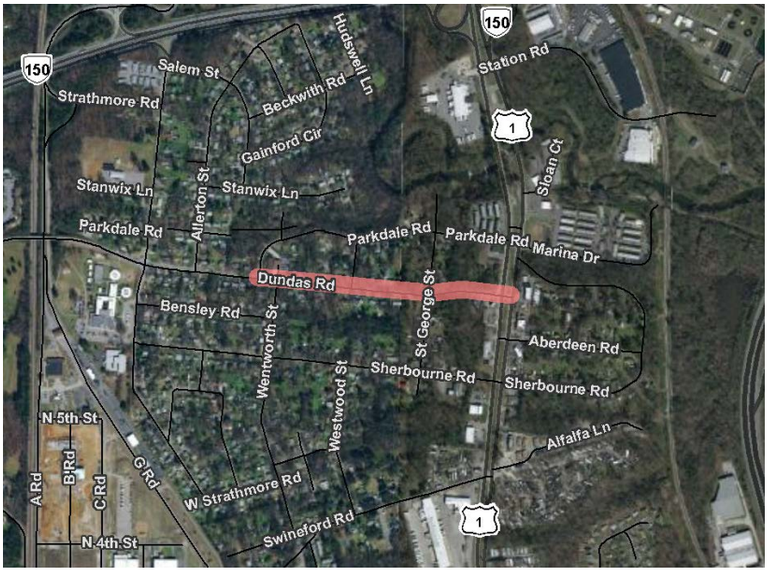
Dundas Road (Rt. 1 - Wentworth St) Bike & Ped Improvement

Project Id: 6994

Construct bike and pedestrian accommodations along Dundas Road from Route 1 to Wentworth Street (west)

2.2 SMART SCALE SCORE			
	#225 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$3,900,755
		Total Project Cost	$3,900,755
	#44 OF 75 DISTRICTWIDE	**Project Benefit**	0.9
		Project Benefit / Total Cost	2.2

Submitting Entity: Chesterfield County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: No
VTRANS Need: Regional Network



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	8.2 persons	0.0 person hrs.	1.2 EPDO	914.8 EPDO / 100M VMT	1.1 jobs per resident	1.4 jobs per resident	41.0 adjusted users	3,254.9 adj sq. ft.	0.0 daily tons	0.0 adj. buffer time index	0.0 adjusted points	20.2 impacted acres	4.6 access * pop/emp density.h	3.8 access * pop/emp density change.
Normalized Measure Value (0-100)	0.4	0.0	0.2	2.6	0.1	0.1	1.7	0.0	0.0	0.0	0.0	1.6	7.0	5.8
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	0.2		0.9		0.4			0.0			0.0		6.4	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%	5 (max point reduction)	10%	
Weighted Factor Value	0.0		0.2		0.1			0.0			0.0	-0.1	0.6	
Project Benefit	0.9													
SMART SCALE Cost	$3,900,755													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**2.2**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

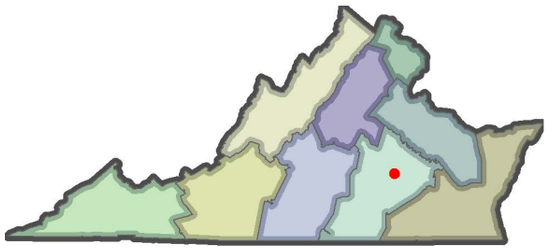
Courthouse Road (RT 10 - Pocahontas State Park) Trail

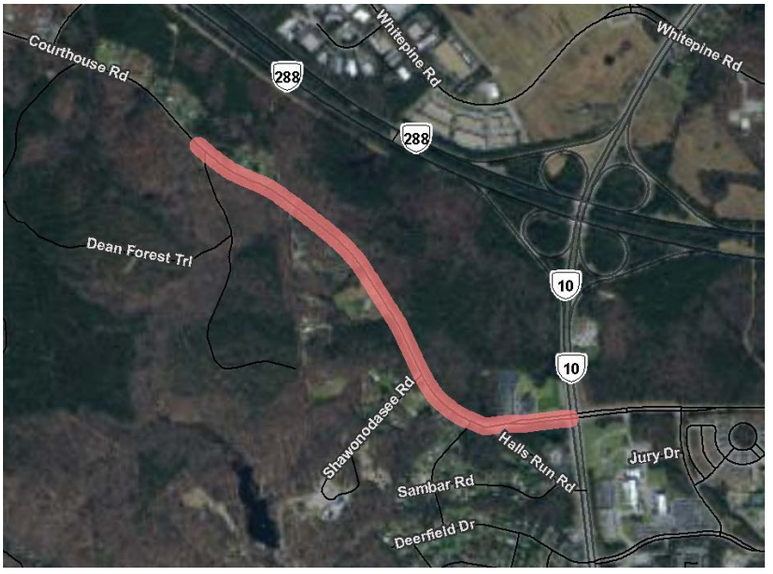
Project Id: 7016

Construct a trail along Courthouse Road from Route 10 to Pocahontas State Park (parking lot at Dean Forest Trail access).

2.6 SMART SCALE SCORE			
	#206 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$5,311,845
		Total Project Cost	$5,311,845
	#40 OF 75 DISTRICTWIDE	**Project Benefit**	1.4
		Project Benefit / Total Cost	2.6

Submitting Entity: Chesterfield County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: No
VTRANS Need: Regional Network





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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	7.7 persons	0.0 person hrs.	5.9 EPDO	481.2 EPDO / 100M VMT	1.1 jobs per resident	0.9 jobs per resident	23.1 adjusted users	0.0 adj sq. ft.	0.0 daily tons	0.0 adj. buffer time index	0.0 adjusted points	24.3 impacted acres	9.5 access * pop/emp density.h	5.6 access * pop/emp density change.
Normalized Measure Value (0-100)	0.4	0.0	0.9	1.3	0.1	0.0	1.0	0.0	0.0	0.0	0.0	1.9	14.4	8.5
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	0.2		1.1		0.2			0.0			0.0		11.5	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%	5 (max point reduction)	10%	
Weighted Factor Value	0.0		0.2		0.1			0.0			0.0	-0.1	1.1	
Project Benefit	1.4													
SMART SCALE Cost	$5,311,845													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**2.6**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

RT 60/Stonebridge Plaza/Boulders - Intersection Improvements

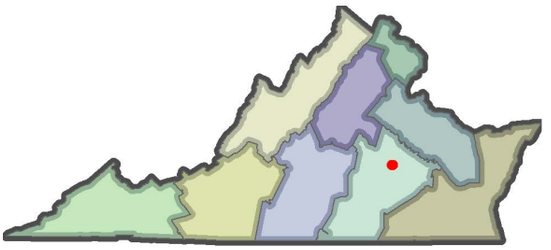
Project Id: 7129

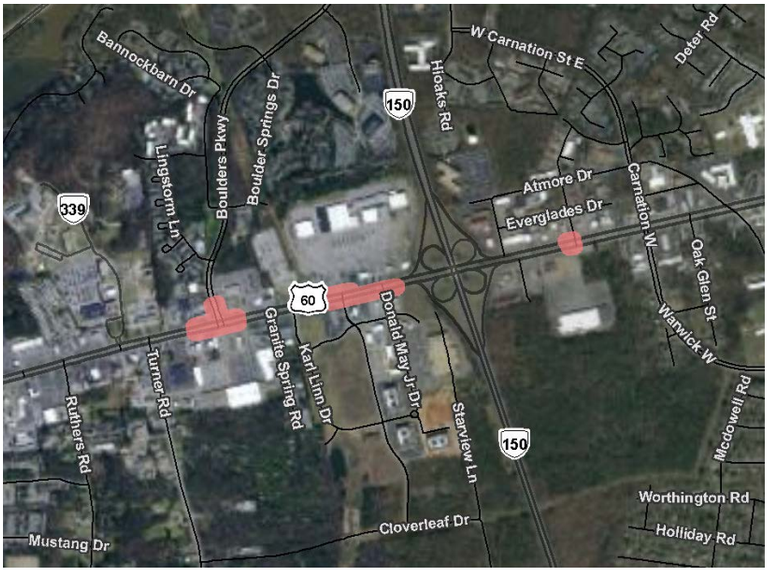
Modify RT 60 intersections at Stonebridge Plaza to create Split Intersection. Restrict WB & NB LTs at DMJD relocate them to Stonebridge Plaza Ave. Construct right-turn lane on EB RT 60 at DMJD. Construct sidewalk on RT 60 btwn Karl Linn and DMJD; construct trail in RT 60 median btwn DMJD and Arcadia, include barrier to restrict users crossing RT 60 w/in interchange. Modify intersection at RT 60/Boulders to Thru-Cut. Restrict SB & NB thrus from Boulders/Chippenham Square Entrance.

7.7 SMART SCALE SCORE		
	#84	OF 397 STATEWIDE
	#9	OF 75 DISTRICTWIDE

SMART SCALE Requested Funds	$13,049,681
Total Project Cost	$13,049,681
Project Benefit	10.0
Project Benefit / Total Cost	7.7

Submitting Entity: Chesterfield County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance





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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	167.5 persons	83.3 person hrs.	104.3 EPDO	996.7 EPDO / 100M VMT	50.0 jobs per resident	61.2 jobs per resident	837.6 adjusted users	215,007.5 adj sq. ft.	10,775.3 daily tons	127,505,398.2 adj. buffer time index	837.6 adjusted points	1.4 impacted acres	9.9 access * pop/emp density.h	9.9 access * pop/emp density change.
Normalized Measure Value (0-100)	9.0	13.6	16.7	2.8	2.9	3.1	34.4	0.3	0.8	1.2	18.8	0.1	15.0	14.9
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	11.3		12.5		9.2			0.6			18.8		15.0	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%	5 (max point reduction)	10%	
Weighted Factor Value	1.7		2.5		2.3			0.1			1.9	0.0	1.5	
Project Benefit	10.0													
SMART SCALE Cost	$13,049,681													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**7.7**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

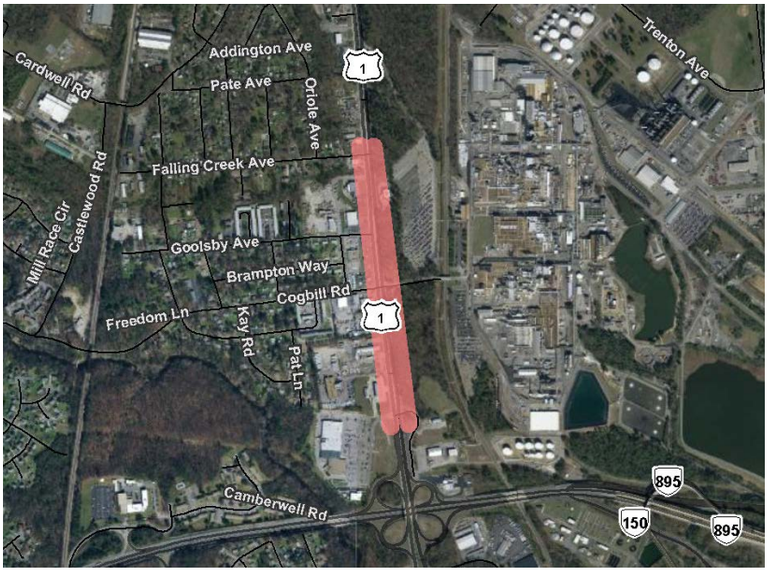
PROJECT SCORECARD

A-to-P Trail: Rt. 1 (Falling Creek Ave. - Food Lion) Project Id: 7159

Construct multiuse trail along east side and sidewalk along west side of Route 1 between Falling Creek Avenue and the Food Lion, north of Chippenham Parkway; provide transit stop enhancements within the project limits. The project includes the installation of crosswalks and pedestrian-actuated signals at the Route 1/Cogbill Road intersection and ornamental, pedestrian-scale street lights to enhance safety and security for those using the trail/sidewalk after dark.

1.2 SMART SCALE SCORE			
	#283 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$12,547,061
		Total Project Cost	$12,547,061
	#60 OF 75 DISTRICTWIDE	**Project Benefit**	1.6
		Project Benefit / Total Cost	1.2

Submitting Entity: Chesterfield County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: No
VTRANS Need: Regional Network



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	26.3 persons	0.0 person hrs.	0.3 EPDO	1.2 EPDO / 100M VMT	11.2 jobs per resident	15.7 jobs per resident	131.5 adjusted users	2,789.9 adj sq. ft.	0.0 daily tons	0.0 adj. buffer time index	131.5 adjusted points	15.8 impacted acres	5.4 access * pop/emp density.h	5.2 access * pop/emp density change.
Normalized Measure Value (0-100)	1.4	0.0	0.0	0.0	0.6	0.8	5.4	0.0	0.0	0.0	3.0	1.2	8.1	7.9
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	0.7		0.0		1.6			0.0			3.0		8.0	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%	5 (max point reduction)	10%	
Weighted Factor Value	0.1		0.0		0.4			0.0			0.3	-0.1	0.8	
Project Benefit	1.6													
SMART SCALE Cost	$12,547,061													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.2**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

Route 58/15/49 Roundabout — Project Id: 7163

Reconstruct the existing intersection of US 58/US 15/Rt 49 as a single-lane roundabout. Additionally, the project would also see the reconstruction of the northbound, southbound, and westbound intersecting roadways to lower the super-elevation through the intersection. Includes tubular markers on the eastern portion of 58 WB leg of Roundabout.

1.2 SMART SCALE SCORE			
	#285 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$10,233,295
		Total Project Cost	$10,233,295
	#61 OF 75 DISTRICTWIDE	**Project Benefit**	1.2
		Project Benefit / Total Cost	1.2

Submitting Entity: Clarksville Town
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance

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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	0.0 persons	1.1 person hrs.	7.2 EPDO	4,289.8 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	86,392.8 adj sq. ft.	0.0 daily tons	120,423.3 adj. buffer time index	0.0 adjusted points	40.7 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.2	1.2	12.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	3.1		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.1		4.4		0.0			0.1			0.0			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		1.3		0.0			0.0			0.0	-0.2		
Project Benefit	1.2													
SMART SCALE Cost	$10,233,295													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.2**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

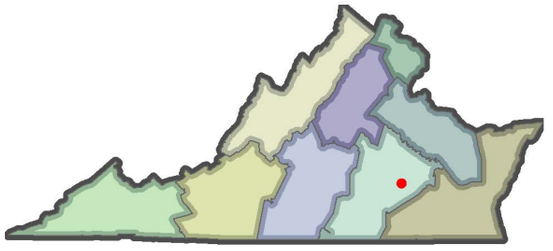
Boulevard Modernization, Phase II

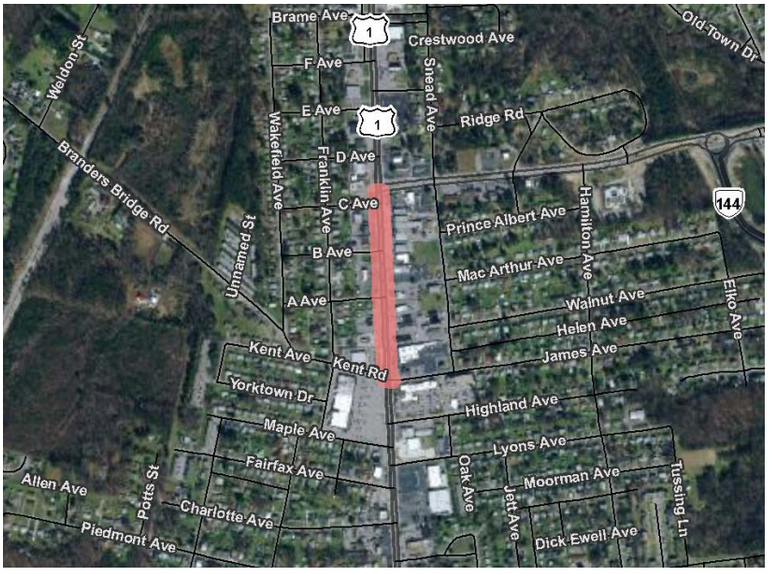
Project Id: 7024

Installation of contiguous sidewalks on US 301 from Temple Ave. south to James Ave.

0.5 SMART SCALE SCORE	#339 OF 397 STATEWIDE	SMART SCALE Requested Funds	$14,605,677
		Total Project Cost	$14,605,677
	#68 OF 75 DISTRICTWIDE	Project Benefit	0.7
		Project Benefit / Total Cost	0.5

Submitting Entity: Colonial Heights City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: Yes
VTRANS Need: Regional Network





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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	29.6 persons	0.9 person hrs.	1.2 EPDO	665.7 EPDO / 100M VMT	2.4 jobs per resident	2.7 jobs per resident	148.0 adjusted users	0.0 adj sq. ft.	1,709.6 daily tons	0.0 adj. buffer time index	59.2 adjusted points	11.0 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	1.6	0.2	0.2	1.9	0.1	0.1	6.1	0.0	0.1	0.0	1.3	0.8		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.9		0.7		1.3			0.0			1.3			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.1		0.2		0.3			0.0			0.1	0.0		
Project Benefit	0.7													
SMART SCALE Cost	$14,605,677													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.5**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

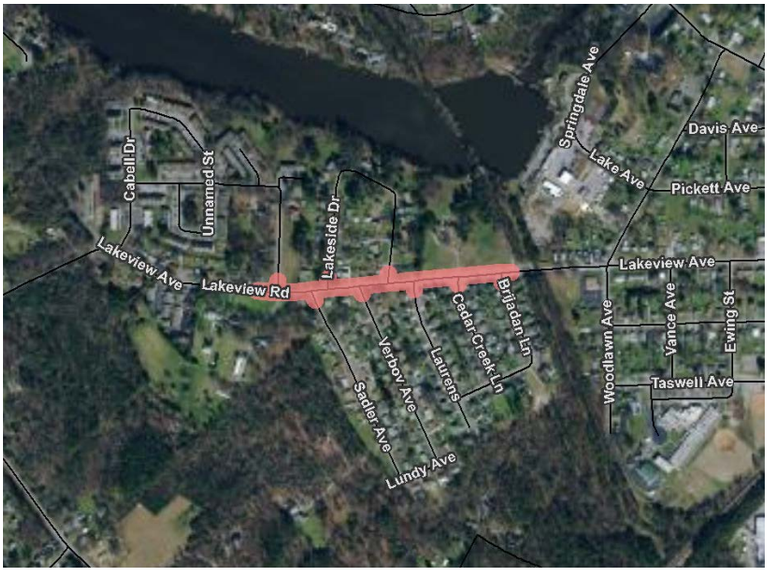
Lakeview Avenue Modernization, Phase II

Project Id: 7025

Continue phased improvements to modernize and widen Lakeview Avenue from Brijadan Lane to Lakeview Park Road by upgrading the storm drainage system and adding center turn lane, sidewalks, bike lanes and landscaping.

0.2 SMART SCALE SCORE	#365 OF 397 STATEWIDE	SMART SCALE Requested Funds	$11,239,747
		Total Project Cost	$11,239,747
	#71 OF 75 DISTRICTWIDE	Project Benefit	0.3
		Project Benefit / Total Cost	0.2

Submitting Entity: Colonial Heights City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: No
VTRANS Need: Regional Network



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	11.4 persons	0.0 person hrs.	7.7 EPDO	0.0 EPDO / 100M VMT	0.3 jobs per resident	0.3 jobs per resident	34.3 adjusted users	0.0 adj sq. ft.	0.0 daily tons	0.0 adj. buffer time index	0.0 adjusted points	19.6 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.6	0.0	1.2	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	1.5		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.3		0.9		0.3			0.0			0.0			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		0.2		0.1			0.0			0.0	-0.1		
Project Benefit	0.3													
SMART SCALE Cost	$11,239,747													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.2**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

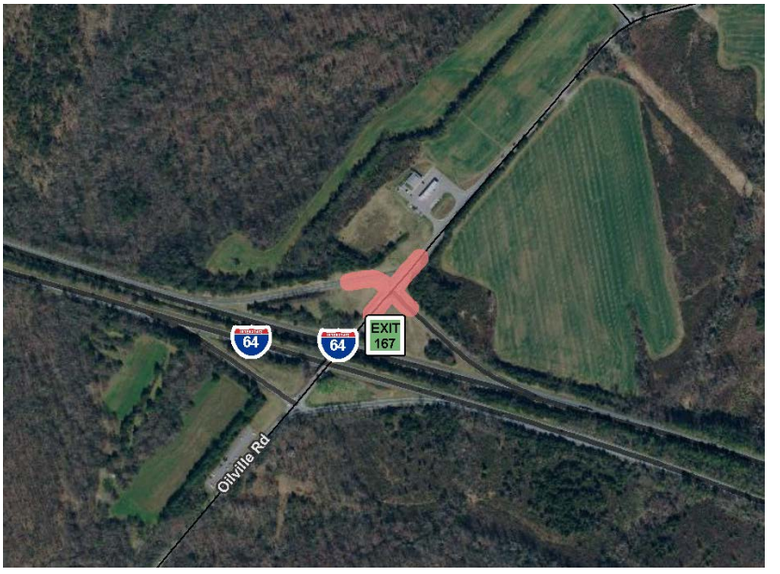
I-64 at Oilville Road (Rte. 616) Interchange

Project Id: 6968

Construct a one-lane roundabout at the westbound I-64 ramp at the Oilville Rd. interchange.

0.9 SMART SCALE SCORE			
	#311 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$6,030,122
		Total Project Cost	$6,030,122
	#64 OF 75 DISTRICTWIDE	**Project Benefit**	0.5
		Project Benefit / Total Cost	0.9

Submitting Entity: Goochland County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: DGP
Evacuation Route: No
VTRANS Need: Urban Development Area



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	0.0 persons	16.5 person hrs.	4.8 EPDO	831.9 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	317,963.2 adj sq. ft.	0.0 daily tons	657,767.7 adj. buffer time index	0.0 adjusted points	0.3 impacted acres	0.2 access * pop/emp density.h	0.2 access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	2.7	0.8	2.3	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.3	0.3
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	1.3		1.2		0.0			0.3			0.0		0.3	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%	5 (max point reduction)	10%	
Weighted Factor Value	0.2		0.2		0.0			0.1			0.0	0.0	0.0	
Project Benefit	0.5													
SMART SCALE Cost	$6,030,122													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.9**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

Rte 288 - New SB Auxiliary Lane South of U.S. 250 Project Id: 6973

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).

2.9 SMART SCALE SCORE			
	#188 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$24,218,313
		Total Project Cost	$24,218,313
	#37 OF 75 DISTRICTWIDE	**Project Benefit**	7.0
		Project Benefit / Total Cost	2.9

Submitting Entity: Goochland County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: No
VTRANS Need: Regional Network

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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	874.8 persons	58.5 person hrs.	1.2 EPDO	8.9 EPDO / 100M VMT	106.0 jobs per resident	78.3 jobs per resident	0.0 adjusted users	1,076,531.7 adj sq. ft.	10,631.7 daily tons	673,187.1 adj. buffer time index	0.0 adjusted points	8.1 impacted acres	11.8 access * pop/emp density.h	6.2 access * pop/emp density change.
Normalized Measure Value (0-100)	47.0	9.6	0.2	0.0	6.1	4.0	0.0	1.7	0.8	0.0	0.0	0.6	17.9	9.4
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	28.3		0.1		4.5			1.2			0.0		13.7	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%	5 (max point reduction)	10%	
Weighted Factor Value	4.2		0.0		1.1			0.2			0.0	0.0	1.4	
Project Benefit	7.0													
SMART SCALE Cost	$24,218,313													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**2.9**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

I-64 at Ashland Rd. (Rte. 623) Interchange — Project Id: 6975

The proposed project would reconstruct the existing diamond interchange to a single-lane Diverging Diamond Interchange (DDI). This configuration does not impact the existing bridge over I-64 and will also not preclude a future project to widen the bridge and Ashland Road to four lanes. As part of the proposed project, the entrance to the park-and-ride lot would be relocated to Bennington Road.

0.8 SMART SCALE SCORE			
	#319 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$23,861,127
		Total Project Cost	$23,861,127
	#65 OF 75 DISTRICTWIDE	**Project Benefit**	1.9
		Project Benefit / Total Cost	0.8

Submitting Entity: Goochland County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: No
VTRANS Need: Corridor of Statewide Significance

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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	0.0 persons	9.0 person hrs.	29.3 EPDO	2,839.6 EPDO / 100M VMT	11.1 jobs per resident	9.0 jobs per resident	0.0 adjusted users	637,223.2 adj sq. ft.	10,830.9 daily tons	1,707,679.5 adj. buffer time index	0.0 adjusted points	0.6 impacted acres	2.0 access * pop/emp density.h	2.7 access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	1.5	4.7	8.0	0.6	0.5	0.0	1.0	0.9	0.0	0.0	0.0	3.1	4.1
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	0.7		5.7		0.5			0.8			0.0		3.6	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%	5 (max point reduction)	10%	
Weighted Factor Value	0.1		1.1		0.1			0.2			0.0	0.0	0.4	
Project Benefit	1.9													
SMART SCALE Cost	$23,861,127													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.8**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

Fairground Road Extension

Project Id: 7142

Extension of Rte. 632 (Fairground Road) from 400 ft. west of its existing terminus at Rte. 522 (Sandy Hook Rd) to a new intersection at Rte. 6 (River Road West). An eastbound left-turn lane will be added along River Road West. This application is of a project that is currently underway as UPC 113323.

1.7 SMART SCALE SCORE			
	#254 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$3,098,564
		Total Project Cost	$6,896,564
	#52 OF 75 DISTRICTWIDE	**Project Benefit**	0.5
		Project Benefit / Total Cost	0.8

Submitting Entity: Goochland County
Preliminary Engineering: Underway
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: DGP
Evacuation Route: No
VTRANS Need: Urban Development Area

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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	60.9 persons	13.5 person hrs.	0.0 EPDO	0.0 EPDO / 100M VMT	16.7 jobs per resident	13.9 jobs per resident	12.0 adjusted users	257,869.5 adj sq. ft.	721.3 daily tons	1,889,345.1 adj. buffer time index	16.0 adjusted points	0.5 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	3.3	2.2	0.0	0.0	1.0	0.7	0.5	0.4	0.1	0.0	0.4	0.0		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	2.7		0.0		0.8			0.3			0.4			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.3		0.0		0.1			0.1			0.0	0.0		
Project Benefit	0.5													
SMART SCALE Cost	$3,098,564													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.7**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

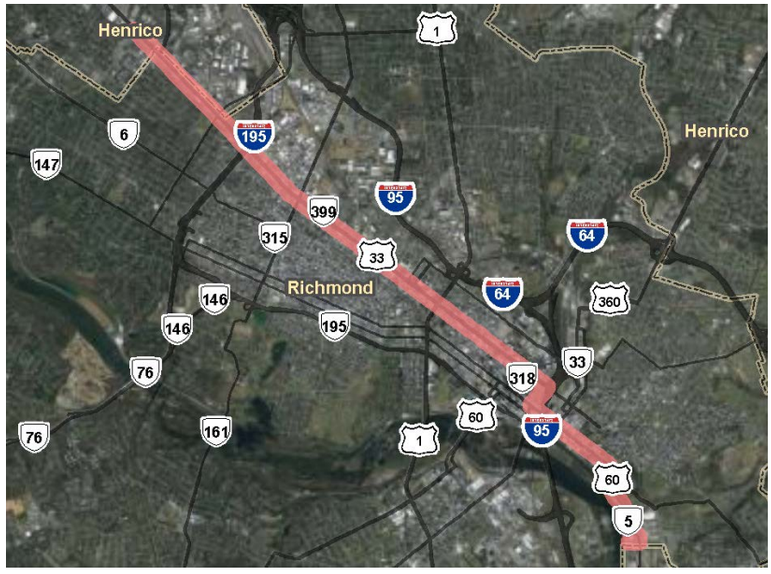
Articulated Vehicles for Bus Rapid Transit Expansion

Project Id: 6823

Addition of three 60-foot articulated vehicles is a solution to the frequency, capacity, runtime, and reliability issues on the Pulse BRT. Currently nine 40-foot vehicles operate at peak with a 10-minute frequency and have a max load capacity of 50. Ridership numbers surpassed the 3,500 goal with a weekday average of over 7,500. 60-foot articulated vehicles would alleviate issues with a max load capacity of 90 and three doors compared to two doors for boarding and alighting.

31.1 SMART SCALE SCORE	#9 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$3,355,697
		Total Project Cost	$3,355,697
	#2 OF 75 DISTRICTWIDE	**Project Benefit**	10.4
		Project Benefit / Total Cost	31.1

Submitting Entity: Greater Richmond Transit Company (GRTC)
Preliminary Engineering: Not Needed
Right of Way: Not Needed
Construction: Not Needed
Eligible Fund Program: HPP
Evacuation Route: No
VTRANS Need: Regional Network



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	69.3 persons	17.3 person hrs.	8.2 EPDO	2.2 EPDO / 100M VMT	29.8 jobs per resident	31.1 jobs per resident	346.6 adjusted users	0.0 adj sq. ft.	0.0 daily tons	0.0 adj. buffer time index	104.0 adjusted points	0.0 impacted acres	56.0 access * pop/emp density.h	54.7 access * pop/emp density change.
Normalized Measure Value (0-100)	3.7	2.8	1.3	0.0	1.7	1.6	14.2	0.0	0.0	0.0	2.3	0.0	84.7	83.0
Measure Weight (% of Factor)	50%	50%	100%	0%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	3.3		1.3		4.2			0.0			2.3		83.9	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%	5 (max point reduction)	10%	
Weighted Factor Value	0.5		0.3		1.1			0.0			0.2	0.0	8.4	
Project Benefit	10.4													
SMART SCALE Cost	$3,355,697													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**31.1**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

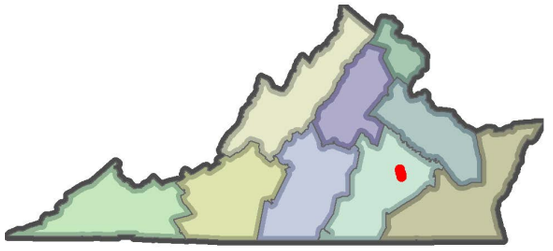
Route 1 Transit Accessibility Improvements

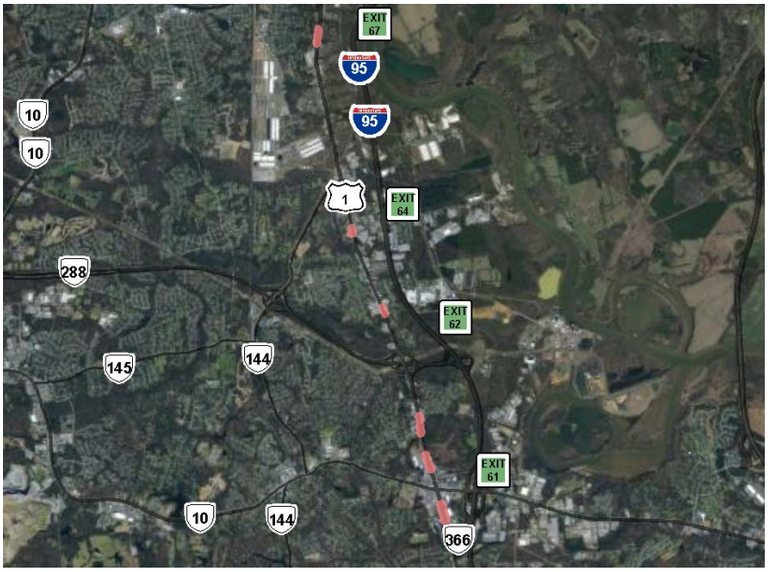
Project Id: 6995

Provide bike and/or pedestrian accommodations (sidewalk, trail, pedestrian signals) between bus stops and origins/destinations along Route 1. Sidewalk: Sherborne Road, Perrymont (Willis) Road, Osborne Rd (SB), Breckenridge, Bermuda Square Shopping Centers, John Tyler Community College; Multiuse Trail: Wonderview Drive, Osborne Road (NB), Redwater Creek Road; Pedestrian Signals: Osborne Rd., Redwater Creek Rd., Bermuda Sq./Breckenridge Shopping Ctr., Weir Rd.

1.6 SMART SCALE SCORE			
	#260 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$12,677,601
		Total Project Cost	$12,686,951
	#53 OF 75 DISTRICTWIDE	**Project Benefit**	2.1
		Project Benefit / Total Cost	1.6

Submitting Entity: Greater Richmond Transit Company (GRTC)
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: HPP
Evacuation Route: No
VTRANS Need: Regional Network





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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	42.0 persons	0.0 person hrs.	26.9 EPDO	61.4 EPDO / 100M VMT	3.7 jobs per resident	2.5 jobs per resident	210.0 adjusted users	697,412.3 adj sq. ft.	0.0 daily tons	97,656,263.7 adj. buffer time index	210.0 adjusted points	112.5 impacted acres	4.5 access * pop/emp density.h	3.5 access * pop/emp density change.
Normalized Measure Value (0-100)	2.3	0.0	4.3	0.2	0.2	0.1	8.6	1.1	0.0	0.9	4.7	8.7	6.8	5.3
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	1.1		3.1		1.9			0.9			4.7		6.1	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%	5 (max point reduction)	10%	
Weighted Factor Value	0.2		0.6		0.5			0.2			0.5	-0.4	0.6	
Project Benefit	2.1													
SMART SCALE Cost	$12,677,601													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.6**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

Williamsburg Road Pedestrian and Transit Improvements

Project Id: 7042

Project will provide continuous pedestrian sidewalks and/or multi-use path along Rt 60 from Charles City Rd to Laburnum Ave, as well as pedestrian crossing facilities and street lighting at signalized intersection. Project will improve 9 existing bus stops along the corridor. The project includes improved capacity at Charles City Rd through turn lane improvements. Project includes extended turn bays at Laburnum Ave and an RCUT/directional median at Finlay St.

6.3 SMART SCALE SCORE			
	#101 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$15,440,473
		Total Project Cost	$15,440,473
	#11 OF 75 DISTRICTWIDE	**Project Benefit**	9.8
		Project Benefit / Total Cost	6.3

Submitting Entity: Greater Richmond Transit Company (GRTC)
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: HPP
Evacuation Route: No
VTRANS Need: Corridor of Statewide Significance

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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	57.7 persons	30.9 person hrs.	125.4 EPDO	1,233.2 EPDO / 100M VMT	50.1 jobs per resident	63.8 jobs per resident	288.3 adjusted users	28,533.6 adj sq. ft.	12,522.7 daily tons	85,690,619.6 adj. buffer time index	288.3 adjusted points	51.4 impacted acres	32.9 access * pop/emp density.h	25.8 access * pop/emp density change.
Normalized Measure Value (0-100)	3.1	5.1	20.1	3.5	2.9	3.2	11.8	0.0	1.0	0.8	6.5	4.0	49.8	39.1
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	4.1		15.1		4.8			0.4			6.5		44.4	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%	5 (max point reduction)	10%	
Weighted Factor Value	0.6		3.0		1.2			0.1			0.6	-0.2	4.4	
Project Benefit	9.8													
SMART SCALE Cost	$15,440,473													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**6.3**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

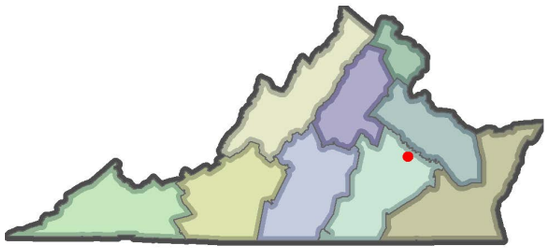
Walnut Grove Rd and Creighton Rd/Creighton Pkwy Roundabout

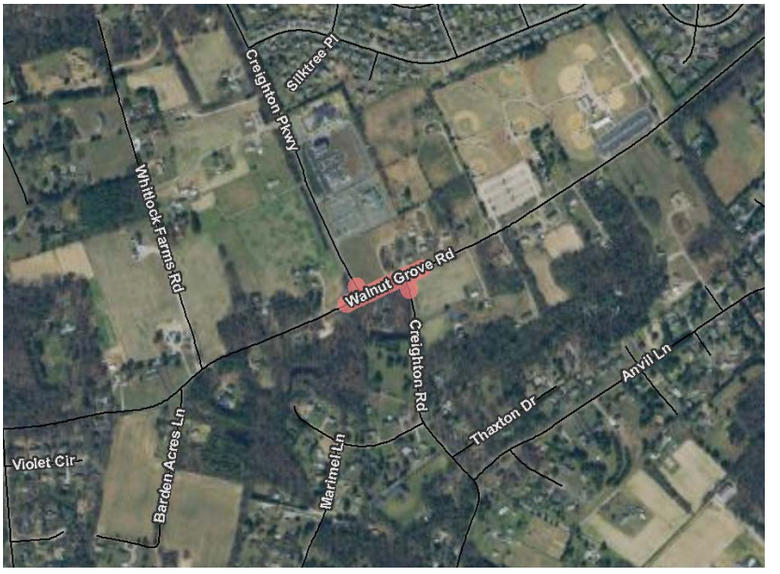
Project Id: 6661

This improvement consists over reconfiguring the area between the intersection of Walnut Grove Rd and Creighton Pkwy and Walnut Grove Rd and Creighton Rd to a "peanut" or "dogbone" roundabout. A truck apron, painted or mountable curb, will be provided to minimize the footprint of the roundabout.

2.7 SMART SCALE SCORE	#199 OF 397 STATEWIDE	SMART SCALE Requested Funds	$6,735,356
		Total Project Cost	$6,735,356
	#38 OF 75 DISTRICTWIDE	Project Benefit	1.8
		Project Benefit / Total Cost	2.7

Submitting Entity: Hanover County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: DGP
Evacuation Route: No
VTRANS Need: Safety (non-CoSS)





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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	25.5 persons	8.1 person hrs.	4.8 EPDO	1,392.4 EPDO / 100M VMT	0.2 jobs per resident	0.1 jobs per resident	76.6 adjusted users	0.0 adj sq. ft.	0.0 daily tons	289,570.0 adj. buffer time index	102.1 adjusted points	16.3 impacted acres	6.7 access * pop/emp density.h	6.0 access * pop/emp density change.
Normalized Measure Value (0-100)	1.4	1.3	0.8	3.9	0.0	0.0	3.1	0.0	0.0	0.0	2.3	1.3	10.1	9.1
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	1.3		1.7		0.6			0.0			2.3		9.6	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%	5 (max point reduction)	10%	
Weighted Factor Value	0.2		0.3		0.2			0.0			0.2	-0.1	1.0	
Project Benefit	1.8													
SMART SCALE Cost	$6,735,356													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**2.7**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

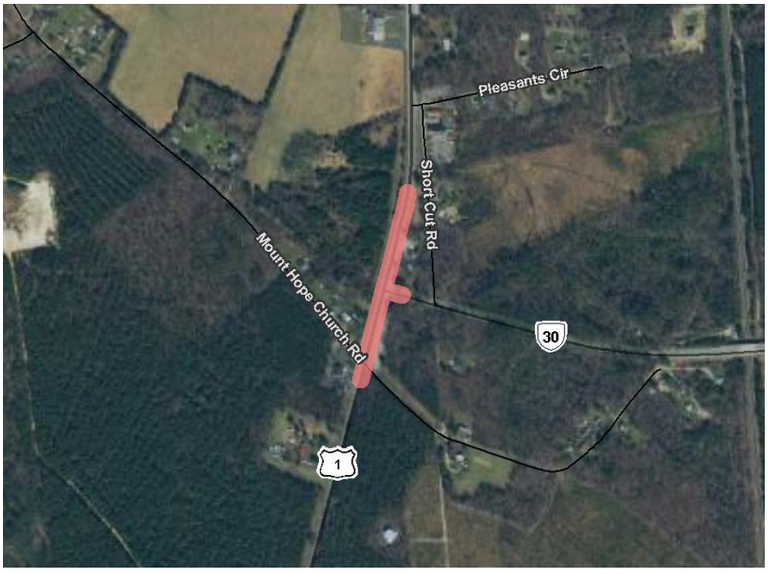
PROJECT SCORECARD

Route 1/Route 30 Green-T — Project Id: 6667

Improve safety and operations at the intersection of Route 1 and Route 30 by adding a new traffic signal, and adding a protected left turn lane from Route 1 onto Route 30; Continuous Green T.

1.7 SMART SCALE SCORE			
	#253 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$6,777,969
		Total Project Cost	$6,777,969
	#51 OF 75 DISTRICTWIDE	**Project Benefit**	1.2
		Project Benefit / Total Cost	1.7

Submitting Entity: Hanover County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	0.0 persons	1.0 person hrs.	2.4 EPDO	795.2 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	0.0 adj sq. ft.	0.0 daily tons	164,070.0 adj. buffer time index	442.0 adjusted points	16.4 impacted acres	0.2 access * pop/emp density.h	0.2 access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.2	0.4	2.2	0.0	0.0	0.0	0.0	0.0	0.0	9.9	1.3	0.3	0.2
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	0.1		0.9		0.0			0.0			9.9		0.3	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%	5 (max point reduction)	10%	
Weighted Factor Value	0.0		0.2		0.0			0.0			1.0	-0.1	0.0	
Project Benefit	1.2													
SMART SCALE Cost	$6,777,969													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.7**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

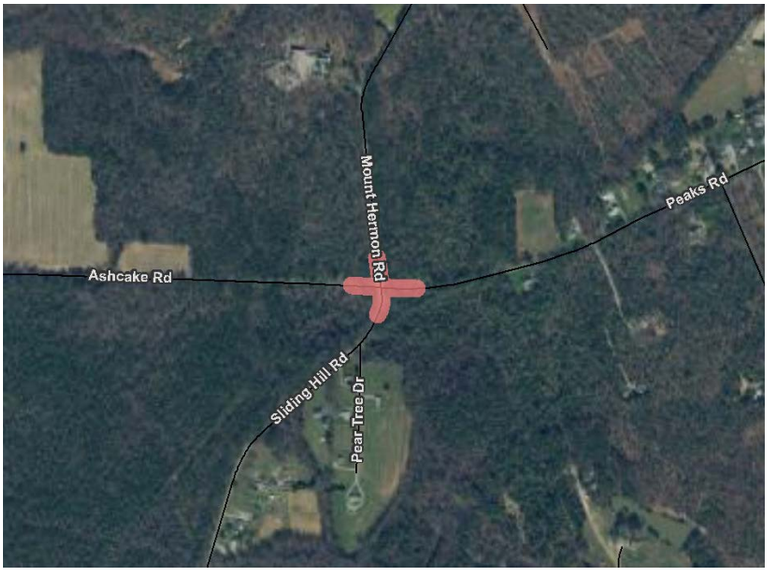
Sliding Hill Road/Peaks Road Roundabout

Project Id: 6668

Single-lane roundabout to improve safety and operations at the 4-way intersection of Sliding Hill Road, Peaks Road, Ashcake Road, and Mt. Hermon Road. A truck apron, painted or mountable curb, will be provided to minimize the footprint of the roundabout and a shared use path will be provided throughout the project limits. A significant amount of angle crashes are at this location.

5.0 SMART SCALE SCORE			
	#123 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$7,501,325
		Total Project Cost	$7,501,325
	#19 OF 75 DISTRICTWIDE	**Project Benefit**	3.8
		Project Benefit / Total Cost	5.0

Submitting Entity: Hanover County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: DGP
Evacuation Route: No
VTRANS Need: Safety (non-CoSS)



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	7.2 persons	1.7 person hrs.	15.0 EPDO	16,656.6 EPDO / 100M VMT	0.1 jobs per resident	0.1 jobs per resident	21.7 adjusted users	1,220,348.5 adj sq. ft.	0.0 daily tons	0.0 adj. buffer time index	28.9 adjusted points	14.9 impacted acres	2.6 access * pop/emp density.h	1.0 access * pop/emp density change.
Normalized Measure Value (0-100)	0.4	0.3	2.4	46.7	0.0	0.0	0.9	2.0	0.0	0.0	0.6	1.1	3.9	1.6
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	0.3		15.7		0.2			1.2			0.6		2.7	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%	5 (max point reduction)	10%	
Weighted Factor Value	0.0		3.1		0.0			0.2			0.1	-0.1	0.3	
Project Benefit	3.8													
SMART SCALE Cost	$7,501,325													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**5.0**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

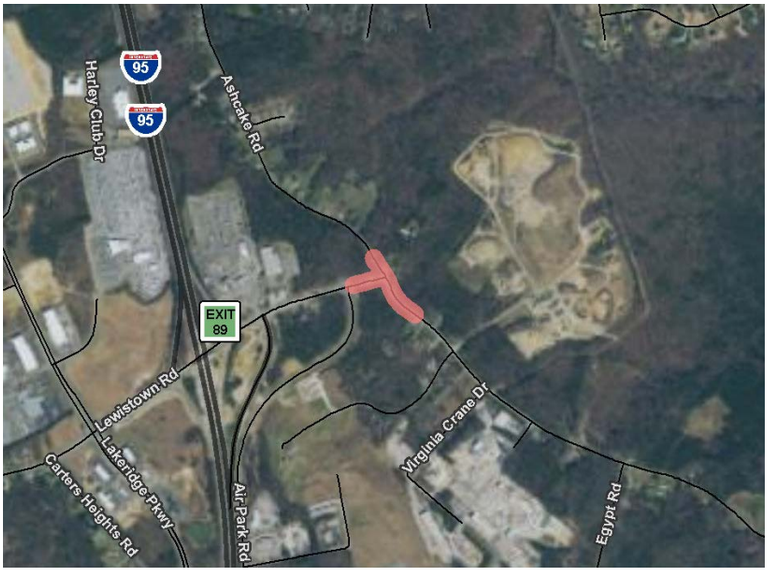
Lewistown Road/Ashcake Road Roundabout

Project Id: 6669

Improve safety and traffic operations at the intersection of Lewistown Rd and Ashcake Rd by adding a single lane roundabout. A truck apron, painted or mountable curb, will be provided to minimize the footprint of the roundabout.

3.3 SMART SCALE SCORE			
	#175 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$9,694,343
		Total Project Cost	$9,694,343
	#34 OF 75 DISTRICTWIDE	**Project Benefit**	3.2
		Project Benefit / Total Cost	3.3

Submitting Entity: Hanover County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: DGP
Evacuation Route: No
VTRANS Need: Safety (non-CoSS)



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	13.2 persons	3.7 person hrs.	17.6 EPDO	11,324.2 EPDO / 100M VMT	0.7 jobs per resident	0.4 jobs per resident	39.7 adjusted users	0.0 adj sq. ft.	0.0 daily tons	0.0 adj. buffer time index	52.9 adjusted points	11.6 impacted acres	4.4 access * pop/emp density.h	3.9 access * pop/emp density change.
Normalized Measure Value (0-100)	0.7	0.6	2.8	31.8	0.0	0.0	1.6	0.0	0.0	0.0	1.2	0.9	6.6	6.0
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	0.7		11.5		0.4			0.0			1.2		6.3	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%	5 (max point reduction)	10%	
Weighted Factor Value	0.1		2.3		0.1			0.0			0.1	0.0	0.6	
Project Benefit	3.2													
SMART SCALE Cost	$9,694,343													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**3.3**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

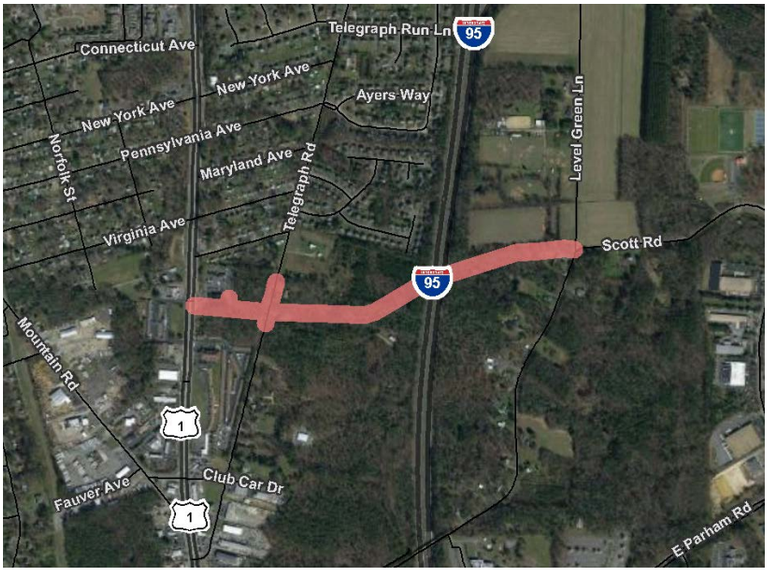
Magellan Parkway Extension Project

Project Id: 6721

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.

1.4 SMART SCALE SCORE			
	#271 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$32,021,441
		Total Project Cost	$35,000,456
	#57 OF 75 DISTRICTWIDE	**Project Benefit**	4.4
		Project Benefit / Total Cost	1.3

Submitting Entity: Henrico County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: No
VTRANS Need: Corridor of Statewide Significance



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	210.8 persons	57.5 person hrs.	0.0 EPDO	0.0 EPDO / 100M VMT	38.3 jobs per resident	38.4 jobs per resident	130.1 adjusted users	3,198,953.8 adj sq. ft.	400.8 daily tons	0.0 adj. buffer time index	182.2 adjusted points	35.6 impacted acres	9.0 access * pop/emp density.h	7.9 access * pop/emp density change.
Normalized Measure Value (0-100)	11.3	9.4	0.0	0.0	2.2	1.9	5.3	5.1	0.0	0.0	4.1	2.8	13.5	12.0
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	10.4		0.0		2.8			3.1			4.1		12.8	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%	5 (max point reduction)	10%	
Weighted Factor Value	1.6		0.0		0.7			0.6			0.4	-0.1	1.3	
Project Benefit	4.4													
SMART SCALE Cost	$32,021,441													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.4**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

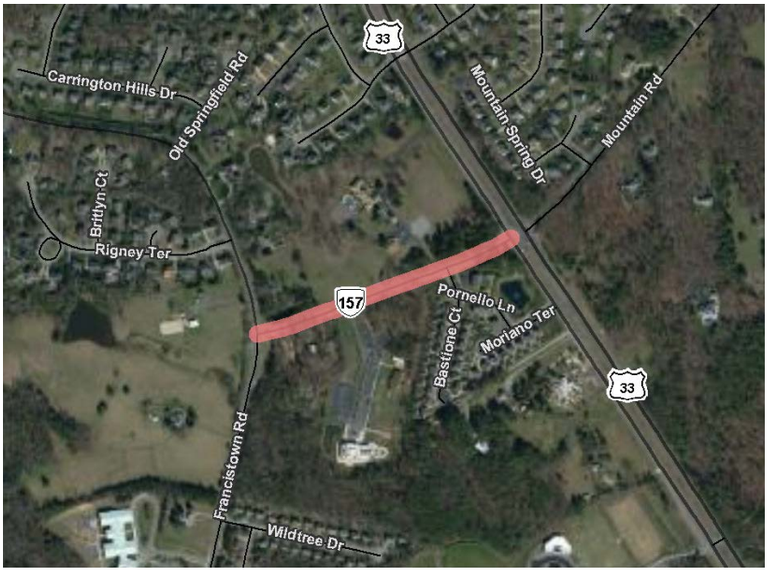
Springfield Road Improvements

Project Id: 6724

Intersection and roadway improvements on Springfield Road (State Route 157) between Staples Mill Rd (US Route 33) and Francistown Road to also include bicycle /pedestrian accommodations.

4.4 SMART SCALE SCORE	#136 OF 397 STATEWIDE	SMART SCALE Requested Funds	$10,345,668
		Total Project Cost	$10,345,668
	#25 OF 75 DISTRICTWIDE	Project Benefit	4.6
		Project Benefit / Total Cost	4.4

Submitting Entity: Henrico County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: No
VTRANS Need: Regional Network



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	342.5 persons	103.9 person hrs.	9.1 EPDO	1,223.0 EPDO / 100M VMT	53.5 jobs per resident	35.7 jobs per resident	20.8 adjusted users	120,063.3 adj sq. ft.	9,895.7 daily tons	5,695,036.4 adj. buffer time index	27.7 adjusted points	1.0 impacted acres	6.6 access * pop/emp density.h	3.7 access * pop/emp density change.
Normalized Measure Value (0-100)	18.4	17.0	1.5	3.4	3.1	1.8	0.9	0.2	0.8	0.1	0.6	0.1	9.9	5.5
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	17.7		2.0		2.4			0.3			0.6		7.7	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%	5 (max point reduction)	10%	
Weighted Factor Value	2.7		0.4		0.6			0.1			0.1	0.0	0.8	
Project Benefit	4.6													
SMART SCALE Cost	$10,345,668													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**4.4**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

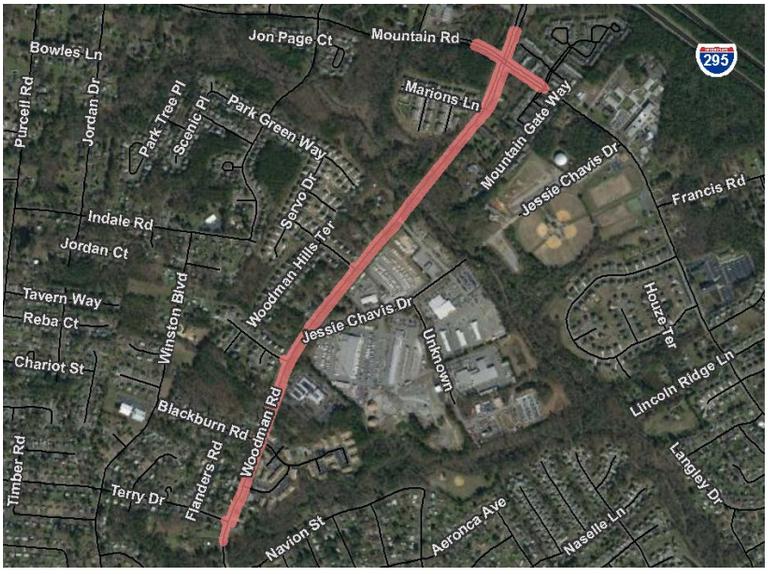
Woodman Road Improvements

Project Id: 6811

Improve Woodman Road to provide a four-lane divided typical section between approximately 300 feet south of Terry Drive to approximately 500 feet south of Mountain Road. Project also includes turn lane improvements (new SB right-turn lane and left-turn lane extensions at Mountain Rd / Woodman Rd intersection. The improvements will include an shared use path on the east side and sidewalk on the west side of Woodman Rd.

0.8 SMART SCALE SCORE			
	#320 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$34,694,501
		Total Project Cost	$37,574,049
	#66 OF 75 DISTRICTWIDE	**Project Benefit**	2.7
		Project Benefit / Total Cost	0.7

Submitting Entity: Henrico County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: No
VTRANS Need: Regional Network



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	36.4 persons	5.6 person hrs.	9.7 EPDO	288.4 EPDO / 100M VMT	34.5 jobs per resident	37.8 jobs per resident	109.1 adjusted users	28,933.9 adj sq. ft.	5,630.6 daily tons	10,851,006.5 adj. buffer time index	145.5 adjusted points	31.6 impacted acres	10.1 access * pop/emp density.h	8.1 access * pop/emp density change.
Normalized Measure Value (0-100)	2.0	0.9	1.6	0.8	2.0	1.9	4.5	0.0	0.4	0.1	3.3	2.4	15.2	12.3
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	1.4		1.3		2.5			0.1			3.3		13.8	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%	5 (max point reduction)	10%	
Weighted Factor Value	0.2		0.3		0.6			0.0			0.3	-0.1	1.4	
Project Benefit	2.7													
SMART SCALE Cost	$34,694,501													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.8**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

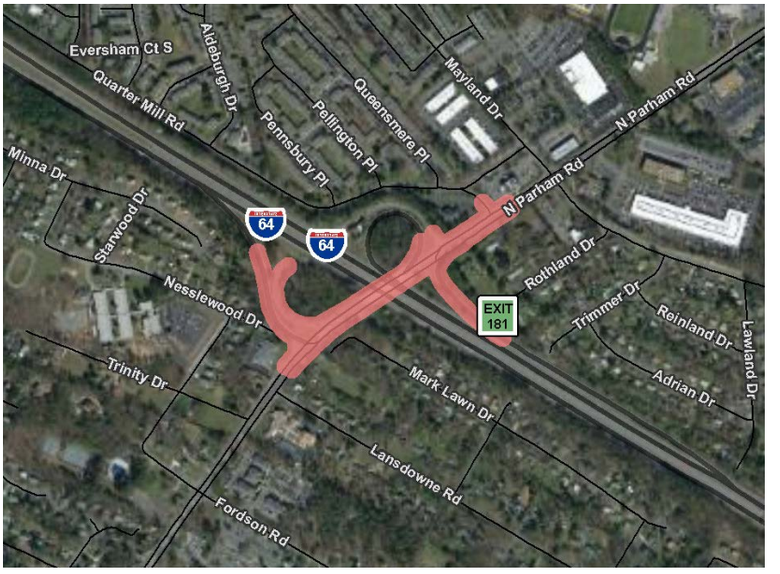
Parham Road and I-64 Interchange Improvements

Project Id: 6828

This project intends to improve operations and safety at the I-64 at Parham Road interchange. Improvements include additional turn lane storage at the EB I-64 off-ramp terminal, a new traffic signal serving the WB I-64 off-ramp and WB I-64 on-ramp, additional turn lane storage at the WB I-64 off-ramp terminal, and pedestrian accommodations along the west side of Parham Road within the project limits

3.6 SMART SCALE SCORE			
	#163 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$15,602,382
		Total Project Cost	$15,602,382
	#33 OF 75 DISTRICTWIDE	**Project Benefit**	5.6
		Project Benefit / Total Cost	3.6

Submitting Entity: Henrico County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: No
VTRANS Need: Regional Network



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	150.3 persons	121.6 person hrs.	18.7 EPDO	899.0 EPDO / 100M VMT	0.2 jobs per resident	0.2 jobs per resident	225.5 adjusted users	646,206.6 adj sq. ft.	0.0 daily tons	12,558,887.3 adj. buffer time index	300.7 adjusted points	0.3 impacted acres	11.8 access * pop/emp density.h	10.0 access * pop/emp density change.
Normalized Measure Value (0-100)	8.1	19.9	3.0	2.5	0.0	0.0	9.3	1.0	0.0	0.1	6.8	0.0	17.8	15.1
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	14.0		2.9		1.9			0.6			6.8		16.5	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%	5 (max point reduction)	10%	
Weighted Factor Value	2.1		0.6		0.5			0.1			0.7	0.0	1.6	
Project Benefit	5.6													
SMART SCALE Cost	$15,602,382													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**3.6**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

W Broad Street Short Pump

Project Id: 6893

This project will convert right-turn lanes along westbound US 250 (W. Broad Street) to a continuous shared through-right lane and construct side street intersection improvements from I-64 to Pouncey Tract Road.

4.0 SMART SCALE SCORE			
	#150 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$22,977,377
	#30 OF 75 DISTRICTWIDE	**Total Project Cost**	$22,977,377
		Project Benefit	9.1
		Project Benefit / Total Cost	4.0

Submitting Entity: Henrico County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance

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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	108.2 persons	46.1 person hrs.	205.0 EPDO	183.0 EPDO / 100M VMT	58.0 jobs per resident	53.3 jobs per resident	436.8 adjusted users	356,492.0 adj sq. ft.	1,207.0 daily tons	600,850,035.0 adj. buffer time index	262.1 adjusted points	3.9 impacted acres	8.8 access * pop/emp density.h	5.7 access * pop/emp density change.
Normalized Measure Value (0-100)	5.8	7.6	32.9	0.5	3.4	2.7	17.9	0.6	0.1	5.6	5.9	0.3	13.4	8.6
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	6.7		23.2		6.1			1.5			5.9		11.0	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%	5 (max point reduction)	10%	
Weighted Factor Value	1.0		4.6		1.5			0.3			0.6	0.0	1.1	
Project Benefit	9.1													
SMART SCALE Cost	$22,977,377													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**4.0**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

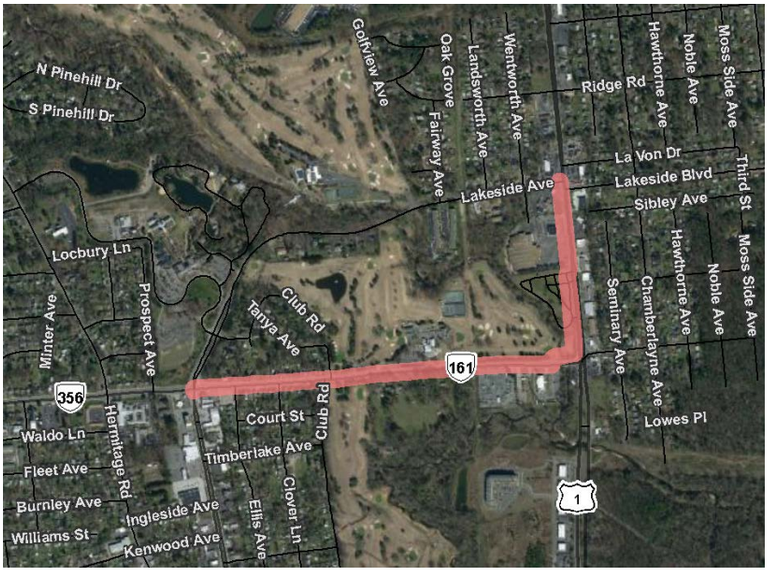
Brook and Hilliard Road Diet

Project Id: 6898

A road diet along Hilliard Road (Route 161) between Lakeside Avenue and Brook Road. The road diet will allow for a shared use path along Hilliard Rd which will continue along Brook Rd from Hilliard Road to Lakeside Avenue.

4.2 SMART SCALE SCORE			
	#138 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$8,618,459
		Total Project Cost	$10,177,314
	#26 OF 75 DISTRICTWIDE	**Project Benefit**	3.6
		Project Benefit / Total Cost	3.6

Submitting Entity: Henrico County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: No
VTRANS Need: Regional Network



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	64.5 persons	0.0 person hrs.	21.7 EPDO	932.8 EPDO / 100M VMT	3.0 jobs per resident	3.5 jobs per resident	193.4 adjusted users	32,825.4 adj sq. ft.	0.0 daily tons	4,934,881.8 adj. buffer time index	257.9 adjusted points	29.1 impacted acres	12.9 access * pop/emp density.h	11.0 access * pop/emp density change.
Normalized Measure Value (0-100)	3.5	0.0	3.5	2.6	0.2	0.2	7.9	0.1	0.0	0.0	5.8	2.2	19.5	16.7
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	1.7		3.2		1.7			0.0			5.8		18.1	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%	5 (max point reduction)	10%	
Weighted Factor Value	0.3		0.6		0.4			0.0			0.6	-0.1	1.8	
Project Benefit	3.6													
SMART SCALE Cost	$8,618,459													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**4.2**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

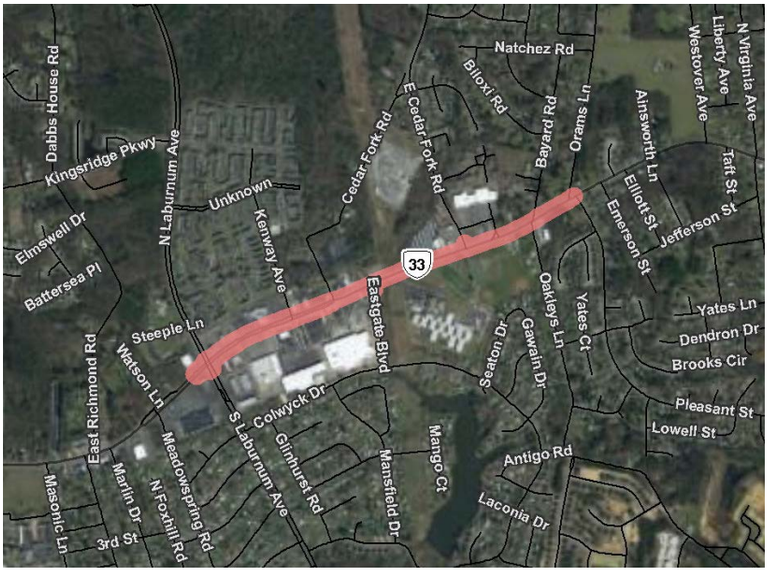
Nine Mile Rd Multimodal Mobility & Safety Improvements

Project Id: 6899

The project features a new traffic signal and multimodal improvements to enhance pedestrian mobility and transit access on a vital segment between Laburnum Avenue and Emerson Street/Carmen Lane

5.7 SMART SCALE SCORE			
	#107 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$14,115,665
		Total Project Cost	$14,115,665
	#14 OF 75 DISTRICTWIDE	**Project Benefit**	8.1
		Project Benefit / Total Cost	5.7

Submitting Entity: Henrico County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: No
VTRANS Need: Regional Network



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	84.4 persons	0.0 person hrs.	140.9 EPDO	173.9 EPDO / 100M VMT	2.3 jobs per resident	2.5 jobs per resident	422.1 adjusted users	36,120.5 adj sq. ft.	0.0 daily tons	126,970,035.9 adj. buffer time index	0.0 adjusted points	33.7 impacted acres	26.7 access * pop/emp density.h	22.5 access * pop/emp density change.
Normalized Measure Value (0-100)	4.5	0.0	22.6	0.5	0.1	0.1	17.3	0.1	0.0	1.2	0.0	2.6	40.4	34.1
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	2.3		16.0		3.6			0.3			0.0		37.2	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%	5 (max point reduction)	10%	
Weighted Factor Value	0.3		3.2		0.9			0.1			0.0	-0.1	3.7	
Project Benefit	8.1													
SMART SCALE Cost	$14,115,665													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**5.7**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

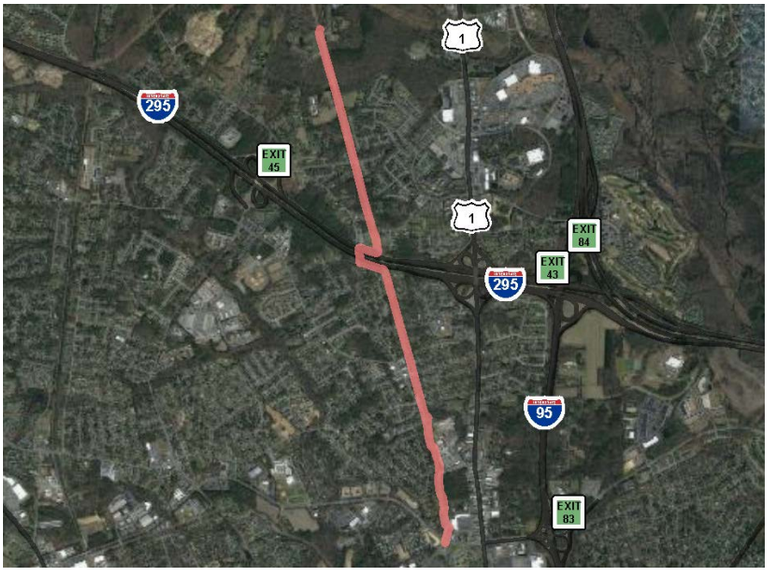
Longdale Trail and Intersection Improvements

Project Id: 6904

This project consist of a shared use path from Parham Rd & Cleveland St. to the new Woodman Road Extended project. Intersection Improvements at E. Parham Rd, Cleveland St, and Villa Park Dr consisting of a proposed southbound right turn lane, a northbound left turn lane, and the removal of the eastbound left turn lane. Additional improvements will include a new eastbound crossover at Hungary Rd and a proposed roundabout at the intersection of Cleveland Street and Hungary Road.

1.5 SMART SCALE SCORE	#264 OF 397 STATEWIDE	SMART SCALE Requested Funds	$22,820,746
		Total Project Cost	$26,006,629
	#55 OF 75 DISTRICTWIDE	Project Benefit	3.5
		Project Benefit / Total Cost	1.4

Submitting Entity: Henrico County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: No
VTRANS Need: Regional Network



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	70.5 persons	5.7 person hrs.	24.3 EPDO	1,711.2 EPDO / 100M VMT	33.5 jobs per resident	34.4 jobs per resident	211.4 adjusted users	90,787.9 adj sq. ft.	0.0 daily tons	1,144,180.6 adj. buffer time index	281.9 adjusted points	105.6 impacted acres	9.5 access * pop/emp density.h	7.6 access * pop/emp density change.
Normalized Measure Value (0-100)	3.8	0.9	3.9	4.8	1.9	1.7	8.7	0.1	0.0	0.0	6.3	8.2	14.3	11.5
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	2.4		4.2		3.3			0.1			6.3		12.9	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%	5 (max point reduction)	10%	
Weighted Factor Value	0.4		0.8		0.8			0.0			0.6	-0.4	1.3	
Project Benefit	3.5													
SMART SCALE Cost	$22,820,746													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.5**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

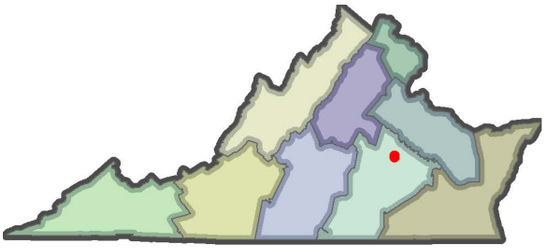
Staples Mill Road Improvements

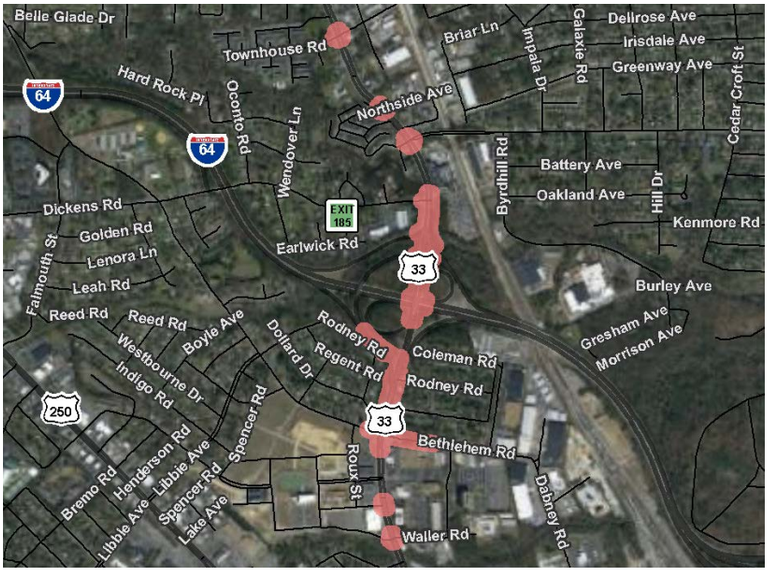
Project Id: 6949

The project includes added capacity at the Rt 33 and Bethlehem Rd intersection via additional turn bays. The project includes a new two-phase signal at a widened I-64 off ramp to limit SB weaving. The project provides capacity and lane assignment improvements on Rt 33 SB at the I-64 interchange, an RCUT/directional median at Millstone Rd, pedestrian crossing facilities at intersections, and bus facility upgrades.

4.6 SMART SCALE SCORE	**#129** OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$27,707,472
		Total Project Cost	$27,707,472
	#23 OF 75 DISTRICTWIDE	**Project Benefit**	12.8
		Project Benefit / Total Cost	4.6

Submitting Entity: Henrico County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: No
VTRANS Need: Regional Network





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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	93.4 persons	245.4 person hrs.	87.2 EPDO	190.9 EPDO / 100M VMT	4.1 jobs per resident	5.0 jobs per resident	466.8 adjusted users	383,604.2 adj sq. ft.	0.0 daily tons	846,571,626.2 adj. buffer time index	280.1 adjusted points	4.6 impacted acres	40.0 access * pop/emp density.h	32.1 access * pop/emp density change.
Normalized Measure Value (0-100)	5.0	40.2	14.0	0.5	0.2	0.3	19.2	0.6	0.0	7.8	6.3	0.4	60.5	48.6
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	22.6		10.0		4.0			1.9			6.3		54.5	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%	5 (max point reduction)	10%	
Weighted Factor Value	3.4		2.0		1.0			0.4			0.6	0.0	5.5	
Project Benefit	12.8													
SMART SCALE Cost	$27,707,472													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**4.6**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

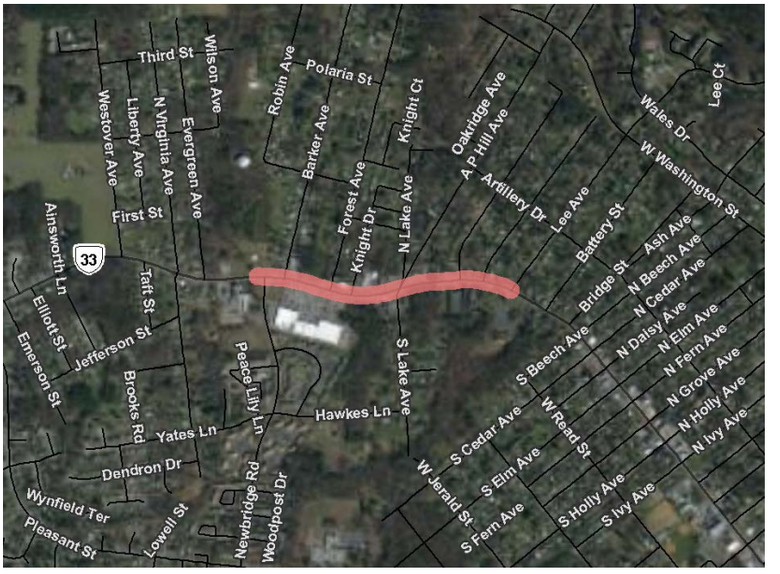
Nine Mile Rd Roadway Reconfiguration & Ped Safety Project

Project Id: 7014

The project features a roadway reconfiguration with other pedestrian crossing and connectivity enhancements along a segment of Nine Mile Road between Newbridge Road and Lee Avenue.

12.6 SMART SCALE SCORE			SMART SCALE Requested Funds	$3,426,269
	#32	OF 397 STATEWIDE	**Total Project Cost**	$3,426,269
	#4	OF 75 DISTRICTWIDE	**Project Benefit**	4.3
			Project Benefit / Total Cost	12.6

Submitting Entity: Henrico County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: No
VTRANS Need: Regional Network



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	20.3 persons	0.0 person hrs.	94.4 EPDO	3,168.8 EPDO / 100M VMT	0.1 jobs per resident	0.1 jobs per resident	101.5 adjusted users	17,782.4 adj sq. ft.	0.0 daily tons	12,973,599.2 adj. buffer time index	0.0 adjusted points	24.7 impacted acres	9.3 access * pop/emp density.h	10.0 access * pop/emp density change.
Normalized Measure Value (0-100)	1.1	0.0	15.1	8.9	0.0	0.0	4.2	0.0	0.0	0.1	0.0	1.9	14.1	15.2
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	0.5		13.3		0.8			0.0			0.0		14.6	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%	5 (max point reduction)	10%	
Weighted Factor Value	0.1		2.7		0.2			0.0			0.0	-0.1	1.5	
Project Benefit	4.3													
SMART SCALE Cost	$3,426,269													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**12.6**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

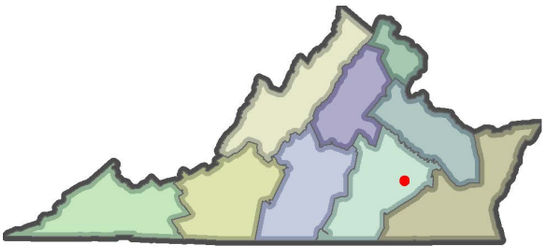
Appomattox River Trail Cameron's Landing Connector

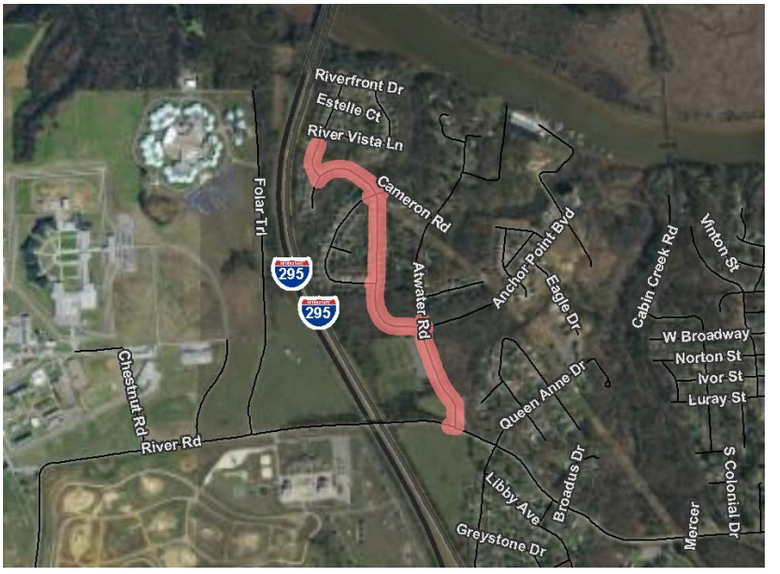
Project Id: 7103

This 1.5 mile section of the Appomattox River Trail will provide critical bicycle and pedestrian access under I-295 connecting the City of Hopewell to the existing Appomattox River Regional Park in Prince George County. This project includes construction of a new shared use path, construction of a new paved parking lot, improving an existing trailhead and establishing a new Neighborhood Connector route (including sharrows and signage) that all accomplish both local and regional goals.

0.0 SMART SCALE SCORE	**#394** OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$2,747,672
		Total Project Cost	$2,747,672
	#75 OF 75 DISTRICTWIDE	**Project Benefit**	0.0
		Project Benefit / Total Cost	0.0

Submitting Entity: Hopewell City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: No
VTRANS Need: Regional Network





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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	7.9 persons	0.0 person hrs.	0.0 EPDO	0.0 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	23.7 adjusted users	0.0 adj sq. ft.	0.0 daily tons	0.0 adj. buffer time index	0.0 adjusted points	23.7 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.4	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	1.8		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.2		0.0		0.2			0.0			0.0			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		0.0		0.0			0.0			0.0	-0.1		
Project Benefit	0.0													
SMART SCALE Cost	$2,747,672													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.0**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

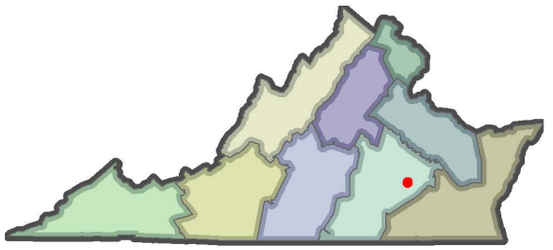
Cedar Level Road Southern Segment

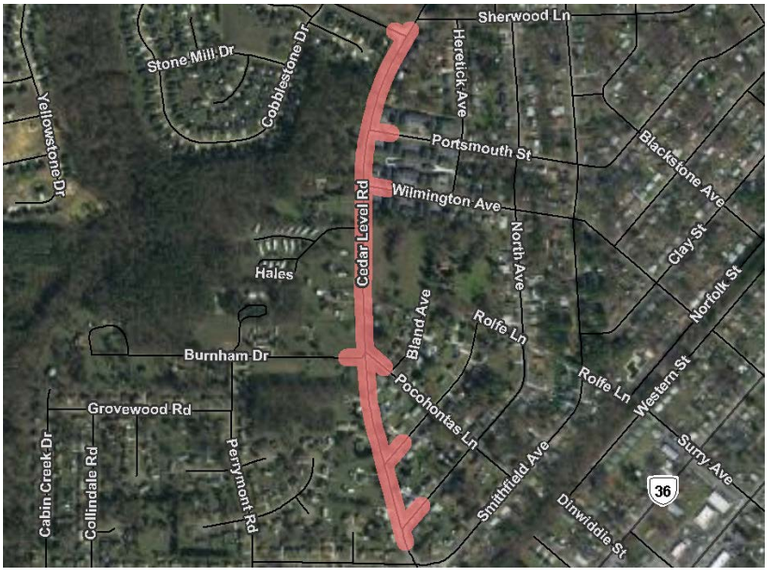
Project Id: 7175

48' Typical section includes two (2) - 12' travel lanes, two (2) 6' bike lanes on either side, and one (1) – 12' striped median two-way crossover lane. Sidewalks from the completed northern phase would be continued for this half mile section along both sides. Adjoining cross streets along the improvement corridor would meet current standards for access management. Other improvements will include a new storm drain network that will tie into drainage features completed in the northern section.

0.2 SMART SCALE SCORE			
	#372 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$16,694,051
		Total Project Cost	$16,694,051
	#73 OF 75 DISTRICTWIDE	**Project Benefit**	0.3
		Project Benefit / Total Cost	0.2

Submitting Entity: Hopewell City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: No
VTRANS Need: Regional Network





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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	8.3 persons	1.1 person hrs.	3.6 EPDO	0.0 EPDO / 100M VMT	8.5 jobs per resident	8.5 jobs per resident	25.0 adjusted users	0.0 adj sq. ft.	233.0 daily tons	0.0 adj. buffer time index	33.3 adjusted points	14.2 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.4	0.2	0.6	0.0	0.5	0.4	1.0	0.0	0.0	0.0	0.7	1.1		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.3		0.4		0.6			0.0			0.7			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		0.1		0.1			0.0			0.1	-0.1		
Project Benefit	0.3													
SMART SCALE Cost	$16,694,051													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.2**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

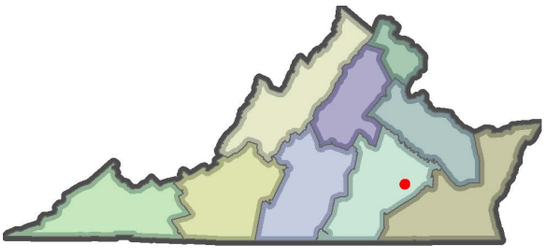
Route 36 Oaklawn Blvd STARS Project

Project Id: 7179

Improve operations and safety along Oaklawn Blvd (NHS Route) from Rt 144 to Jefferson Park Road via RCUT treatments and other operations and safety features including crosswalks (based on the STARS Study in progress). Meets a VTrans Tri-Cities RN Mid-Term Safety Node and Segment Needs (#401282 InteractVtrans but not in Location pearl; segments 116310,116514 and 116515 in GIS file but not InteractVtrans or Location pearl) and is multijurisdictional (Hopewell and Prince George County).

3.9 SMART SCALE SCORE			
	#151 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$10,260,824
		Total Project Cost	$10,260,824
	#31 OF 75 DISTRICTWIDE	**Project Benefit**	4.1
		Project Benefit / Total Cost	3.9

Submitting Entity: Hopewell City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: No
VTRANS Need: Regional Network



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	18.4 persons	61.3 person hrs.	78.0 EPDO	1,508.1 EPDO / 100M VMT	55.5 jobs per resident	64.3 jobs per resident	27.5 adjusted users	0.0 adj sq. ft.	13,630.4 daily tons	53,021,895.0 adj. buffer time index	36.7 adjusted points	38.2 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	1.0	10.0	12.5	4.2	3.2	3.3	1.1	0.0	1.1	0.5	0.8	3.0		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	5.5		10.0		2.8			0.3			0.8			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.8		2.5		0.7			0.1			0.1	-0.1		
Project Benefit	4.1													
SMART SCALE Cost	$10,260,824													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**3.9**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

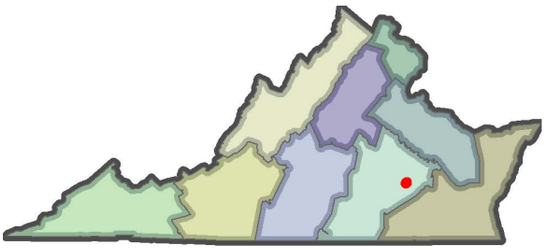
Courthouse Road Pedestrian Improvements

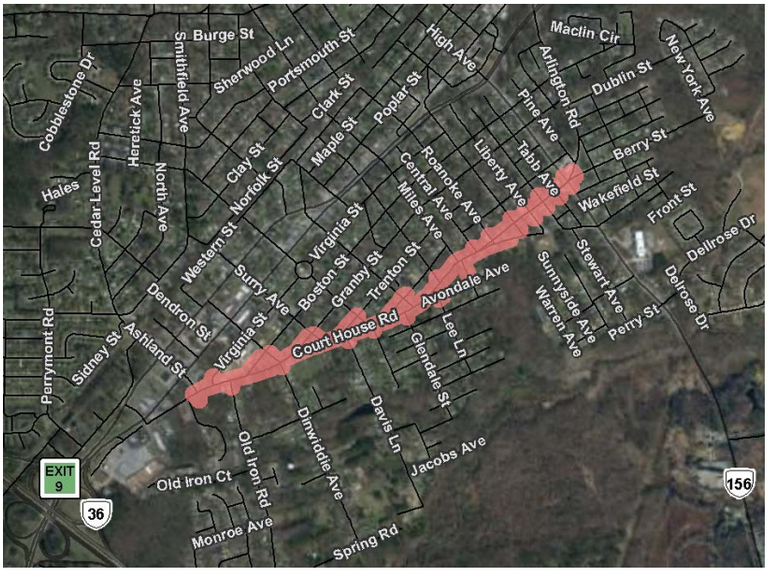
Project Id: 7187

Add pedestrian accommodations and drainage improvements along Courthouse Road from Ashland to Berry St and Berry St from Courthouse Road to Arlington Road.

0.2 SMART SCALE SCORE			
	#375 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$10,975,476
		Total Project Cost	$10,975,476
	#74 OF 75 DISTRICTWIDE	**Project Benefit**	0.2
		Project Benefit / Total Cost	0.2

Submitting Entity: Hopewell City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: DGP
Evacuation Route: No
VTRANS Need: Safety (non-CoSS)





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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	6.6 persons	0.0 person hrs.	3.5 EPDO	0.0 EPDO / 100M VMT	2.0 jobs per resident	2.5 jobs per resident	32.8 adjusted users	0.0 adj sq. ft.	0.0 daily tons	0.0 adj. buffer time index	0.0 adjusted points	8.6 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.4	0.0	0.6	0.0	0.1	0.1	1.3	0.0	0.0	0.0	0.0	0.7		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.2		0.4		0.4			0.0			0.0			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		0.1		0.1			0.0			0.0	0.0		
Project Benefit	0.2													
SMART SCALE Cost	$10,975,476													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.2**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

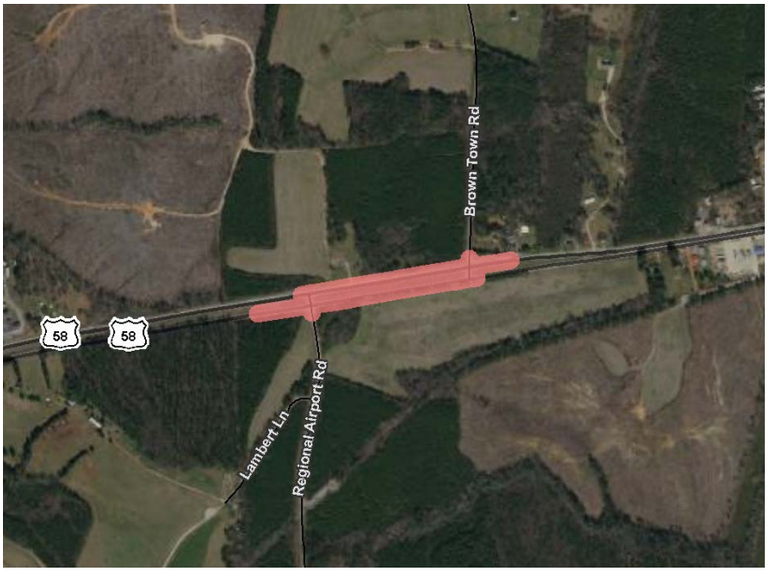
Intersection Improvements to US 58/626 and US 58/759

Project Id: 6748

Reconfigure the intersections of US 58/626 and US 58/759 to increase safety by addressing site-distance issues and preserving capacity with turn lane improvements. Both intersections will be reconfigured as directional crossovers, only permitting left-turns and U-turns from US 58. Left-turn lanes at both locations will include a taper and storage, as well as median grading and stormwater utility work. Right-turn lanes on US 58 will include minimum taper length per VDOT standards.

5.6 SMART SCALE SCORE	#109 OF 397 STATEWIDE	SMART SCALE Requested Funds	$3,726,168
		Total Project Cost	$3,726,168
	#15 OF 75 DISTRICTWIDE	Project Benefit	2.1
		Project Benefit / Total Cost	5.6

Submitting Entity: Mecklenburg County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	0.0 persons	0.1 person hrs.	1.2 EPDO	171.4 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	0.0 adj sq. ft.	0.0 daily tons	242,296.7 adj. buffer time index	888.0 adjusted points	0.5 impacted acres	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	20.0	0.0		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.0		0.3		0.0			0.0			20.0			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		0.1		0.0			0.0			2.0	0.0		
Project Benefit	2.1													
SMART SCALE Cost	$3,726,168													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**5.6**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

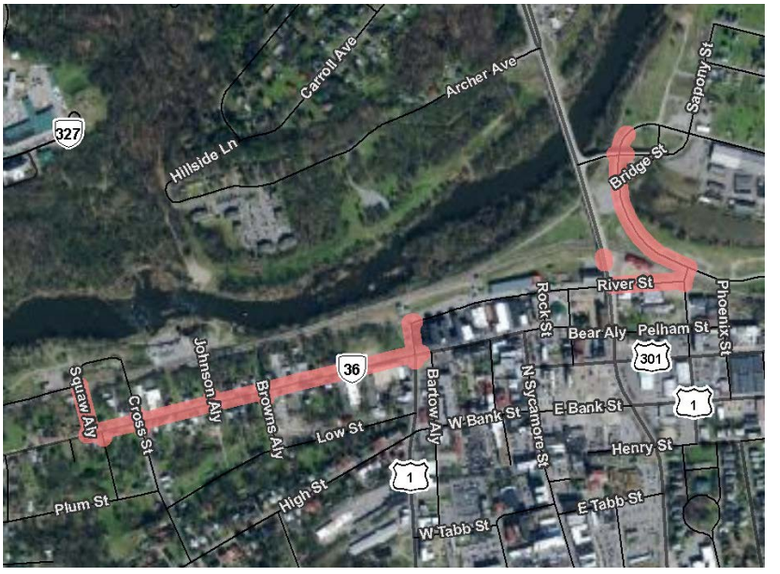
Appomattox River Trail from Squaw Alley to I-95

Project Id: 7027

2.0 mile section of the Appomattox River Trail - alignment from Squaw Alley entrance of Patton Park, along Grove Avenue, through Old Towne Petersburg (activity center) continuing to I-95, with bridge terminating at the existing north shore Appomattox River Trail. Includes a combination of new construction and rehabilitation of shared use path and sidewalk, convert road to bike/ped only, traffic calming measures, new bike/pedestrian bridge and paving an existing gravel parking lot for trailhead.

0.5 SMART SCALE SCORE	**#338** OF 397 STATEWIDE **#67** OF 75 DISTRICTWIDE		
		SMART SCALE Requested Funds	$13,756,957
		Total Project Cost	$13,756,957
		Project Benefit	0.8
		Project Benefit / Total Cost	0.5

Submitting Entity: Petersburg City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: No
VTRANS Need: Regional Network



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	21.5 persons	0.0 person hrs.	1.2 EPDO	240.3 EPDO / 100M VMT	35.9 jobs per resident	55.5 jobs per resident	85.9 adjusted users	471,136.0 adj sq. ft.	0.0 daily tons	0.0 adj. buffer time index	0.0 adjusted points	40.7 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	1.2	0.0	0.2	0.7	2.1	2.8	3.5	0.8	0.0	0.0	0.0	3.2		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.6		0.3		2.5			0.5			0.0			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.1		0.1		0.6			0.1			0.0	-0.2		
Project Benefit	0.8													
SMART SCALE Cost	$13,756,957													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.5**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

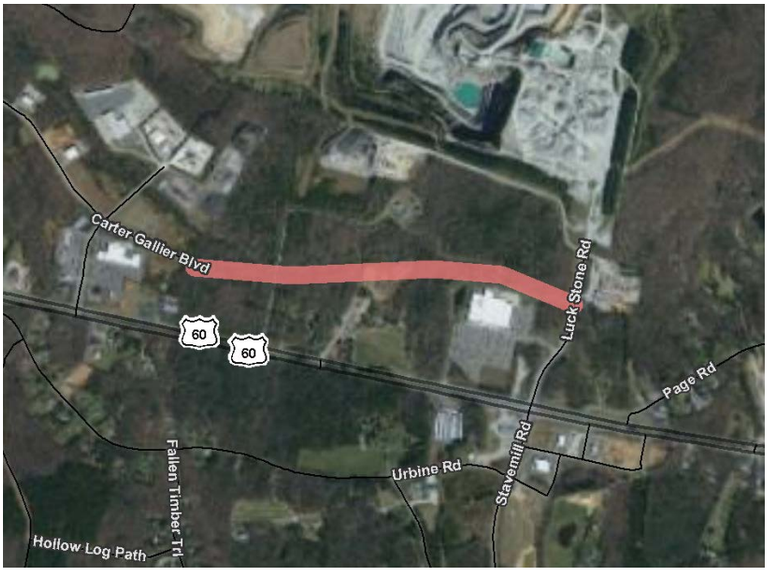
Carter Gallier Boulevard Extension: Phase II

Project Id: 6986

New road construction would connect existing Carter Gallier Boulevard (Rt. 1343) with Luck Stone Road (Rt. 1351), completing a road parallel to Anderson Highway (U.S. Route 60).

0.4 SMART SCALE SCORE			
	#346 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$15,353,001
		Total Project Cost	$15,353,001
	#70 OF 75 DISTRICTWIDE	**Project Benefit**	0.7
		Project Benefit / Total Cost	0.4

Submitting Entity: Powhatan County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: DGP
Evacuation Route: No
VTRANS Need: Urban Development Area



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	53.8 persons	13.7 person hrs.	0.0 EPDO	0.0 EPDO / 100M VMT	0.7 jobs per resident	0.8 jobs per resident	0.0 adjusted users	1,212,046.5 adj sq. ft.	321.6 daily tons	0.0 adj. buffer time index	0.0 adjusted points	1.4 impacted acres	0.4 access * pop/emp density.h	0.3 access * pop/emp density change.
Normalized Measure Value (0-100)	2.9	2.2	0.0	0.0	0.0	0.0	0.0	1.9	0.0	0.0	0.0	0.1	0.7	0.5
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	2.6		0.0		0.0			1.2			0.0		0.6	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%	5 (max point reduction)	10%	
Weighted Factor Value	0.4		0.0		0.0			0.2			0.0	0.0	0.1	
Project Benefit	0.7													
SMART SCALE Cost	$15,353,001													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.4**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

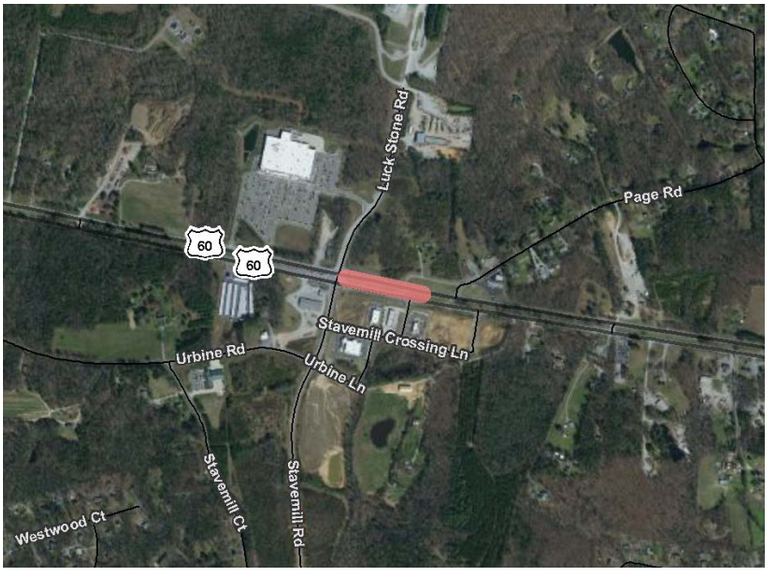
U.S. Route 60 at Stavemill Road: Westbound Left-Turn Lane

Project Id: 7003

This project would install a second left-turn lane along westbound U.S. Route 60 (Anderson Highway) at its intersection with State Route 634 (Stavemill Road), with associated modifications to the traffic signal.

1.2 SMART SCALE SCORE			
	#282 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$2,325,231
		Total Project Cost	$2,325,231
	#59 OF 75 DISTRICTWIDE	**Project Benefit**	0.3
		Project Benefit / Total Cost	1.2

Submitting Entity: Powhatan County
Preliminary Engineering: Not Started
Right of Way: Complete
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	0.0 persons	2.6 person hrs.	3.5 EPDO	81.6 EPDO / 100M VMT	0.6 jobs per resident	0.3 jobs per resident	0.0 adjusted users	0.0 adj sq. ft.	29,293.7 daily tons	5,760,838.0 adj. buffer time index	0.0 adjusted points	0.1 impacted acres	0.5 access * pop/emp density.h	0.4 access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.4	0.6	0.2	0.0	0.0	0.0	0.0	2.3	0.1	0.0	0.0	0.8	0.5
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	0.2		0.5		0.0			0.5			0.0		0.7	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%	5 (max point reduction)	10%	
Weighted Factor Value	0.0		0.1		0.0			0.1			0.0	0.0	0.1	
Project Benefit	0.3													
SMART SCALE Cost	$2,325,231													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.2**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

U.S. Route 60 at State Route 13/603 RCUT — Project Id: 7007

This proposal (as recommended in a 2019 VDOT study) will construct an RCUT at the intersection of U.S. Route 60 (Anderson Highway) and State Route 13 (Old Buckingham Road), with related improvements at the intersection of U.S. Route 60 (Anderson Highway) and State Route 603 (Academy Road), including additional turn lanes.

2.1 SMART SCALE SCORE			
	#229 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$7,198,098
		Total Project Cost	$7,198,098
	#45 OF 75 DISTRICTWIDE	**Project Benefit**	1.5
		Project Benefit / Total Cost	2.1

Submitting Entity: Powhatan County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance

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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	0.0 persons	2.2 person hrs.	34.4 EPDO	1,384.5 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	20,995.8 adj sq. ft.	0.0 daily tons	4,324,461.3 adj. buffer time index	0.0 adjusted points	0.0 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.4	5.5	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.2		5.0		0.0			0.0			0.0			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		1.5		0.0			0.0			0.0	0.0		
Project Benefit	1.5													
SMART SCALE Cost	$7,198,098													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**2.1**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

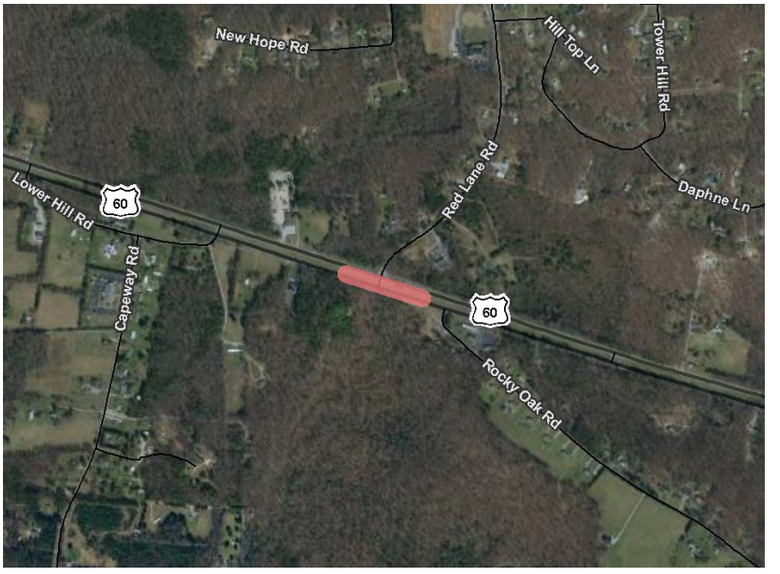
U.S. Route 60 at Red Lane Road: Continuous Green-T

Project Id: 7031

The existing signalized intersection at U.S. Route 60 (Anderson Highway) and State Route 628 (Red Lane Road) would be reconfigured as a Continuous Green-T (CGT). The US 60 westbound left -turn lane will be removed. A protected acceleration lane would be added in the median of U.S. Route 60, accommodating vehicles turning onto eastbound U.S. Route 60. This proposal is an initial recommendation in the updated U.S. Route 60 Corridor Study (update currently underway by VDOT).

1.0 SMART SCALE SCORE			
	#295 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$3,932,079
		Total Project Cost	$3,932,079
	#62 OF 75 DISTRICTWIDE	**Project Benefit**	0.4
		Project Benefit / Total Cost	1.0

Submitting Entity: Powhatan County
Preliminary Engineering: Not Started
Right of Way: Not Needed
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	0.0 persons	7.2 person hrs.	2.9 EPDO	218.9 EPDO / 100M VMT	3.7 jobs per resident	1.6 jobs per resident	0.0 adjusted users	2,850.7 adj sq. ft.	43,351.1 daily tons	1,100,892.7 adj. buffer time index	0.0 adjusted points	0.8 impacted acres	0.3 access * pop/emp density.h	0.3 access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	1.2	0.5	0.6	0.2	0.1	0.0	0.0	3.4	0.0	0.0	0.1	0.5	0.5
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	0.6		0.5		0.1			0.7			0.0		0.5	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%	5 (max point reduction)	10%	
Weighted Factor Value	0.1		0.1		0.0			0.1			0.0	0.0	0.1	
Project Benefit	0.4													
SMART SCALE Cost	$3,932,079													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.0**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

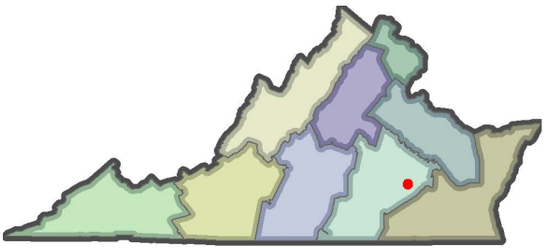
Roundabout at Middle Road and Prince George Drive

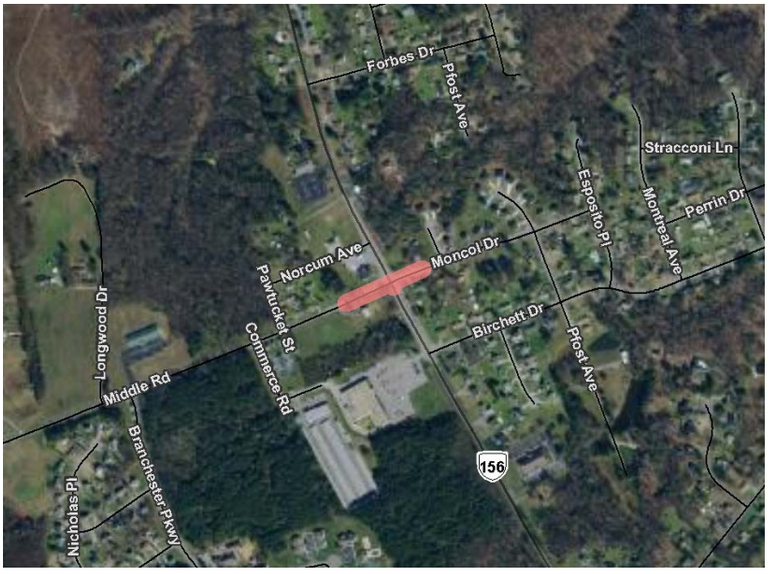
Project Id: 7120

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. Sidewalk will be constructed along the northeast and southeast quadrants of the roundabout and the median along Moncol drive.

4.5 SMART SCALE SCORE			
	#134 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$5,674,642
		Total Project Cost	$5,674,642
	#24 OF 75 DISTRICTWIDE	**Project Benefit**	2.5
		Project Benefit / Total Cost	4.5

Submitting Entity: Prince George County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: No
VTRANS Need: Regional Network





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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	3.7 persons	1.2 person hrs.	36.0 EPDO	7,008.4 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	5.5 adjusted users	0.0 adj sq. ft.	0.0 daily tons	0.0 adj. buffer time index	7.4 adjusted points	0.3 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.2	0.2	5.8	19.7	0.0	0.0	0.2	0.0	0.0	0.0	0.2	0.0		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.2		9.9		0.0			0.0			0.2			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		2.5		0.0			0.0			0.0	0.0		
Project Benefit	2.5													
SMART SCALE Cost	$5,674,642													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**4.5**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

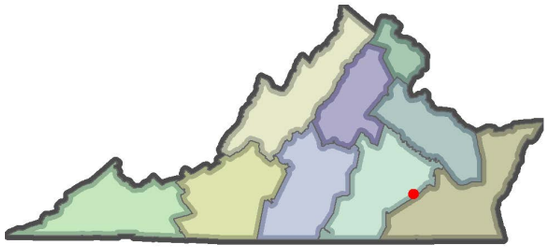
Hines Road [Rte. 625]Realignment at County Drive [Rte. 460]

Project Id: 7121

This improvement consists of realigning the northbound approach of Hines Road with the southbound approach of Hines Road. US 460 will be widened to accommodate for additional turn-lanes onto Hines Road from US 460. A raised median will be constructed on east and westside of the intersection along US 460, both measuring 900' in length. This improvement is expected to have a moderate impact to Right-of-way and utility relocation due to the realignment of Hines Road.

2.4 SMART SCALE SCORE			
	#213 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$9,369,080
		Total Project Cost	$9,369,080
	#42 OF 75 DISTRICTWIDE	**Project Benefit**	2.3
		Project Benefit / Total Cost	2.4

Submitting Entity: Prince George County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	0.0 persons	0.2 person hrs.	1.5 EPDO	216.7 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	72,569.4 adj sq. ft.	0.0 daily tons	100,253.4 adj. buffer time index	960.0 adjusted points	2.2 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	0.2	0.6	0.0	0.0	0.0	0.1	0.0	0.0	21.6	0.2		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.0		0.4		0.0			0.1			21.6			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		0.1		0.0			0.0			2.2	0.0		
Project Benefit	2.3													
SMART SCALE Cost	$9,369,080													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**2.4**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

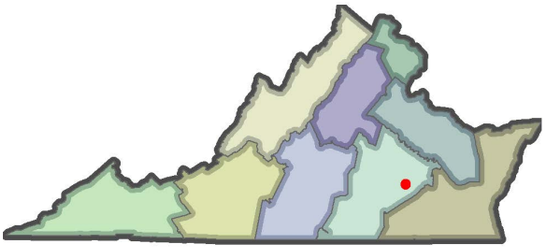
PROJECT SCORECARD

Roundabout at Middle Road(Rt 646) & Jefferson Park Rd (630) Project Id: 7123

Construct a one-lane Roundabout at Middle Road (Route 646) and Jefferson Park Road (Route 630) intersection with a one lane bypass on Jefferson Park Road

1.4 SMART SCALE SCORE	#272 OF 397 STATEWIDE	SMART SCALE Requested Funds	$6,479,555
		Total Project Cost	$8,158,174
	#58 OF 75 DISTRICTWIDE	Project Benefit	0.9
		Project Benefit / Total Cost	1.1

Submitting Entity: Prince George County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: DGP
Evacuation Route: No
VTRANS Need: Safety (non-CoSS)



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	0.0 persons	2.5 person hrs.	20.8 EPDO	1,465.0 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	110,467.9 adj sq. ft.	0.0 daily tons	0.0 adj. buffer time index	0.0 adjusted points	16.3 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.4	3.3	4.1	0.0	0.0	0.0	0.2	0.0	0.0	0.0	1.3		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.2		3.6		0.0			0.1			0.0			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		0.9		0.0			0.0			0.0	-0.1		
Project Benefit	0.9													
SMART SCALE Cost	$6,479,555													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.4**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

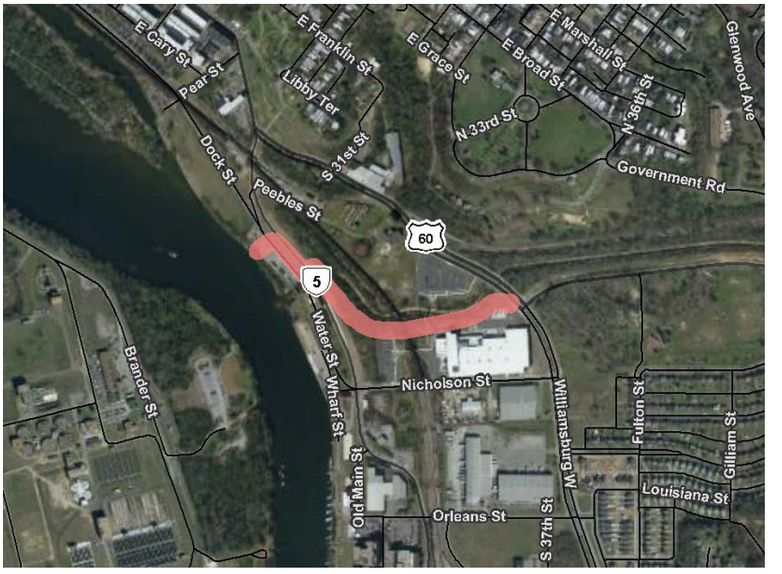
A Gillies Creek Greenway

Project Id: 6646

Gillies Creek Greenway is a proposed 0.4 mile shared use path extending from the Virginia Cap Trail and riverfront to Williamsburg Rd. The project provides bike, ped & transit access, improves major crossings for multimodal safety, and links major developments.

34.0 SMART SCALE SCORE	#7 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$3,758,546
		Total Project Cost	$3,758,546
	#1 OF 75 DISTRICTWIDE	**Project Benefit**	12.8
		Project Benefit / Total Cost	34.0

Submitting Entity: Richmond City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: No
VTRANS Need: Regional Network



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	193.0 persons	0.0 person hrs.	2.0 EPDO	4,623.7 EPDO / 100M VMT	4.1 jobs per resident	6.2 jobs per resident	965.0 adjusted users	899,835.4 adj sq. ft.	0.0 daily tons	0.0 adj. buffer time index	0.0 adjusted points	17.1 impacted acres	59.7 access * pop/emp density.h	59.8 access * pop/emp density change.
Normalized Measure Value (0-100)	10.4	0.0	0.3	13.0	0.2	0.3	39.6	1.4	0.0	0.0	0.0	1.3	90.2	90.7
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	5.2		4.1		8.1			0.9			0.0		90.4	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%	5 (max point reduction)	10%	
Weighted Factor Value	0.8		0.8		2.0			0.2			0.0	-0.1	9.0	
Project Benefit	12.8													
SMART SCALE Cost	$3,758,546													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**34.0**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

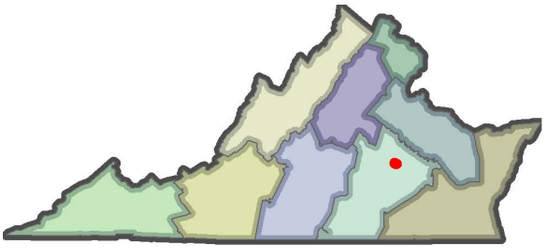
B James River Branch - Rail to Trail Greenway

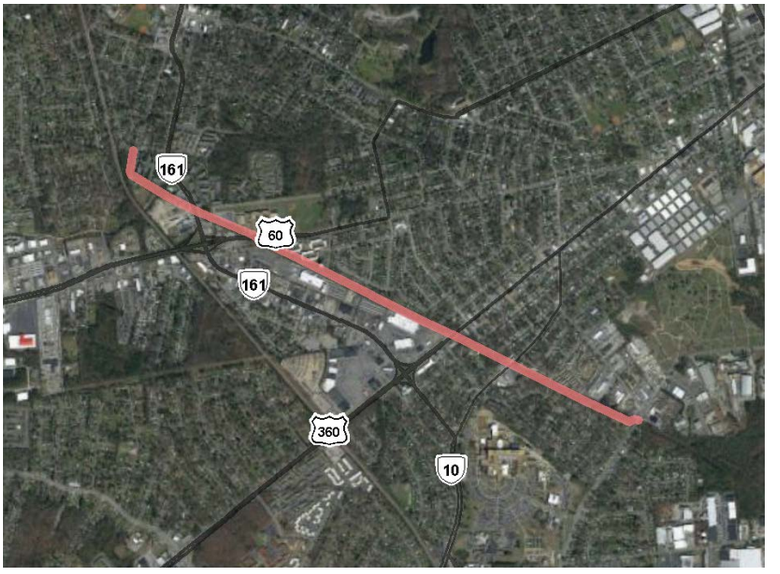
Project Id: 6647

The James River Branch Trail is a proposed 2-mile shared-use path along abandoned CSX ROW in Richmond, VA. The path would connect neighborhoods, schools, businesses, and parks. It extends from the Forest View neighborhood near 49th Street to George Wythe High School to McGuire VA Hospital to Hopkins Road.

5.3 SMART SCALE SCORE			
	#117 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$14,303,411
		Total Project Cost	$14,303,411
	#16 OF 75 DISTRICTWIDE	**Project Benefit**	7.6
		Project Benefit / Total Cost	5.3

Submitting Entity: Richmond City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: No
VTRANS Need: Regional Network





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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	52.1 persons	0.0 person hrs.	50.3 EPDO	5,840.7 EPDO / 100M VMT	37.2 jobs per resident	49.3 jobs per resident	260.7 adjusted users	89,066.9 adj sq. ft.	0.0 daily tons	2,478,465.1 adj. buffer time index	0.0 adjusted points	2.1 impacted acres	31.5 access * pop/emp density.h	24.5 access * pop/emp density change.
Normalized Measure Value (0-100)	2.8	0.0	8.1	16.4	2.2	2.5	10.7	0.1	0.0	0.0	0.0	0.2	47.6	37.2
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	1.4		10.6		3.9			0.1			0.0		42.4	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%	5 (max point reduction)	10%	
Weighted Factor Value	0.2		2.1		1.0			0.0			0.0	0.0	4.2	
Project Benefit	7.6													
SMART SCALE Cost	$14,303,411													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**5.3**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

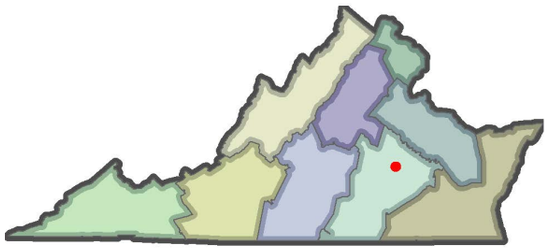
C US360 Hull Street Phase II

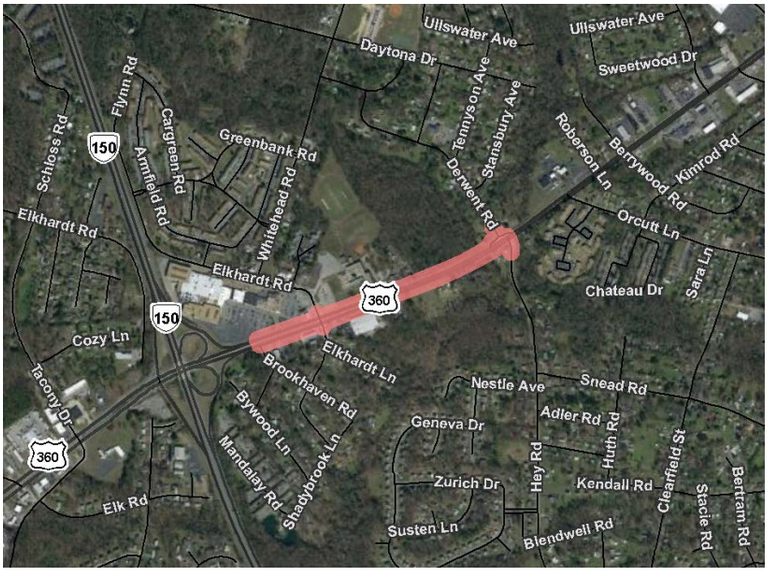
Project Id: 6648

This project will reconstruct the typical section of Hull Street between Chippenham Parkway to Hey Road by providing 2 lanes in each direction, a raised median, dedicated turn lanes, pedestrian accommodations, and shared-use paths. Project limits are Chippenham Parkway to Hey Road. Project limits include the area approximately 150-200 feet to the east of Hey Road to account for logical project tie-in work with the funded Hull Street Phase 1 project (Hey to Warwick).

3.8 SMART SCALE SCORE	#157 OF 397 STATEWIDE #32 OF 75 DISTRICTWIDE		
		SMART SCALE Requested Funds	$9,583,702
		Total Project Cost	$12,583,702
		Project Benefit	3.6
		Project Benefit / Total Cost	2.9

Submitting Entity: Richmond City
Preliminary Engineering: Underway
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: No
VTRANS Need: Regional Network





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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	45.8 persons	0.0 person hrs.	35.5 EPDO	71.6 EPDO / 100M VMT	12.8 jobs per resident	20.1 jobs per resident	228.9 adjusted users	22,765.1 adj sq. ft.	7,808.2 daily tons	155,897,941.2 adj. buffer time index	228.9 adjusted points	5.2 impacted acres	9.6 access * pop/emp density.h	9.0 access * pop/emp density change.
Normalized Measure Value (0-100)	2.5	0.0	5.7	0.2	0.7	1.0	9.4	0.0	0.6	1.4	5.1	0.4	14.5	13.7
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	1.2		4.1		2.5			0.4			5.1		14.1	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%	5 (max point reduction)	10%	
Weighted Factor Value	0.2		0.8		0.6			0.1			0.5	0.0	1.4	
Project Benefit	3.6													
SMART SCALE Cost	$9,583,702													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**3.8**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

D US Route 1 Phase II Improvements

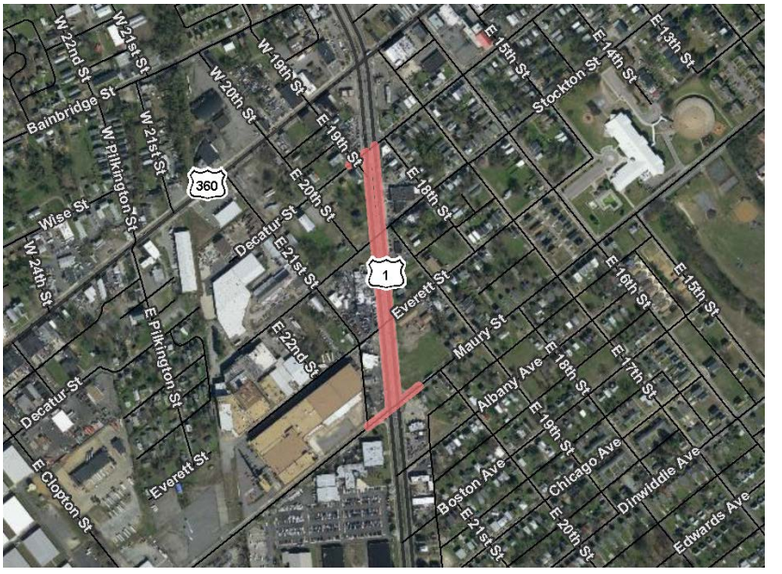
Project Id: 6649

Mulitmodal safety/operations improvements along the 0.4-mile stretch of US 1 between Maury St and Hull St by providing dedicated left-turn lanes for adjoining streets in both directions at US 1/Decatur and US 1/Maury, adding pedestrian signal control accommodations and crossing improvements at US 1 and Decatur, Stockton, and Maury, filling in missing sidewalk, consolidating/eliminating unnecessary curb cuts, and providing bike, pedestrian & transit access improvements along the corridor.

10.7 SMART SCALE SCORE		
	#49	OF 397 STATEWIDE
	#6	OF 75 DISTRICTWIDE

SMART SCALE Requested Funds	$12,242,272
Total Project Cost	$13,242,272
Project Benefit	13.1
Project Benefit / Total Cost	9.9

Submitting Entity: Richmond City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: No
VTRANS Need: Regional Network



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	45.6 persons	26.2 person hrs.	92.0 EPDO	164.3 EPDO / 100M VMT	24.9 jobs per resident	45.5 jobs per resident	227.9 adjusted users	22,856.8 adj sq. ft.	6,879.3 daily tons	306,884,844.0 adj. buffer time index	136.8 adjusted points	17.4 impacted acres	62.2 access * pop/emp density.h	60.5 access * pop/emp density change.
Normalized Measure Value (0-100)	2.4	4.3	14.8	0.5	1.4	2.3	9.4	0.0	0.5	2.8	3.1	1.3	94.1	91.7
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	3.4		10.5		3.2			0.7			3.1		92.9	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%	5 (max point reduction)	10%	
Weighted Factor Value	0.5		2.1		0.8			0.1			0.3	-0.1	9.3	
Project Benefit	13.1													
SMART SCALE Cost	$12,242,272													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**10.7**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

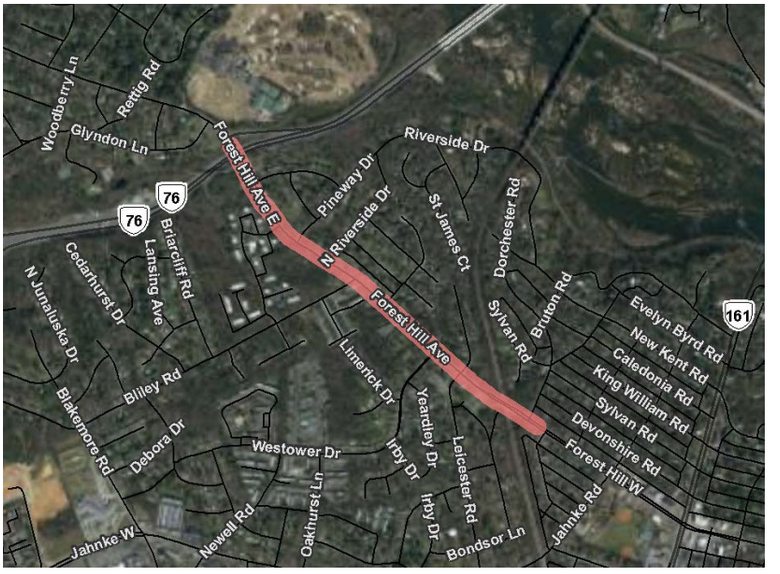
E Forest Hill Avenue Phase II Improvements

Project Id: 6650

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.

2.5 SMART SCALE SCORE			
	#209 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$29,291,641
		Total Project Cost	$29,291,641
	#41 OF 75 DISTRICTWIDE	**Project Benefit**	7.2
		Project Benefit / Total Cost	2.5

Submitting Entity: Richmond City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: No
VTRANS Need: Regional Network



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	44.6 persons	0.0 person hrs.	33.3 EPDO	785.8 EPDO / 100M VMT	6.3 jobs per resident	7.2 jobs per resident	222.8 adjusted users	0.0 adj sq. ft.	0.0 daily tons	29,241,998.0 adj. buffer time index	0.0 adjusted points	12.4 impacted acres	44.8 access * pop/emp density.h	30.2 access * pop/emp density change.
Normalized Measure Value (0-100)	2.4	0.0	5.3	2.2	0.4	0.4	9.2	0.0	0.0	0.3	0.0	1.0	67.8	45.9
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	1.2		4.4		2.1			0.1			0.0		56.8	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%	5 (max point reduction)	10%	
Weighted Factor Value	0.2		0.9		0.5			0.0			0.0	0.0	5.7	
Project Benefit	7.2													
SMART SCALE Cost	$29,291,641													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**2.5**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

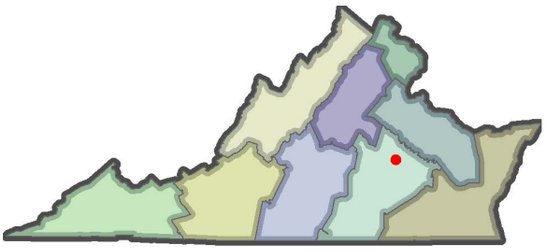
F Clay Street Streetscape Improvements

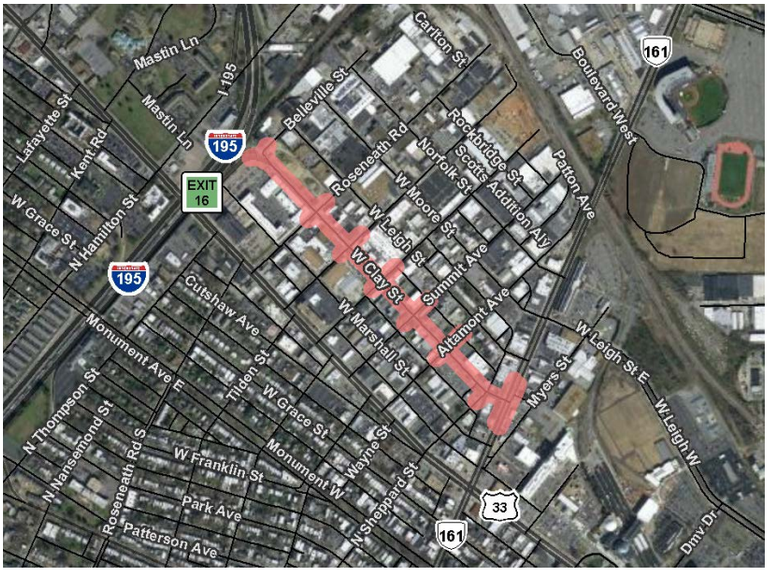
Project Id: 6651

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 accommodations on the approximate ½-mile corridor along Clay St from Belleville St to N Boulevard.

12.5 SMART SCALE SCORE	#33 OF 397 STATEWIDE	SMART SCALE Requested Funds	$8,332,621
		Total Project Cost	$9,332,621
	#5 OF 75 DISTRICTWIDE	Project Benefit	10.4
		Project Benefit / Total Cost	11.2

Submitting Entity: Richmond City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: Yes
VTRANS Need: Regional Network





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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	69.5 persons	0.0 person hrs.	0.5 EPDO	75.7 EPDO / 100M VMT	1.1 jobs per resident	1.4 jobs per resident	347.7 adjusted users	204,113.9 adj sq. ft.	0.0 daily tons	1,201,224.2 adj. buffer time index	0.0 adjusted points	21.1 impacted acres	61.8 access * pop/emp density.h	63.2 access * pop/emp density change.
Normalized Measure Value (0-100)	3.7	0.0	0.1	0.2	0.1	0.1	14.3	0.3	0.0	0.0	0.0	1.6	93.4	95.8
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	1.9		0.1		2.9			0.2			0.0		94.6	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%	5 (max point reduction)	10%	
Weighted Factor Value	0.3		0.0		0.7			0.0			0.0	-0.1	9.5	
Project Benefit	10.4													
SMART SCALE Cost	$8,332,621													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**12.5**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

G Commerce Road Streetscape

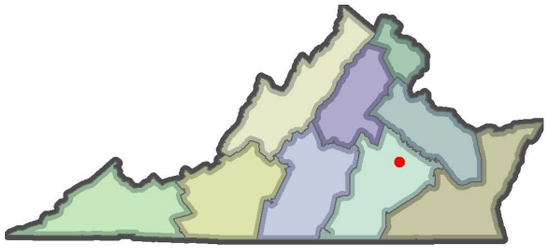
Project Id: 6652

This Commerce Road Streetscape project will provide multimodal safety and operational improvements to the 0.5mi stretch of Commerce Road from the Manchester Bridge to Decatur Street through access management, turn lane improvements, bike lanes, sidewalks, shared-use paths, and other streetscape amenities. Also includes Ashland to Petersburg Trail.

15.6 SMART SCALE SCORE			
	#25	OF 397 STATEWIDE	
	#3	OF 75 DISTRICTWIDE	

SMART SCALE Requested Funds	$9,441,459
Total Project Cost	$12,441,459
Project Benefit	14.7
Project Benefit / Total Cost	11.8

Submitting Entity: Richmond City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: No
VTRANS Need: Regional Network



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	19.9 persons	0.0 person hrs.	124.8 EPDO	14,070.2 EPDO / 100M VMT	5.8 jobs per resident	8.1 jobs per resident	99.3 adjusted users	2,117.1 adj sq. ft.	0.0 daily tons	5,036,000.8 adj. buffer time index	0.0 adjusted points	19.5 impacted acres	62.2 access * pop/emp density.h	60.5 access * pop/emp density change.
Normalized Measure Value (0-100)	1.1	0.0	20.0	39.5	0.3	0.4	4.1	0.0	0.0	0.0	0.0	1.5	94.1	91.7
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	0.5		25.8		1.1			0.0			0.0		92.9	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%	5 (max point reduction)	10%	
Weighted Factor Value	0.1		5.2		0.3			0.0			0.0	-0.1	9.3	
Project Benefit	14.7													
SMART SCALE Cost	$9,441,459													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**15.6**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

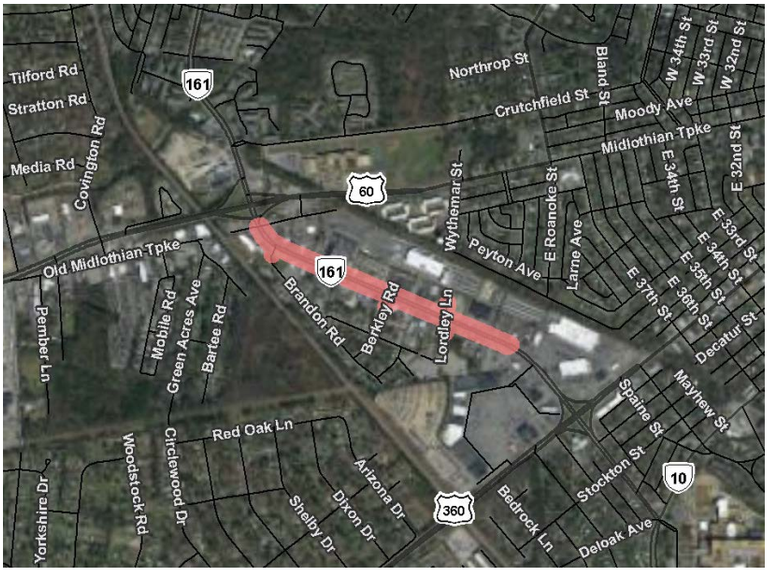
H Belt Boulevard (SR161) Streetscape

Project Id: 6653

This project will reconstruct the typical section of Belt Boulevard between Midlothian Turnpike and Hull Street Road by providing 2 lanes in each direction, a raised median, dedicated turn lanes, pedestrian accommodations and crossing enhancements, streetscape, and shared-use paths.

3.0 SMART SCALE SCORE			
	#185 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$21,603,256
		Total Project Cost	$21,603,256
	#35 OF 75 DISTRICTWIDE	**Project Benefit**	6.4
		Project Benefit / Total Cost	3.0

Submitting Entity: Richmond City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: No
VTRANS Need: Regional Network



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	59.9 persons	0.3 person hrs.	14.5 EPDO	9.0 EPDO / 100M VMT	7.2 jobs per resident	10.8 jobs per resident	299.5 adjusted users	28,119.8 adj sq. ft.	0.0 daily tons	969,152,370.0 adj. buffer time index	472.5 adjusted points	1.6 impacted acres	25.4 access * pop/emp density.h	23.4 access * pop/emp density change.
Normalized Measure Value (0-100)	3.2	0.1	2.3	0.0	0.4	0.5	12.3	0.0	0.0	9.0	10.6	0.1	38.3	35.5
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	1.6		1.6		2.8			1.8			10.6		36.9	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%	5 (max point reduction)	10%	
Weighted Factor Value	0.2		0.3		0.7			0.4			1.1	0.0	3.7	
Project Benefit	6.4													
SMART SCALE Cost	$21,603,256													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**3.0**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

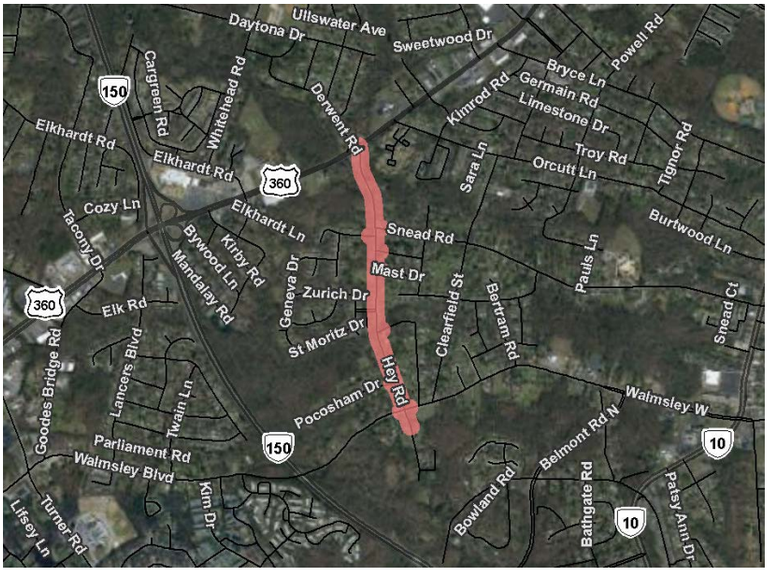
J Hey Road Streetscape

Project Id: 6655

This project will reconstruct the segment of Hey Road from Hull Street Road to Walmsley Boulevard by providing wider travel lanes, curb and gutter, sidewalk and other pedestrian accommodations, a closed drainage system, and streetscape elements.

2.6 SMART SCALE SCORE			
	#202 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$8,593,277
		Total Project Cost	$12,693,277
	#39 OF 75 DISTRICTWIDE	**Project Benefit**	2.3
		Project Benefit / Total Cost	1.8

Submitting Entity: Richmond City
Preliminary Engineering: Underway
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: No
VTRANS Need: Regional Network



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	2.3 persons	0.7 person hrs.	19.0 EPDO	2,696.8 EPDO / 100M VMT	2.3 jobs per resident	4.2 jobs per resident	3.4 adjusted users	0.0 adj sq. ft.	406.3 daily tons	0.0 adj. buffer time index	4.5 adjusted points	8.1 impacted acres	9.2 access * pop/emp density.h	8.8 access * pop/emp density change.
Normalized Measure Value (0-100)	0.1	0.1	3.1	7.6	0.1	0.2	0.1	0.0	0.0	0.0	0.1	0.6	13.9	13.3
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	0.1		4.4		0.2			0.0			0.1		13.6	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%	5 (max point reduction)	10%	
Weighted Factor Value	0.0		0.9		0.0			0.0			0.0	0.0	1.4	
Project Benefit	2.3													
SMART SCALE Cost	$8,593,277													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**2.6**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

SB 288 Continuous HSR Lane - West Creek Parkway to Route 711

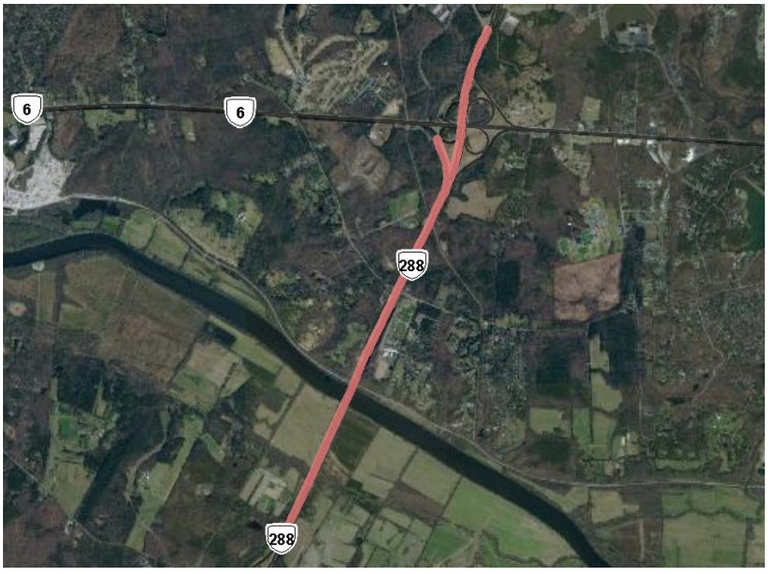
Project Id: 6685

The project would reconstruct the shoulder on southbound Route 288 between the on-ramp of West Creek Parkway and the off-ramp of Route 711 to provide an 11-foot hard running shoulder lane to be employed during PM peak travel hours. Installation of gantries with signage detailing usage and ITS improvements within the Route 288 corridor are included. The project also includes construction of emergency pull-offs for disabled vehicles while the hard shoulder running lane is in operation.

1.6 SMART SCALE SCORE	
#262	OF 397 STATEWIDE
#54	OF 75 DISTRICTWIDE

SMART SCALE Requested Funds	$43,505,801
Total Project Cost	$43,505,801
Project Benefit	6.8
Project Benefit / Total Cost	1.6

Submitting Entity: Richmond Regional Transportation Planning Organization
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: HPP
Evacuation Route: No
VTRANS Need: Corridor of Statewide Significance



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	681.2 persons	173.1 person hrs.	7.2 EPDO	28.3 EPDO / 100M VMT	64.8 jobs per resident	43.9 jobs per resident	0.0 adjusted users	123,391.0 adj sq. ft.	80,376.4 daily tons	201,735,248.0 adj. buffer time index	0.0 adjusted points	11.5 impacted acres	6.2 access * pop/emp density.h	4.7 access * pop/emp density change.
Normalized Measure Value (0-100)	36.6	28.4	1.2	0.1	3.8	2.2	0.0	0.2	6.3	1.9	0.0	0.9	9.3	7.1
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	32.5		0.8		2.7			1.8			0.0		8.2	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%	5 (max point reduction)	10%	
Weighted Factor Value	4.9		0.2		0.7			0.4			0.0	0.0	0.8	
Project Benefit	6.8													
SMART SCALE Cost	$43,505,801													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.6**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

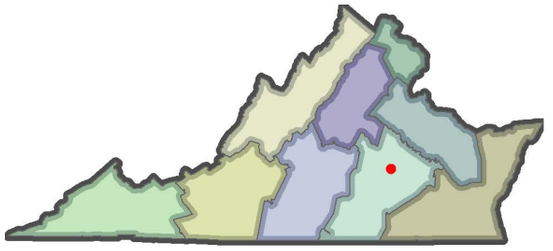
Route 360/Courthouse Road Intersection Improvement

Project Id: 6708

Construct superstreet intersection on Route 360 for the Courthouse Road intersection (u-turns at Rockwood Square Shopping Center and Oxbridge Road)

4.1 SMART SCALE SCORE			
	#146 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$8,107,299
		Total Project Cost	$8,107,299
	#29 OF 75 DISTRICTWIDE	**Project Benefit**	3.3
		Project Benefit / Total Cost	4.1

Submitting Entity: Richmond Regional Transportation Planning Organization
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: HPP
Evacuation Route: No
VTRANS Need: Regional Network



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	87.5 persons	44.6 person hrs.	42.9 EPDO	627.2 EPDO / 100M VMT	15.0 jobs per resident	13.6 jobs per resident	131.3 adjusted users	16,334.3 adj sq. ft.	37,503.7 daily tons	44,637,226.3 adj. buffer time index	175.0 adjusted points	4.4 impacted acres	2.2 access * pop/emp density.h	2.8 access * pop/emp density change.
Normalized Measure Value (0-100)	4.7	7.3	6.9	1.8	0.9	0.7	5.4	0.0	2.9	0.4	3.9	0.3	3.3	4.2
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	6.0		5.3		1.7			0.7			3.9		3.8	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%	5 (max point reduction)	10%	
Weighted Factor Value	0.9		1.1		0.4			0.1			0.4	0.0	0.4	
Project Benefit	3.3													
SMART SCALE Cost	$8,107,299													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**4.1**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

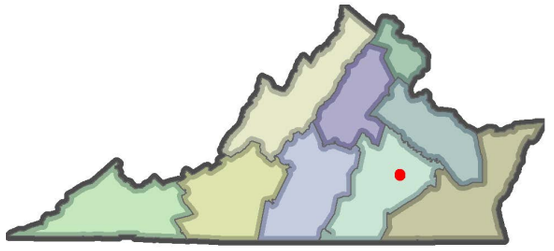
PROJECT SCORECARD

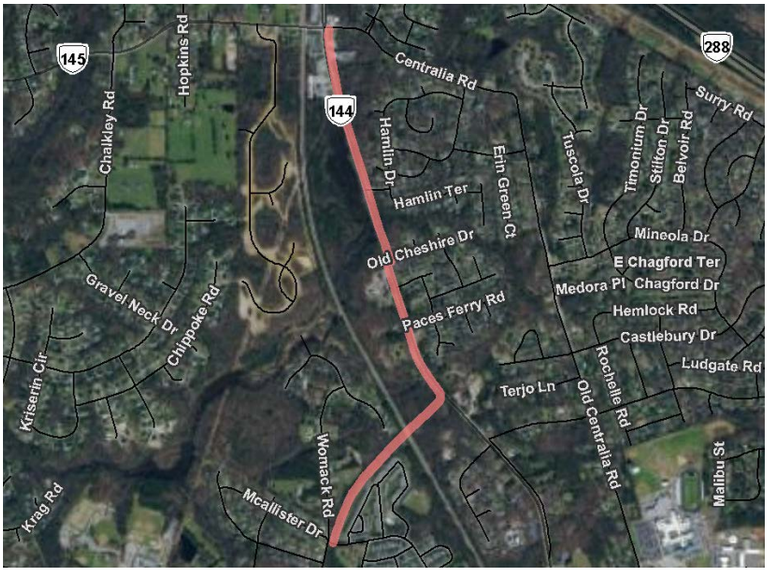
A-to-P Trail: Chester Linear Park Ext. & Chester Rd. Project Id: 6710

Construction of: 1) 0.45 mi off-road trail from Chester Village Dr to Chester Rd 2) ~85' bridge over RR; 3) 0.4 mi shared-use path (SUP), west side Chester Rd; 4) RRFB & crosswalk on Chester Rd at MM 11.05 (per "Segment Section Plans"); 5) 0.65 mi SUP, east side of Chester Rd; 6) ~100' bridge at Great Branch, east side of Chester Rd; 7) crosswalks and pedestrian-actuated signals at Chester/Centralia intersection. RW acquisition & utility reloc. anticipated along Chester Rd.

0.5 SMART SCALE SCORE			
	#340 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$12,584,736
		Total Project Cost	$12,584,736
	#69 OF 75 DISTRICTWIDE	**Project Benefit**	0.6
		Project Benefit / Total Cost	0.5

Submitting Entity: Richmond Regional Transportation Planning Organization
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: HPP
Evacuation Route: No
VTRANS Need: Regional Network





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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	33.4 persons	0.0 person hrs.	0.0 EPDO	0.0 EPDO / 100M VMT	3.8 jobs per resident	1.9 jobs per resident	100.1 adjusted users	84,117.0 adj sq. ft.	0.0 daily tons	0.0 adj. buffer time index	0.0 adjusted points	49.1 impacted acres	3.1 access * pop/emp density.h	2.5 access * pop/emp density change.
Normalized Measure Value (0-100)	1.8	0.0	0.0	0.0	0.2	0.1	4.1	0.1	0.0	0.0	0.0	3.8	4.7	3.7
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	0.9		0.0		1.0			0.1			0.0		4.2	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%	5 (max point reduction)	10%	
Weighted Factor Value	0.1		0.0		0.2			0.0			0.0	-0.2	0.4	
Project Benefit	0.6													
SMART SCALE Cost	$12,584,736													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.5**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

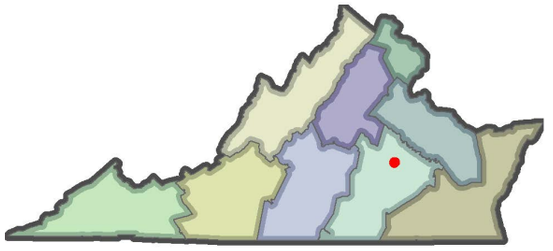
Powhite NB at Chippenham Capacity and Safety Improvements

Project Id: 6740

Construct a choice lane on Powhite Parkway NB at the on-ramp from Chippenham SB and extend the third express lane to the Chippenham Interchange; install rumble strips along the outside travel lanes of Powhite Parkway NB from the RT 150 interchange to the toll plaza.

6.3 SMART SCALE SCORE			
	#103 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$17,168,958
		Total Project Cost	$17,168,958
	#12 OF 75 DISTRICTWIDE	**Project Benefit**	10.9
		Project Benefit / Total Cost	6.3

Submitting Entity: Richmond Regional Transportation Planning Organization
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: HPP
Evacuation Route: No
VTRANS Need: Regional Network



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	626.5 persons	51.6 person hrs.	3.6 EPDO	65.5 EPDO / 100M VMT	342.4 jobs per resident	303.5 jobs per resident	0.0 adjusted users	97,368.6 adj sq. ft.	23,862.7 daily tons	7,365,622.9 adj. buffer time index	0.0 adjusted points	10.8 impacted acres	30.6 access * pop/emp density.h	19.8 access * pop/emp density change.
Normalized Measure Value (0-100)	33.6	8.5	0.6	0.2	19.8	15.4	0.0	0.2	1.9	0.1	0.0	0.8	46.3	30.0
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	21.0		0.5		15.0			0.5			0.0		38.1	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%	5 (max point reduction)	10%	
Weighted Factor Value	3.2		0.1		3.7			0.1			0.0	0.0	3.8	
Project Benefit	10.9													
SMART SCALE Cost	$17,168,958													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**6.3**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

Powhite SB at Chippenham Capacity and Safety Improvements

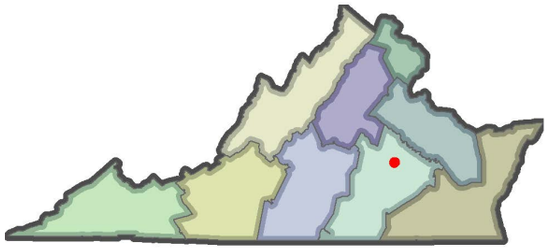
Project Id: 6741

This project will construct a choice lane on Powhite Parkway SB at the RT 150 interchange; install rumble strips along the outside travel lanes of SB Powhite Parkway from the RT 150 interchange to the upstream toll plaza; and construct shoulder widening on the Powhite Parkway SB off-ramp to RT 150 SB with advisory signing.

4.8 SMART SCALE SCORE	
#126	OF 397 STATEWIDE
#21	OF 75 DISTRICTWIDE

SMART SCALE Requested Funds	$9,436,181
Total Project Cost	$9,436,181
Project Benefit	4.6
Project Benefit / Total Cost	4.8

Submitting Entity: Richmond Regional Transportation Planning Organization
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: HPP
Evacuation Route: No
VTRANS Need: Regional Network



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	256.6 persons	0.9 person hrs.	18.1 EPDO	356.3 EPDO / 100M VMT	5.6 jobs per resident	6.7 jobs per resident	0.0 adjusted users	1,318,256.9 adj sq. ft.	3,014.7 daily tons	18,366,750.2 adj. buffer time index	0.0 adjusted points	11.6 impacted acres	21.7 access * pop/emp density.h	14.7 access * pop/emp density change.
Normalized Measure Value (0-100)	13.8	0.2	2.9	1.0	0.3	0.3	0.0	2.1	0.2	0.2	0.0	0.9	32.9	22.2
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	7.0		2.3		0.3			1.4			0.0		27.5	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%	5 (max point reduction)	10%	
Weighted Factor Value	1.0		0.5		0.1			0.3			0.0	0.0	2.8	
Project Benefit	4.6													
SMART SCALE Cost	$9,436,181													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**4.8**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

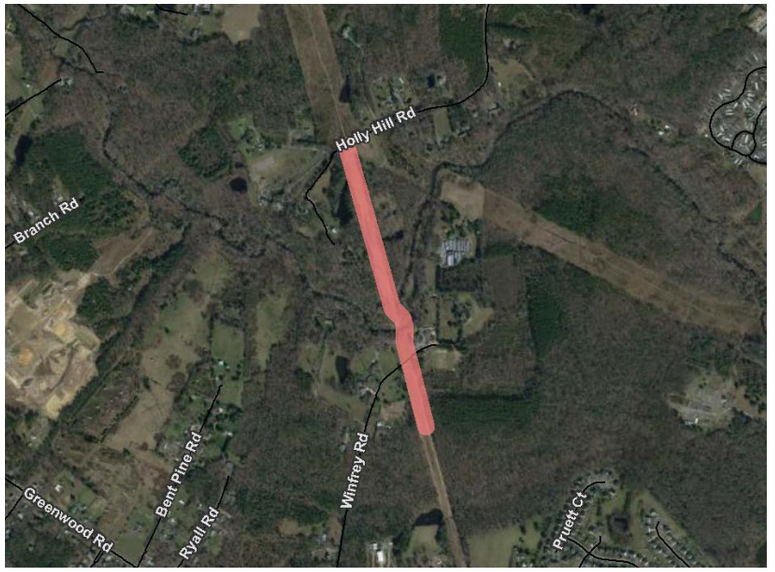
Ashland to Petersburg Trail - Chickahominy River Crossing

Project Id: 6768

This project will provide approximately 3,300 linear feet of trail that will tie into the planned Woodman Road Extended Multi-Use Trail to the south (Henrico) and Holly Hill Road, a low-volume road in Hanover that provides access to Cedar Lane, should this section of trail be constructed prior to the adjacent segments to the north or south. The Woodman Road Extended Trail will be constructed within 1 year of the completion of Woodman Road Extended by developer HHHunt (expected Sept 2021)

2.0 SMART SCALE SCORE			
	#240 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$4,989,908
		Total Project Cost	$4,989,908
	#46 OF 75 DISTRICTWIDE	**Project Benefit**	1.0
		Project Benefit / Total Cost	2.0

Submitting Entity: Richmond Regional Transportation Planning Organization
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: HPP
Evacuation Route: No
VTRANS Need: Regional Network



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	24.7 persons	0.0 person hrs.	0.0 EPDO	0.0 EPDO / 100M VMT	1.5 jobs per resident	0.8 jobs per resident	74.2 adjusted users	0.0 adj sq. ft.	0.0 daily tons	0.0 adj. buffer time index	0.0 adjusted points	7.0 impacted acres	5.4 access * pop/emp density.h	4.7 access * pop/emp density change.
Normalized Measure Value (0-100)	1.3	0.0	0.0	0.0	0.1	0.0	3.0	0.0	0.0	0.0	0.0	0.5	8.1	7.1
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	0.7		0.0		0.7			0.0			0.0		7.6	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%	5 (max point reduction)	10%	
Weighted Factor Value	0.1		0.0		0.2			0.0			0.0	0.0	0.8	
Project Benefit	1.0													
SMART SCALE Cost	$4,989,908													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**2.0**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

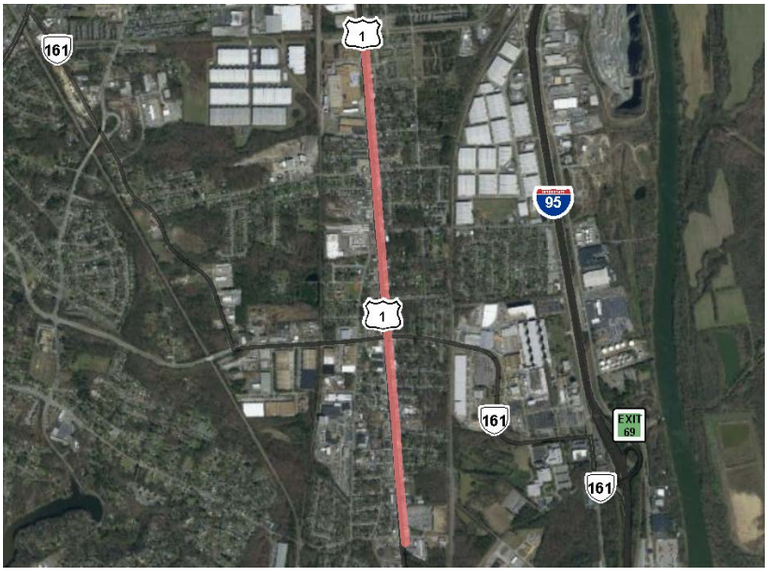
Ashland to Petersburg Trail US 1 Walmsley to Bellemeade

Project Id: 6778

This Ashland to Petersburg Trail project will provide multimodal transportation improvements along US Route 1 between Walmsley to Bellemeade, including a shared-use path, curb and gutter, crossing improvements, signal modifications, transit stop improvements, and other streetscape amenities, following the preferred corridor as identified in the Ashland to Petersburg trail study.

4.1 SMART SCALE SCORE			
	#145 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$16,171,264
		Total Project Cost	$16,171,264
	#28 OF 75 DISTRICTWIDE	**Project Benefit**	6.6
		Project Benefit / Total Cost	4.1

Submitting Entity: Richmond Regional Transportation Planning Organization
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: HPP
Evacuation Route: No
VTRANS Need: Corridor of Statewide Significance



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	16.6 persons	0.0 person hrs.	51.4 EPDO	74.5 EPDO / 100M VMT	5.3 jobs per resident	7.9 jobs per resident	83.0 adjusted users	69,002.2 adj sq. ft.	0.0 daily tons	183,548,271.9 adj. buffer time index	752.0 adjusted points	4.5 impacted acres	23.5 access * pop/emp density.h	21.7 access * pop/emp density change.
Normalized Measure Value (0-100)	0.9	0.0	8.2	0.2	0.3	0.4	3.4	0.1	0.0	1.7	16.9	0.3	35.5	32.9
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	0.4		5.8		0.9			0.4			16.9		34.2	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%	5 (max point reduction)	10%	
Weighted Factor Value	0.1		1.2		0.2			0.1			1.7	0.0	3.4	
Project Benefit	6.6													
SMART SCALE Cost	$16,171,264													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**4.1**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

I-64 EB Widening (Exit 205 to Exit 211)

Project Id: 6841

Widening of approximately 5.9 miles of I-64 EB from 2-lanes to 3-lanes (toward the inside), between Exit 205 - Bottoms Bridge and Exit 211 - Rte. 106. A soundwall is included between the on-ramp at Exit 205 and the Rte. 665– Henpeck Rd overpass. This improvement is consistent with the I-64 Tier 1 EIS for the entire I-64 corridor between Richmond and Hampton Roads.

2.0 SMART SCALE SCORE			
	#243 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$73,454,991
		Total Project Cost	$73,454,991
	#48 OF 75 DISTRICTWIDE	**Project Benefit**	14.6
		Project Benefit / Total Cost	2.0

Submitting Entity: Richmond Regional Transportation Planning Organization

Preliminary Engineering: Not Started

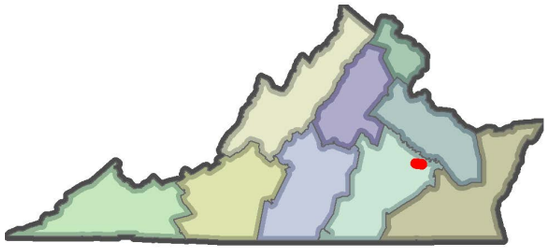
Right of Way: Not Started

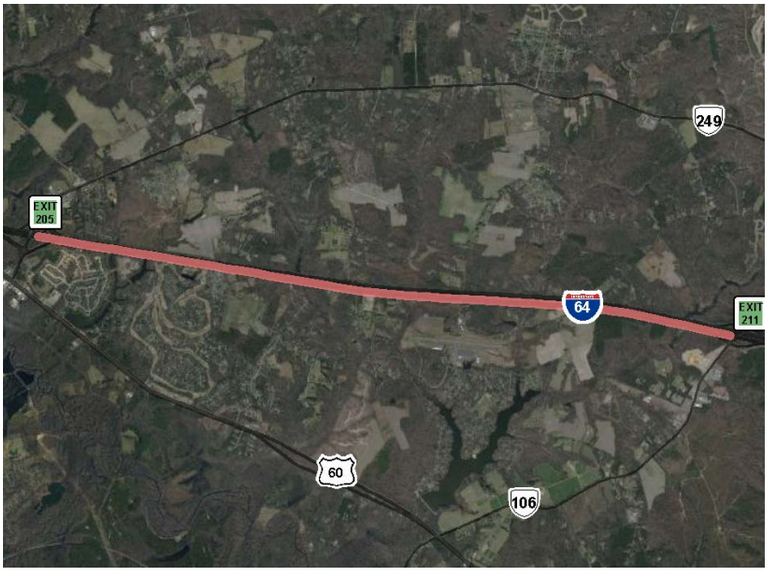
Construction: Not Started

Eligible Fund Program: HPP

Evacuation Route: Yes

VTRANS Need: Corridor of Statewide Significance





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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	1,200.3 persons	305.1 person hrs.	56.7 EPDO	80.3 EPDO / 100M VMT	30.1 jobs per resident	39.3 jobs per resident	0.0 adjusted users	2,464,376.3 adj sq. ft.	1,267,582.4 daily tons	46,627,620.3 adj. buffer time index	0.0 adjusted points	136.0 impacted acres	3.8 access * pop/emp density.h	1.8 access * pop/emp density change.
Normalized Measure Value (0-100)	64.5	50.0	9.1	0.2	1.7	2.0	0.0	4.0	99.5	0.4	0.0	10.5	5.8	2.7
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	57.2		6.4		1.4			22.4			0.0		4.3	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%	5 (max point reduction)	10%	
Weighted Factor Value	8.6		1.3		0.4			4.5			0.0	-0.5	0.4	
Project Benefit	14.6													
SMART SCALE Cost	$73,454,991													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**2.0**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

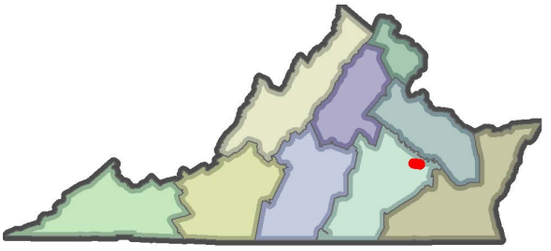
I-64 WB Widening (Exit 211 to Exit 205)

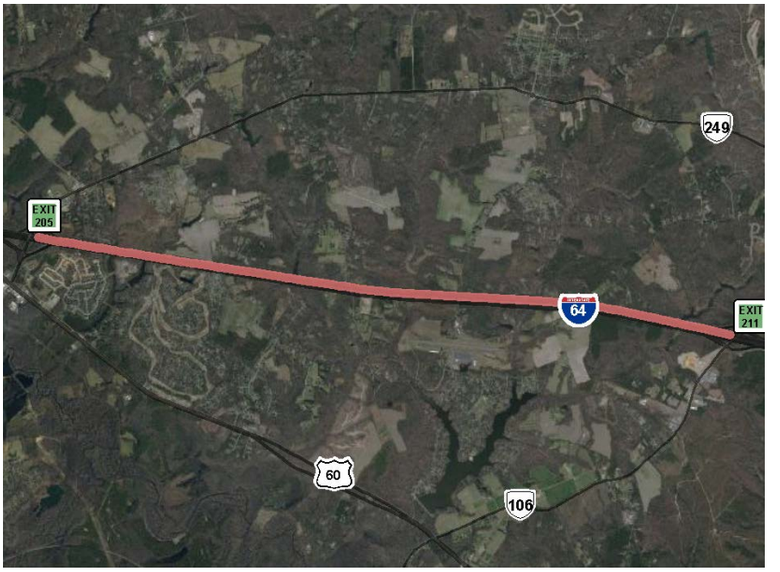
Project Id: 6842

Widening of approximately 5.9 miles of I-64 WB from 2-lanes to 3-lanes (toward the inside), between Exit 211 - Rte. 106 and Exit 205 - Bottoms Bridge. Consistent with the I-64 Tier 1 EIS for the entire I-64 corridor between Richmond and Hampton Roads. This project also includes expansion of the park and ride facility at Bottoms Bridge on Route 60 by adding a second lot with at least 90 new spaces. A soundwall is included between the on-ramp at Exit 205 and the Rte. 665 – Henpeck Rd overpass.

2.9 SMART SCALE SCORE			
	#186 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$75,111,201
		Total Project Cost	$75,111,201
	#36 OF 75 DISTRICTWIDE	**Project Benefit**	22.0
		Project Benefit / Total Cost	2.9

Submitting Entity: Richmond Regional Transportation Planning Organization
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: HPP
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance





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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	1,092.7 persons	275.8 person hrs.	91.3 EPDO	15.5 EPDO / 100M VMT	46.5 jobs per resident	46.6 jobs per resident	176.2 adjusted users	2,427,939.7 adj sq. ft.	1,273,439.9 daily tons	2,264,164,387.9 adj. buffer time index	2,836.9 adjusted points	121.8 impacted acres	0.3 access * pop/emp density.h	0.3 access * pop/emp density change.
Normalized Measure Value (0-100)	58.7	45.2	14.6	0.0	2.7	2.4	7.2	3.9	100.0	21.0	63.8	9.4	0.5	0.5
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	51.9		10.3		3.5			26.5			63.8		0.5	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%	5 (max point reduction)	10%	
Weighted Factor Value	7.8		2.1		0.9			5.3			6.4	-0.5	0.0	
Project Benefit	22.0													
SMART SCALE Cost	$75,111,201													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**2.9**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

A Broad Street Streetscape w/ Pulse BRT Expansion Phase I

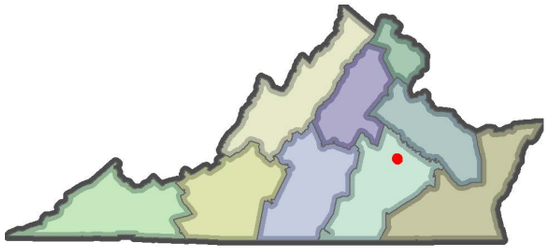
Project Id: 6914

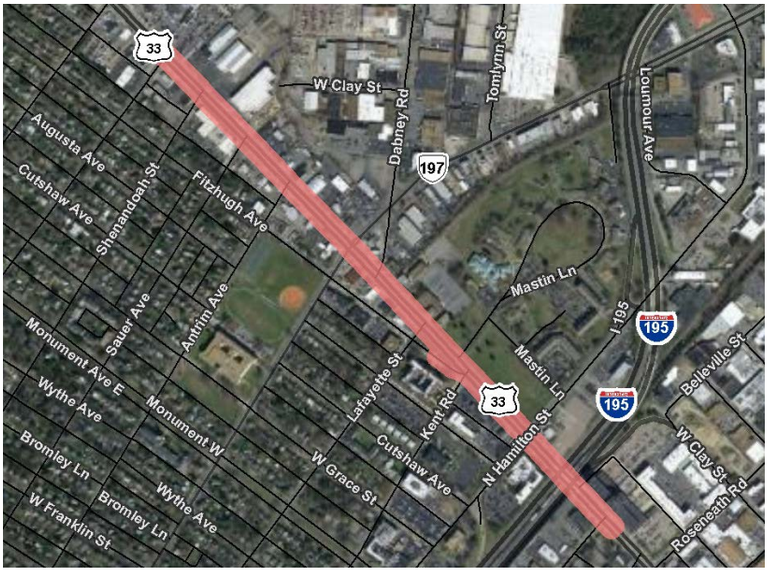
This Broad Street Streetscape w/ Pulse BRT Expansion Phase I project will provide multimodal safety and operational improvements to the 0.5mi stretch of Broad Street from Hamilton Street to Commonwealth Avenue through 2 new BRT curbside stations, sidewalk and ADA accessible ramp improvements, pedestrian crossing improvements, access management, and other streetscape amenities.

8.2 SMART SCALE SCORE			
	#78	OF 397 STATEWIDE	
	#7	OF 75 DISTRICTWIDE	

SMART SCALE Requested Funds	$26,803,183
Total Project Cost	$26,803,183
Project Benefit	21.8
Project Benefit / Total Cost	8.2

Submitting Entity: Richmond Regional Transportation Planning Organization
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: HPP
Evacuation Route: Yes
VTRANS Need: Regional Network





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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	322.3 persons	37.8 person hrs.	134.7 EPDO	33.6 EPDO / 100M VMT	65.6 jobs per resident	64.3 jobs per resident	1,611.6 adjusted users	2,400,123.2 adj sq. ft.	0.0 daily tons	1,803,638,197.1 adj. buffer time index	966.9 adjusted points	9.2 impacted acres	59.5 access * pop/emp density.h	52.2 access * pop/emp density change.
Normalized Measure Value (0-100)	17.3	6.2	21.6	0.1	3.8	3.3	66.2	3.9	0.0	16.7	21.7	0.7	89.9	79.1
Measure Weight (% of Factor)	50%	50%	100%	0%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	11.7		21.6		16.2			5.7			21.7		84.5	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%	5 (max point reduction)	10%	
Weighted Factor Value	1.8		4.3		4.0			1.1			2.2	0.0	8.4	
Project Benefit	21.8													
SMART SCALE Cost	$26,803,183													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**8.2**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

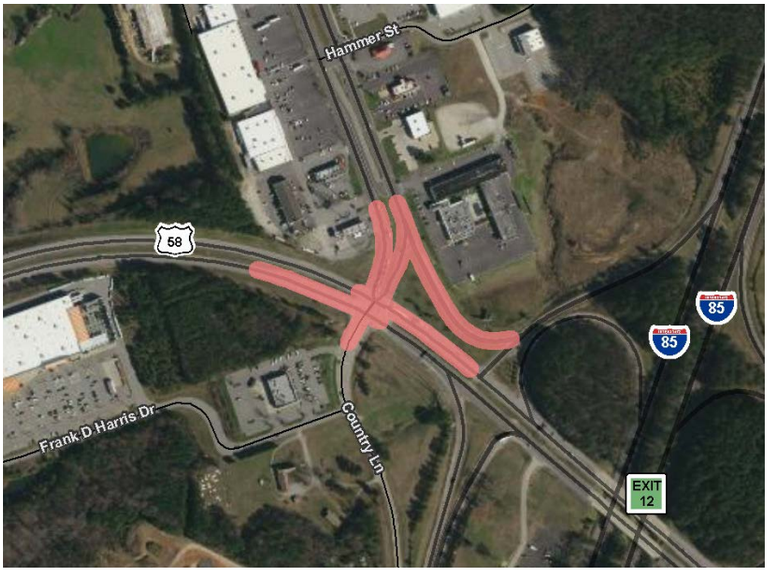
Intersection Improvements - US 58 and Country Ln/Atlantic St

Project Id: 6915

Reconfigure existing traffic signal down to a three-phases for increased efficiency. Permit only through and right-turn movements on US 58. Permit only left and right-turn movements from US 58 BUS. Full movements remain on Country Ln NB. Construct U-turn west of intersection to allow WB US 58 and SB US 58 BUS traffic access to Country Ln. Remove I-85 off ramp on US 58 BUS and install continuous right-turn lane from WB US 58 onto US 58 BUS.

5.9 SMART SCALE SCORE	**#105** OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$5,181,850
		Total Project Cost	$5,757,611
	#13 OF 75 DISTRICTWIDE	**Project Benefit**	3.1
		Project Benefit / Total Cost	5.3

Submitting Entity: South Hill Town
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	0.0 persons	4.2 person hrs.	4.8 EPDO	272.1 EPDO / 100M VMT	3.3 jobs per resident	3.2 jobs per resident	0.0 adjusted users	1,405,316.4 adj sq. ft.	110,780.2 daily tons	10,586,413.4 adj. buffer time index	752.0 adjusted points	0.4 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.7	0.8	0.8	0.2	0.2	0.0	2.3	8.7	0.1	16.9	0.0		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.3		0.8		0.1			3.1			16.9			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		0.2		0.0			1.1			1.7	0.0		
Project Benefit	3.1													
SMART SCALE Cost	$5,181,850													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**5.9**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

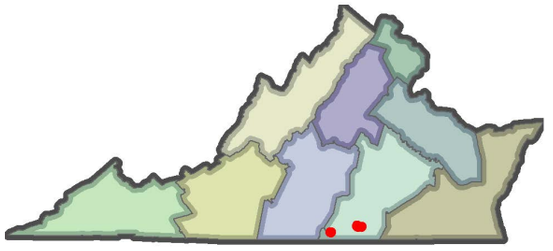
US 58/High St Roundabout and Interparcel Connector

Project Id: 7011

Install a multi-lane roundabout (two lanes for E/W movements along 58 and 1 lane for N/S movements) at the intersection of US 58 and High Street and construct a new roadway connecting Cycle Lane to High Street. Such improvements will increase safety, help preserve capacity on US 58, and promote better connectivity within the road network.

1.9 SMART SCALE SCORE	**#247** OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$12,180,461
		Total Project Cost	$13,533,846
	#49 OF 75 DISTRICTWIDE	**Project Benefit**	2.4
		Project Benefit / Total Cost	1.7

Submitting Entity: South Hill Town
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	0.0 persons	1.1 person hrs.	6.4 EPDO	958.7 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	379,864.1 adj sq. ft.	0.0 daily tons	894,509.5 adj. buffer time index	855.0 adjusted points	41.9 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.2	1.0	2.7	0.0	0.0	0.0	0.6	0.0	0.0	19.2	3.2		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.1		1.5		0.0			0.4			19.2			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		0.5		0.0			0.1			1.9	-0.2		
Project Benefit	2.4													
SMART SCALE Cost	$12,180,461													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.9**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

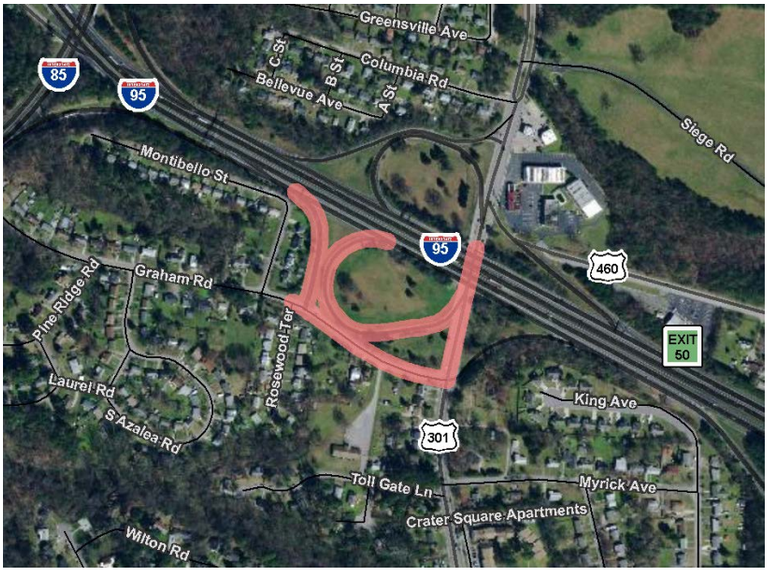
I-85 NB to I-95 SB - Tri-Cities MPO HB2 Priority 1

Project Id: 6670

Reconstruct the SB I-95 to I-85 off-ramp in the vicinity of Graham Rd to ensure adequate weave distance and improve operations. Remove Graham Rd off-ramp and SB Crater Rd to CD Rd loop and construct a 236-space park & and ride lot with 15 bike parking spaces within VDOT's vacated Graham Road off-ramp/SB Crater Rd loop ramp. Acquire ROW and construct new off ramp from CD Rd to Crater Rd with signal at end of ramp. Relocate Graham Rd/Crater Rd intersection slightly north and add SB left turn lane.

2.0 SMART SCALE SCORE	**#241** OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$44,600,974
		Total Project Cost	$44,600,974
	#47 OF 75 DISTRICTWIDE	**Project Benefit**	8.9
		Project Benefit / Total Cost	2.0

Submitting Entity: Tri-Cities Area Metropolitan Planning Organization
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: HPP
Evacuation Route: No
VTRANS Need: Corridor of Statewide Significance



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	168.8 persons	64.9 person hrs.	10.4 EPDO	1.1 EPDO / 100M VMT	129.6 jobs per resident	167.3 jobs per resident	364.9 adjusted users	134,229.8 adj sq. ft.	14,287.2 daily tons	12,133,973.6 adj. buffer time index	2,131.9 adjusted points	15.9 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	9.1	10.6	1.7	0.0	7.5	8.5	15.0	0.2	1.1	0.1	47.9	1.2		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	9.8		1.2		9.2			0.4			47.9			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	1.5		0.3		2.3			0.1			4.8	-0.1		
Project Benefit	8.9													
SMART SCALE Cost	$44,600,974													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**2.0**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

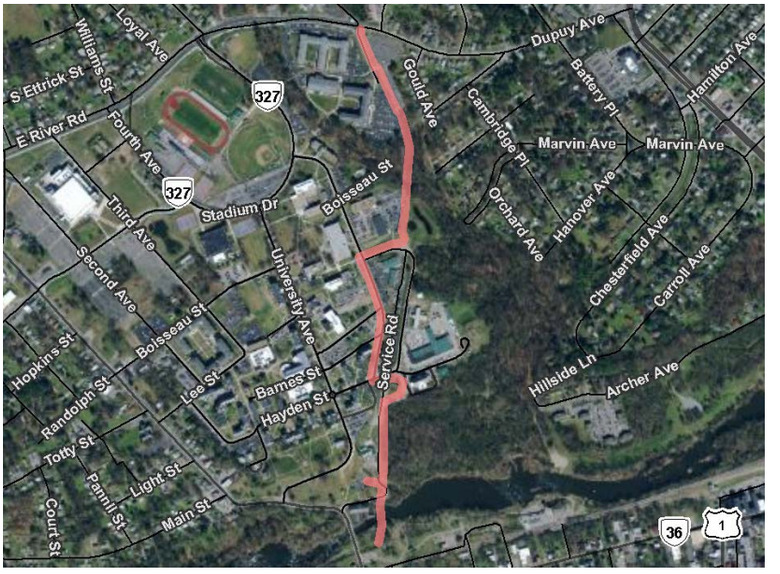
A-to-P Trail, River Rd through VSU to Patton Pk & ART Trail

Project Id: 6695

Ashland to Petersburg Trail Segment 1A of the ATP Study: River Road through Virginia State University to Patton Park to Appomattox River Trailhead in Petersburg using VSU and City property. Includes 4,900 foot 10' wide multi-use trail with two bike/ped bridges (Fleets Branch, Appomattox River/Canal) and 200 foot 10' wide multi-use trail stub from ATP Trail to east edge of VSU property (to connect to the future CHART Trail extension).

0.2 SMART SCALE SCORE	**#370** OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$15,661,145
		Total Project Cost	$15,661,145
	#72 OF 75 DISTRICTWIDE	**Project Benefit**	0.3
		Project Benefit / Total Cost	0.2

Submitting Entity: Tri-Cities Area Metropolitan Planning Organization
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: HPP
Evacuation Route: No
VTRANS Need: Regional Network



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	27.0 persons	0.0 person hrs.	0.0 EPDO	0.0 EPDO / 100M VMT	6.6 jobs per resident	8.6 jobs per resident	81.0 adjusted users	117,364.8 adj sq. ft.	0.0 daily tons	0.0 adj. buffer time index	0.0 adjusted points	17.3 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	1.4	0.0	0.0	0.0	0.4	0.4	3.3	0.2	0.0	0.0	0.0	1.3		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.7		0.0		1.0			0.1			0.0			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.1		0.0		0.2			0.0			0.0	-0.1		
Project Benefit	0.3													
SMART SCALE Cost	$15,661,145													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.2**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

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SALEM DISTRICT

FY 2022

SCORECARDS

Commonwealth Transportation Board
Office of Intermodal Planning and Investment
Virginia Department of Transportation
Virginia Department of Rail and Public Transportation

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

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

Display Id	Project Name	Organization	District Rank	State Rank	Page #
6698	Downtown Salem - College Avenue Improvements	Salem City	1	23	08-53
6700	DOWNTOWN SALEM - MARKET STREET INTERSECTION IMPROVEMENTS	Salem City	2	26	08-55
6776	Route 100 Safety Improvements	Giles County	3	27	08-19
6699	APPERSON DRIVE (RT 11) AND ORCHARD INTERSECTION IMPROVEMENTS	Salem City	4	36	08-54
7118	Route 460 Intersections from Carson Rd. to Huntridge Rd.	Roanoke Valley Transportation Planning Organization	5	45	08-49
6799	I-81/Route 8 (Exit 114) Park & Ride Lot	New River Valley Metropolitan Planning Organization	6	50	08-30
6967	Starkey Road/Buck Mountain Road Intersection Improvements	Roanoke County	7	56	08-45
6687	Valley View Blvd / Aviation Drive Pedestrian Improvements	Roanoke City	8	57	08-39
6866	Route 460 (Orange Ave) Improvements near Blue Hills Drive	Roanoke City	9	65	08-40
6727	Walnut Avenue Corridor Improvements Phase 3 Project	Vinton Town	10	70	08-56
6826	Valleypointe Parkway Realignment	Roanoke County	11	71	08-43
6977	Route 460 (Orange Ave) Improvements at King Street	Roanoke City	12	81	08-41
7054	Newbern Road/Cougar Trail Intersection Improvements	New River Valley Regional Commission	13	90	08-33
6697	ROANOKE RIVER GREENWAY GOLDEN SPIKE	Salem City	14	93	08-52
7085	Market and Moss Street Pedestrian Safety Project	Martinsville City	15	98	08-25
7009	Route 460 (Orange Ave) Improvements Seibel Dr/ Hickory Woods	Roanoke City	16	102	08-42
7059	Improvement to US 58 Business and Dogwood Drive Intersection	West Piedmont Planning District Commission	17	106	08-59
7117	Route 460 at West Ruritan Road Intersection Improvements	Roanoke Valley Transportation Planning Organization	18	108	08-48
6956	Route 419 Streetscape Improvements, Phase 2	Roanoke County	19	114	08-44
6879	Roadway Improvements on Rtes 220/613 (Naff Road)	Roanoke Valley-Alleghany Regional Commission	20	122	08-50
6928	Intersection Improvements to Bonbrook Mill (Rte 635)/Rte 220	Franklin County	21	133	08-13
7092	Southbound Route 11 Safety Improvements at Warden Court	Pulaski County	22	142	08-38
6657	Orange Avenue Improvements	Roanoke Valley Transportation Planning Organization	23	148	08-47

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

Display Id	Project Name	Organization	District Rank	State Rank	Page #
6742	N. Franklin Street - Depot Street Intersection Improvements	Christiansburg Town	24	153	08-09
7161	Signal Modification Route 58 Food City Intersection	Galax City	25	155	08-18
7095	US460/Laymantown Road Intersection Improvement	Botetourt County	26	166	08-05
7153	US 460 & Route 811 Intersection Improvements	Central Virginia Metropolitan Planning Organization	27	168	08-07
6979	Blackwater Road (668) at Route 460 Intersection Improvements	Bedford County	28	172	08-01
7109	Salem Hwy and Ashby Dr Intersection Safety Improvement	Patrick County	29	176	08-34
7084	Route 11 Traffic Improvements Project - Pulaski County	Pulaski County	30	196	08-37
6907	US 220 and Iron Ridge Rd Intersection Improvements	West Piedmont Planning District Commission	31	210	08-57
7083	Rte 11/Rte 114 Intersection Improvements Project	Pulaski County	32	211	08-36
7185	US 460 & Timber Ridge Rd (SR 803) Intersection Improvements	Central Virginia Planning District Commission	33	230	08-08
7080	Route 11/Kroger Turn Lane Improvements - Pulaski County	Pulaski County	34	231	08-35
6835	U. S. Rte 460 Cascade Drive Intersection Improvements	Giles County	35	237	08-20
7077	Signalized Continuous Green T at the Int. of Routes 220 & 87	Henry County	36	261	08-22
7057	Route 460 and Alt. Route 220 Intersection Improvements	Roanoke County	37	270	08-46
6891	I-581 at Exit 2 Interchange Improvements	Roanoke Valley-Alleghany Regional Commission	38	274	08-51
6800	I-81/Route 8 (Exit 114) Interchange Improvements	New River Valley Metropolitan Planning Organization	39	276	08-31
7051	Carroll County High School Sidewalk Project	Carroll County	40	278	08-06
6969	Parkway Drive Extension	Christiansburg Town	41	281	08-11
7094	Pedestrian Improvements-Prices Fork/ Peppers Ferry	Montgomery County	42	293	08-29
6660	Route 220 Superstreet Improvement	Botetourt County	43	299	08-04
7093	Prices Fork/ Peppers Ferry Turn Lane Improvements	Montgomery County	44	318	08-28
7105	N Franklin - Elm to Depot, Lighting and Pedestrian	Christiansburg Town	45	321	08-12
7062	Intersection Improvements Lakemount Rd (Rte 1235) & Rte 122	Franklin County	46	328	08-15
6857	Intersection Improvements at Route 460/637	Montgomery County	47	329	08-27
6985	Route 122 at Route 24 Intersection Safety Improvements	Bedford County	48	341	08-03

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

Display Id	Project Name	Organization	District Rank	State Rank	Page #
6971	Town of Stuart Pedestrian Improvement	West Piedmont Planning District Commission	49	348	08-58
6743	Peppers Ferry Road to Cambria Street Connector Route	Christiansburg Town	50	349	08-10
7056	E. Stuart Drive Sidewalk Project - Phase I	Galax City	51	350	08-17
7015	Martinsville - Focus Area 3: Ailcie Street to Pine Hall Rd.	Martinsville City	52	356	08-23
7052	NBL Route 220 Relocation	Henry County	53	358	08-21
7068	Intersection Improvements Harmony School Rte 634 & Rte 122	Franklin County	54	360	08-16
7039	Martinsville - Focus Area 1: Albert Harris Ele.	Martinsville City	55	361	08-24
6983	Route 221 Sidewalk Improvements	Bedford County	56	363	08-02
6704	Route 8 Widening and Improvements	Montgomery County	57	369	08-26
7026	Realign Rte 220 NB at Henry Rd(Rte 605)/Rte 220 Intersection	Franklin County	58	373	08-14
7189	Route 460 Widening and Operational Improvements	New River Valley Metropolitan Planning Organization	59	377	08-32

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SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

Blackwater Road (668) at Route 460 Intersection Improvements

Project Id: 6979

Safety and access management improvements

3.4 SMART SCALE SCORE	#172 OF 397 STATEWIDE	SMART SCALE Requested Funds	$6,034,137
		Total Project Cost	$6,034,137
	#28 OF 59 DISTRICTWIDE	Project Benefit	2.0
		Project Benefit / Total Cost	3.4

Submitting Entity: Bedford County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance

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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	0.0 persons	0.0 person hrs.	39.6 EPDO	4,372.5 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	11,771.8 adj sq. ft.	0.0 daily tons	1,031,408.2 adj. buffer time index	0.0 adjusted points	0.0 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	6.3	12.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.0		8.1		0.0			0.0			0.0			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		2.0		0.0			0.0			0.0	0.0		
Project Benefit	2.0													
SMART SCALE Cost	$6,034,137													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**3.4**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

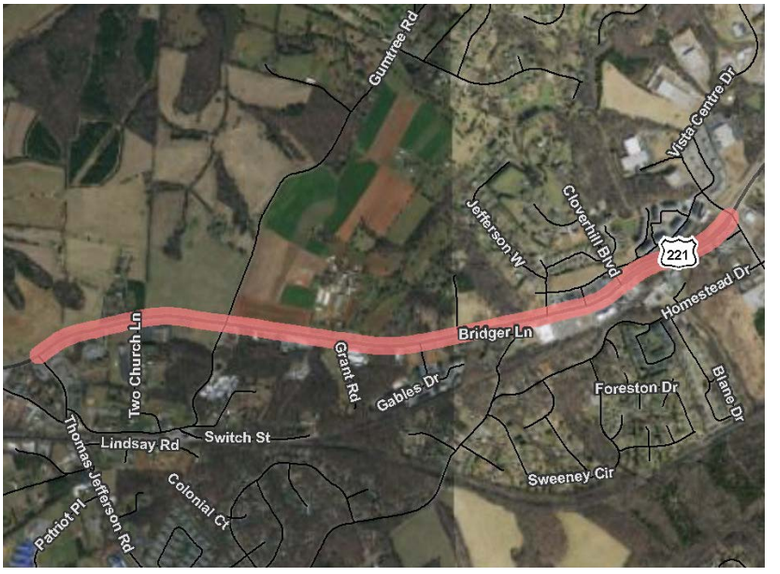
Route 221 Sidewalk Improvements

Project Id: 6983

Install sidewalks to bridge a 2-mile gap between 2 segments currently funded for design/construction under UPC107063, from Route 811 Thomas Jefferson Road to Route 1415 Enterprise Drive.

0.3 SMART SCALE SCORE			
	#363 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$10,376,905
		Total Project Cost	$10,376,905
	#56 OF 59 DISTRICTWIDE	**Project Benefit**	0.3
		Project Benefit / Total Cost	0.3

Submitting Entity: Bedford County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: Yes
VTRANS Need: Regional Network



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	17.8 persons	0.0 person hrs.	0.0 EPDO	0.0 EPDO / 100M VMT	4.7 jobs per resident	3.9 jobs per resident	26.7 adjusted users	754,763.7 adj sq. ft.	0.0 daily tons	0.0 adj. buffer time index	0.0 adjusted points	25.7 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	1.0	0.0	0.0	0.0	0.3	0.2	1.1	1.2	0.0	0.0	0.0	2.0		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.5		0.0		0.4			0.7			0.0			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.1		0.0		0.1			0.2			0.0	-0.1		
Project Benefit	0.3													
SMART SCALE Cost	$10,376,905													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.3**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

Route 122 at Route 24 Intersection Safety Improvements

Project Id: 6985

Construction of a roundabout at the intersection of Route 122 and Route 24.

0.5 SMART SCALE SCORE	#341 OF 397 STATEWIDE	SMART SCALE Requested Funds	$9,848,117
		Total Project Cost	$9,848,117
	#48 OF 59 DISTRICTWIDE	Project Benefit	0.5
		Project Benefit / Total Cost	0.5

Submitting Entity: Bedford County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: DGP
Evacuation Route: No
VTRANS Need: Safety (non-CoSS)

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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	0.0 persons	3.8 person hrs.	3.6 EPDO	1,267.7 EPDO / 100M VMT	3.2 jobs per resident	2.4 jobs per resident	0.0 adjusted users	168,790.0 adj sq. ft.	0.0 daily tons	170,385.2 adj. buffer time index	0.0 adjusted points	0.1 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.6	0.6	3.6	0.2	0.1	0.0	0.3	0.0	0.0	0.0	0.0		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.3		1.5		0.1			0.2			0.0			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		0.4		0.0			0.0			0.0	0.0		
Project Benefit	0.5													
SMART SCALE Cost	$9,848,117													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.5**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

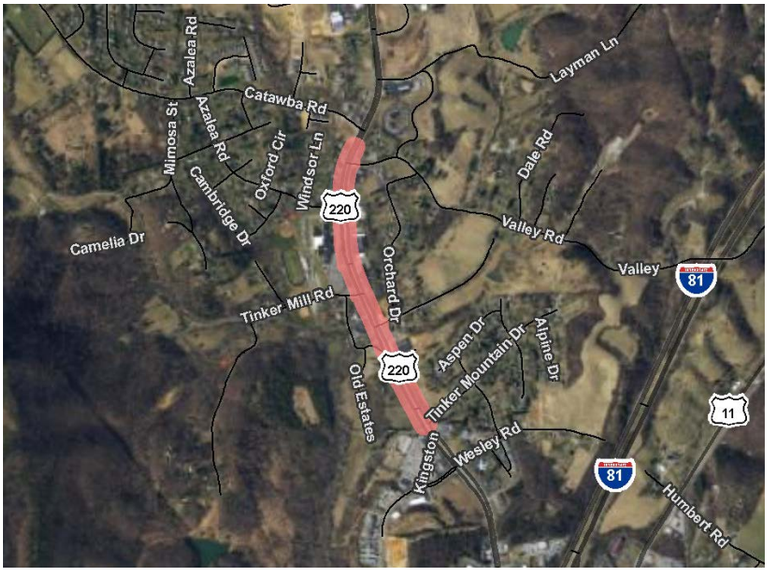
Route 220 Superstreet Improvement

Project Id: 6660

Convert crossovers along the Route 220 Corridor in Daleville to RCUT's to provide a superstreet concept.

1.0 SMART SCALE SCORE	**#299** OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$11,412,482
		Total Project Cost	$14,412,482
	#43 OF 59 DISTRICTWIDE	**Project Benefit**	1.2
		Project Benefit / Total Cost	0.8

Submitting Entity: Botetourt County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	0.0 persons	0.0 person hrs.	28.6 EPDO	902.1 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	62,525.9 adj sq. ft.	0.0 daily tons	9,397,404.7 adj. buffer time index	0.0 adjusted points	2.9 impacted acres	2.6 access * pop/emp density.h	2.2 access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	4.6	2.5	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.2	3.9	3.3
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	0.0		4.0		0.0			0.1			0.0		3.6	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%	5 (max point reduction)	10%	
Weighted Factor Value	0.0		0.8		0.0			0.0			0.0	0.0	0.4	
Project Benefit	1.2													
SMART SCALE Cost	$11,412,482													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.0**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

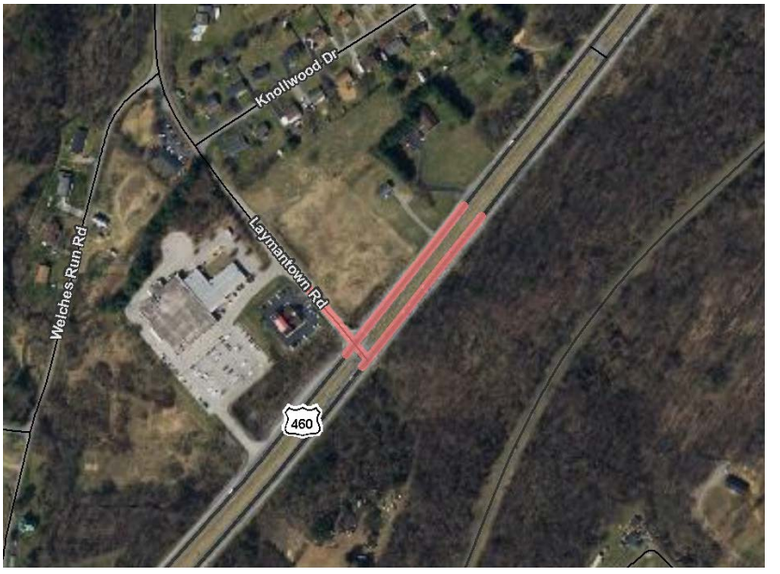
US460/Laymantown Road Intersection Improvement

Project Id: 7095

The project will add a turn lane from US 460 onto Laymantown Road in order to increase the capacity and safety of the intersection.

3.5 SMART SCALE SCORE			
	#166 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$7,623,347
		Total Project Cost	$7,623,347
	#26 OF 59 DISTRICTWIDE	**Project Benefit**	2.6
		Project Benefit / Total Cost	3.5

Submitting Entity: Botetourt County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: DGP
Evacuation Route: Yes
VTRANS Need: Safety (non-CoSS)



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	0.0 persons	0.1 person hrs.	6.9 EPDO	494.3 EPDO / 100M VMT	0.1 jobs per resident	0.1 jobs per resident	0.0 adjusted users	200,098.7 adj sq. ft.	175,165.8 daily tons	1,680,745.3 adj. buffer time index	628.0 adjusted points	10.3 impacted acres	2.8 access * pop/emp density.h	3.0 access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	1.1	1.4	0.0	0.0	0.0	0.3	13.8	0.0	14.1	0.8	4.3	4.5
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	0.0		1.2		0.0			2.9			14.1		4.4	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%	5 (max point reduction)	10%	
Weighted Factor Value	0.0		0.2		0.0			0.6			1.4	0.0	0.4	
Project Benefit	2.6													
SMART SCALE Cost	$7,623,347													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**3.5**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

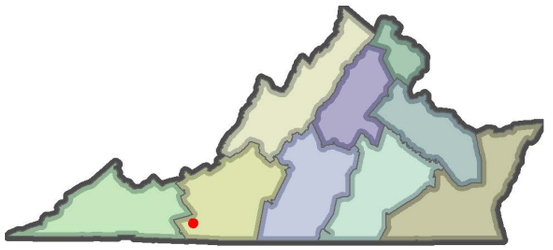
Carroll County High School Sidewalk Project

Project Id: 7051

Continue the pedestrian corridor from high school to Town of Hillsville by providing a raised pedestrian island for the crossing on Rt 58 from high school to athletic training field and a hard surfaced pedestrian accommodation along Rt. 58.

1.3 SMART SCALE SCORE			
	#278 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$4,307,900
		Total Project Cost	$4,307,900
	#40 OF 59 DISTRICTWIDE	**Project Benefit**	0.5
		Project Benefit / Total Cost	1.3

Submitting Entity: Carroll County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: No
VTRANS Need: Corridor of Statewide Significance



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	11.8 persons	0.0 person hrs.	3.3 EPDO	1,483.6 EPDO / 100M VMT	1.7 jobs per resident	1.7 jobs per resident	17.7 adjusted users	0.0 adj sq. ft.	0.0 daily tons	830,574.8 adj. buffer time index	0.0 adjusted points	1.3 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.6	0.0	0.5	4.2	0.1	0.1	0.7	0.0	0.0	0.0	0.0	0.1		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.3		1.6		0.2			0.0			0.0			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		0.5		0.0			0.0			0.0	0.0		
Project Benefit	0.5													
SMART SCALE Cost	$4,307,900													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.3**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

US 460 & Route 811 Intersection Improvements

Project Id: 7153

This project will increase safety and mainline throughput by re-configuring the intersection to an RCUT with loons to the east and west on US 460 to accommodate U-turns.

3.4 SMART SCALE SCORE	#168 OF 397 STATEWIDE	SMART SCALE Requested Funds	$10,771,883
		Total Project Cost	$10,771,883
	#27 OF 59 DISTRICTWIDE	Project Benefit	3.7
		Project Benefit / Total Cost	3.4

Submitting Entity: Central Virginia Metropolitan Planning Organization
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: HPP
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance

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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	0.0 persons	6.0 person hrs.	49.2 EPDO	2,546.1 EPDO / 100M VMT	4.3 jobs per resident	4.2 jobs per resident	0.0 adjusted users	80,681.3 adj sq. ft.	93,619.6 daily tons	2,174,869.4 adj. buffer time index	572.0 adjusted points	4.3 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	1.0	7.9	7.1	0.2	0.2	0.0	0.1	7.4	0.0	12.9	0.3		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.5		7.7		0.2			1.6			12.9			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.1		1.9		0.0			0.4			1.3	0.0		
Project Benefit	3.7													
SMART SCALE Cost	$10,771,883													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**3.4**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

US 460 & Timber Ridge Rd (SR 803) Intersection Improvements

Project Id: 7185

Realign Timber Ridge Road (Route 803) at the intersection with U.S. Route 460 to provide safe sight distances for all approaches, widen the outside shoulder of westbound U.S. Route 460 to prevent run-off road crashes in the curve, and install a westbound left turn lane to provide a safe U-turn.

2.1 SMART SCALE SCORE	#230 OF 397 STATEWIDE	SMART SCALE Requested Funds	$7,426,363
		Total Project Cost	$7,426,363
	#33 OF 59 DISTRICTWIDE	Project Benefit	1.6
		Project Benefit / Total Cost	2.1

Submitting Entity: Central Virginia Planning District Commission
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: HPP
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance

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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	0.0 persons	0.0 person hrs.	12.9 EPDO	946.7 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	0.0 adj sq. ft.	0.0 daily tons	2,046,947.9 adj. buffer time index	452.0 adjusted points	0.6 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	2.1	2.7	0.0	0.0	0.0	0.0	0.0	0.0	10.2	0.0		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.0		2.2		0.0			0.0			10.2			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		0.6		0.0			0.0			1.0	0.0		
Project Benefit	1.6													
SMART SCALE Cost	$7,426,363													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**2.1**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE | Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

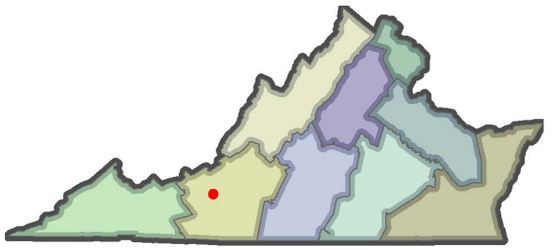
N. Franklin Street - Depot Street Intersection Improvements

Project Id: 6742

Improve safety on Depot St / N Franklin St and Depot St / College St by adding pedestrian facilities and reconfiguring turn lanes at both intersections; N Franklin St will be reconfigured from two thru lanes in both direction to one thru line in both directions with a central turn lane and College St will be converted to right-in-right out only configuration.

3.8 SMART SCALE SCORE			
	#153 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$5,086,968
		Total Project Cost	$5,086,968
	#24 OF 59 DISTRICTWIDE	**Project Benefit**	1.9
		Project Benefit / Total Cost	3.8

Submitting Entity: Christiansburg Town
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	44.6 persons	6.9 person hrs.	24.3 EPDO	49.4 EPDO / 100M VMT	3.9 jobs per resident	3.1 jobs per resident	222.8 adjusted users	459,564.7 adj sq. ft.	1,262.9 daily tons	126,170,634.3 adj. buffer time index	133.7 adjusted points	0.0 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	2.4	1.1	3.9	0.1	0.2	0.2	9.2	0.7	0.1	1.2	3.0	0.0		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	1.8		2.8		2.0			0.7			3.0			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.3		0.7		0.5			0.2			0.3	0.0		
Project Benefit	1.9													
SMART SCALE Cost	$5,086,968													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**3.8**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

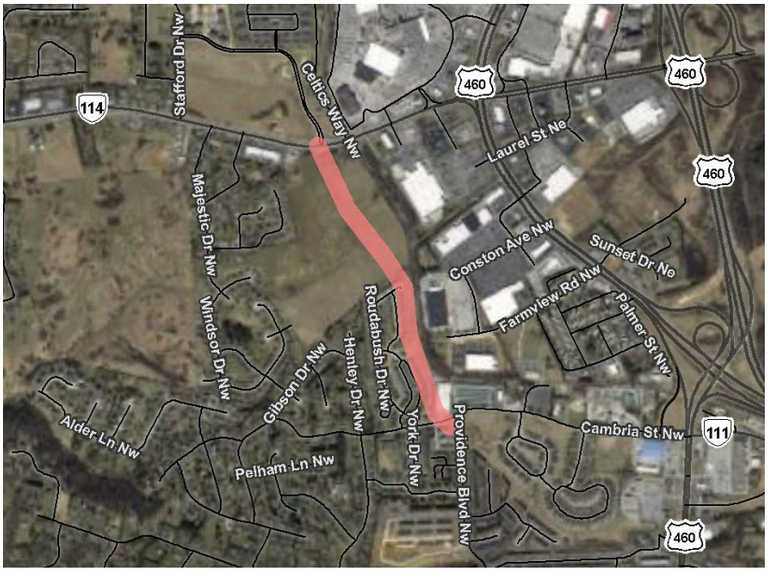
Peppers Ferry Road to Cambria Street Connector Route

Project Id: 6743

New multi-modal local connector route between Peppers Ferry Road (Va Rte. 114), N.W. and Cambria Street, N.W.

0.4 SMART SCALE SCORE	#349 OF 397 STATEWIDE	SMART SCALE Requested Funds	$29,159,938
		Total Project Cost	$29,159,938
	#50 OF 59 DISTRICTWIDE	Project Benefit	1.2
		Project Benefit / Total Cost	0.4

Submitting Entity: Christiansburg Town
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: No
VTRANS Need: Regional Network



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	25.6 persons	4.2 person hrs.	0.0 EPDO	0.0 EPDO / 100M VMT	85.0 jobs per resident	47.4 jobs per resident	5.6 adjusted users	841,608.6 adj sq. ft.	320.9 daily tons	0.0 adj. buffer time index	5.6 adjusted points	0.7 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	1.4	0.7	0.0	0.0	4.9	2.4	0.2	1.4	0.0	0.0	0.1	0.1		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	1.0		0.0		3.5			0.8			0.1			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.2		0.0		0.9			0.2			0.0	0.0		
Project Benefit	1.2													
SMART SCALE Cost	$29,159,938													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.4**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

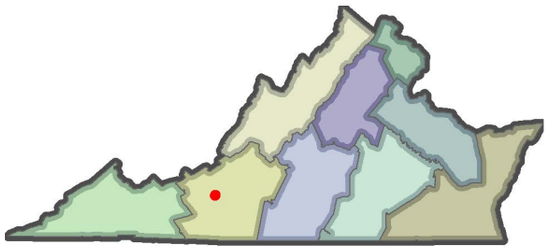
PROJECT SCORECARD

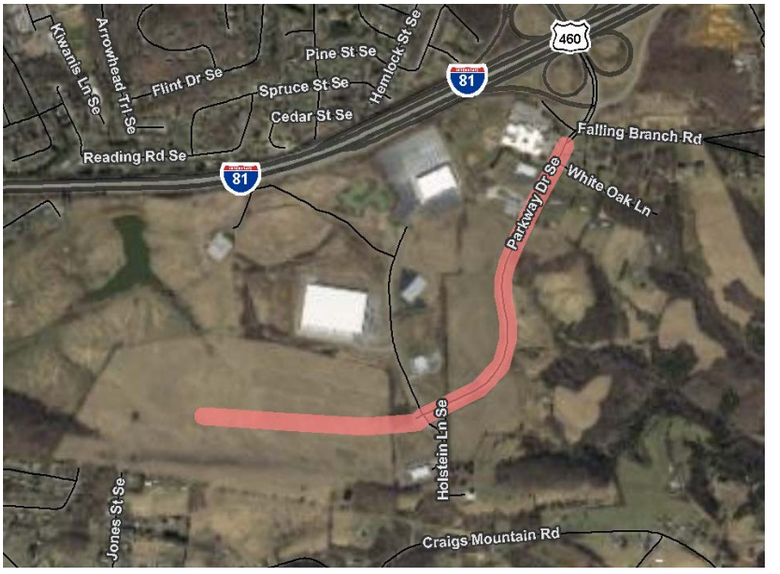
Parkway Drive Extension — Project Id: 6969

Parkway Drive Extension is an approximately half-mile two lane road extension with a multi-use trail from Technology Dr. which expands access to economic development. The multi-use trail extends from Technology Dr. to Falling Branch Elem. School.

1.3 SMART SCALE SCORE			
	#281 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$9,226,794
		Total Project Cost	$9,226,794
	#41 OF 59 DISTRICTWIDE	**Project Benefit**	1.2
		Project Benefit / Total Cost	1.3

Submitting Entity: Christiansburg Town
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: No
VTRANS Need: Regional Network





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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	3.2 persons	0.0 person hrs.	0.0 EPDO	0.0 EPDO / 100M VMT	2.3 jobs per resident	0.9 jobs per resident	9.7 adjusted users	4,463,667.9 adj sq. ft.	0.0 daily tons	0.0 adj. buffer time index	13.0 adjusted points	0.3 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.2	0.0	0.0	0.0	0.1	0.0	0.4	7.2	0.0	0.0	0.3	0.0		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.1		0.0		0.2			4.3			0.3			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		0.0		0.0			1.1			0.0	0.0		
Project Benefit	1.2													
SMART SCALE Cost	$9,226,794													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.3**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

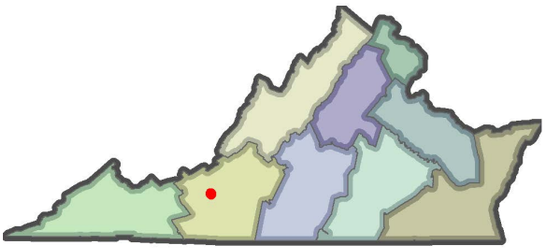
N Franklin - Elm to Depot, Lighting and Pedestrian

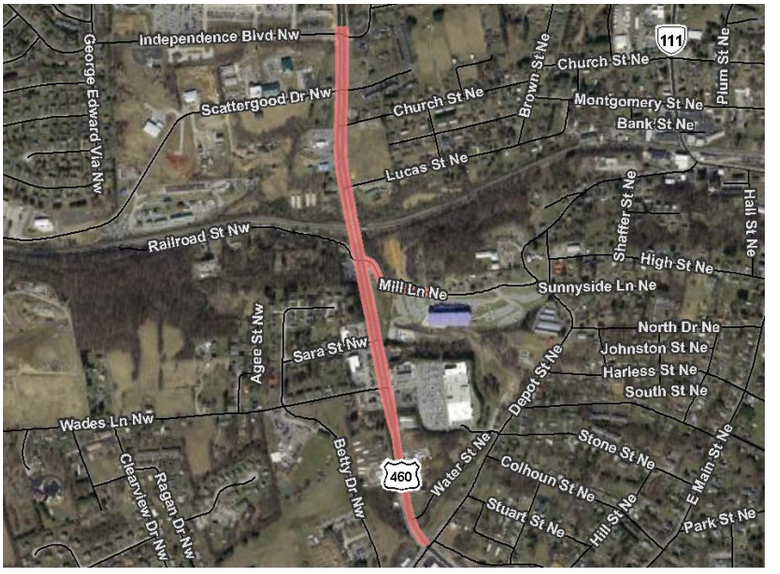
Project Id: 7105

Project includes installation of sidewalk and curb & Gutter from Elm St. to Mill Ln. and sidewalk infill from Mill Ln. toward Depot St. Lighting is also proposed along the corridor to improve pedestrian and vehicle safety. The project begins at the existing Independence Blvd. intersection with N. Franklin Street and ends at Depot St. intersection with N. Franklin Street.

0.8 SMART SCALE SCORE			
	#321 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$5,234,175
		Total Project Cost	$5,234,175
	#45 OF 59 DISTRICTWIDE	**Project Benefit**	0.4
		Project Benefit / Total Cost	0.8

Submitting Entity: Christiansburg Town
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: No
VTRANS Need: Corridor of Statewide Significance





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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	20.7 persons	0.0 person hrs.	3.6 EPDO	46.0 EPDO / 100M VMT	5.4 jobs per resident	5.5 jobs per resident	31.1 adjusted users	458,547.1 adj sq. ft.	0.0 daily tons	0.0 adj. buffer time index	0.0 adjusted points	6.7 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	1.1	0.0	0.6	0.1	0.3	0.3	1.3	0.7	0.0	0.0	0.0	0.5		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.6		0.4		0.5			0.4			0.0			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.1		0.1		0.1			0.1			0.0	0.0		
Project Benefit	0.4													
SMART SCALE Cost	$5,234,175													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.8**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

Intersection Improvements to Bonbrook Mill (Rte 635)/Rte 220

Project Id: 6928

Intersection and roadway improvements at Bonbrook Mill Road (Route 635) and Route 220 to construct an Unsignalized Continuous Green-T with acceleration going south on Route 220

4.5 SMART SCALE SCORE	**#133** OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$6,342,292
		Total Project Cost	$6,342,292
	#21 OF 59 DISTRICTWIDE	**Project Benefit**	2.9
		Project Benefit / Total Cost	4.5

Submitting Entity: Franklin County
Preliminary Engineering: Not Started
Right of Way: Not Needed
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance

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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	0.0 persons	6.9 person hrs.	8.7 EPDO	532.2 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	133,224.4 adj sq. ft.	0.0 daily tons	3,249,346.6 adj. buffer time index	1,044.0 adjusted points	0.6 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	1.1	1.4	1.5	0.0	0.0	0.0	0.2	0.0	0.0	23.5	0.0		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.6		1.4		0.0			0.1			23.5			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.1		0.4		0.0			0.0			2.3	0.0		
Project Benefit	2.9													
SMART SCALE Cost	$6,342,292													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**4.5**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

Realign Rte 220 NB at Henry Rd(Rte 605)/Rte 220 Intersection

Project Id: 7026

Realignment of Rte 220 Northbound at the intersection with Henry Rd (Rte 605) to improve the horizontal and vertical curves to reduce run off road crashes.

0.2 SMART SCALE SCORE	**#373** OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$14,964,152
		Total Project Cost	$14,964,152
	#58 OF 59 DISTRICTWIDE	**Project Benefit**	0.3
		Project Benefit / Total Cost	0.2

Submitting Entity: Franklin County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance

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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	0.0 persons	0.0 person hrs.	5.9 EPDO	331.1 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	0.0 adj sq. ft.	0.0 daily tons	373,500.2 adj. buffer time index	0.0 adjusted points	0.5 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	0.9	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.0		0.9		0.0			0.0			0.0			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		0.3		0.0			0.0			0.0	0.0		
Project Benefit	0.3													
SMART SCALE Cost	$14,964,152													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.2**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

Intersection Improvements Lakemount Rd (Rte 1235) & Rte 122

Project Id: 7062

The construction of a roundabout at the intersection of Lakemount Road (Route 1235) and Booker T. Washington Highway (Route 122)

0.7 SMART SCALE SCORE	#328 OF 397 STATEWIDE	SMART SCALE Requested Funds	$9,173,830
		Total Project Cost	$9,173,830
	#46 OF 59 DISTRICTWIDE	Project Benefit	0.6
		Project Benefit / Total Cost	0.7

Submitting Entity: Franklin County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: DGP
Evacuation Route: No
VTRANS Need: Urban Development Area

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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	0.0 persons	0.0 person hrs.	8.0 EPDO	1,131.5 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	358,152.5 adj sq. ft.	0.0 daily tons	678,745.9 adj. buffer time index	0.0 adjusted points	8.4 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	1.3	3.2	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.7		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.0		1.9		0.0			0.3			0.0			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		0.6		0.0			0.1			0.0	0.0		
Project Benefit	0.6													
SMART SCALE Cost	$9,173,830													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.7**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

Intersection Improvements Harmony School Rte 634 & Rte 122

Project Id: 7068

Realignment of Route 122 and construction of a left turn lane on Route 122 at the intersection of Harmony School Road (Route 634) and Booker T. Washington Highway (Route 122).

0.3 SMART SCALE SCORE	#360 OF 397 STATEWIDE	SMART SCALE Requested Funds	$13,544,144
		Total Project Cost	$13,544,144
	#54 OF 59 DISTRICTWIDE	Project Benefit	0.4
		Project Benefit / Total Cost	0.3

Submitting Entity: Franklin County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: DGP
Evacuation Route: No
VTRANS Need: Safety (non-CoSS)

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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	0.0 persons	0.0 person hrs.	2.2 EPDO	311.8 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	825,209.7 adj sq. ft.	0.0 daily tons	368,260.4 adj. buffer time index	0.0 adjusted points	3.0 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	0.4	0.9	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.2		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.0		0.5		0.0			0.8			0.0			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		0.2		0.0			0.3			0.0	0.0		
Project Benefit	0.4													
SMART SCALE Cost	$13,544,144													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.3**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

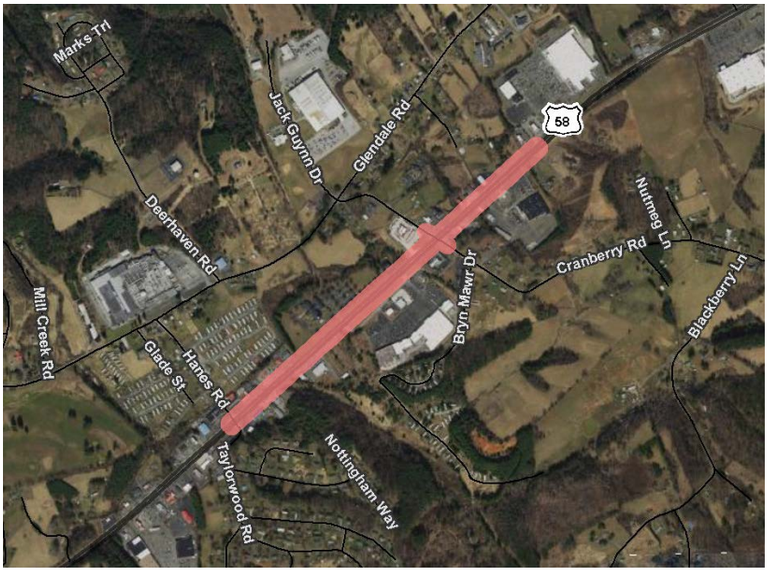
E. Stuart Drive Sidewalk Project - Phase I

Project Id: 7056

Construction of approximately 5,000 feet of new sidewalks along US 58 improving major intersections with signalized legs for pedestrian controls and ADA curb-cut ramps to create access and safe walking while stimulating economic growth.

0.4 SMART SCALE SCORE			
	#350 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$5,236,870
		Total Project Cost	$5,236,870
	#51 OF 59 DISTRICTWIDE	**Project Benefit**	0.2
		Project Benefit / Total Cost	0.4

Submitting Entity: Galax City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: No
VTRANS Need: Corridor of Statewide Significance



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	15.8 persons	0.0 person hrs.	0.0 EPDO	0.0 EPDO / 100M VMT	10.8 jobs per resident	15.2 jobs per resident	23.8 adjusted users	211,065.9 adj sq. ft.	0.0 daily tons	0.0 adj. buffer time index	0.0 adjusted points	0.3 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.9	0.0	0.0	0.0	0.6	0.8	1.0	0.3	0.0	0.0	0.0	0.0		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.4		0.0		0.7			0.2			0.0			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		0.0		0.1			0.1			0.0	0.0		
Project Benefit	0.2													
SMART SCALE Cost	$5,236,870													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.4**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

Signal Modification Route 58 Food City Intersection

Project Id: 7161

Modification to the signal at the intersection of Route 58 and the Food City Shopping Center to signalize turn movement at the north side of the intersection.

3.8 SMART SCALE SCORE			
	#155 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$826,345
		Total Project Cost	$826,345
	#25 OF 59 DISTRICTWIDE	**Project Benefit**	0.3
		Project Benefit / Total Cost	3.8

Submitting Entity: Galax City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: No
VTRANS Need: Corridor of Statewide Significance

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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	0.0 persons	0.0 person hrs.	1.7 EPDO	240.6 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	484,971.7 adj sq. ft.	5,771.1 daily tons	396,226.1 adj. buffer time index	0.0 adjusted points	0.0 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	0.3	0.7	0.0	0.0	0.0	0.8	0.5	0.0	0.0	0.0		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.0		0.4		0.0			0.6			0.0			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		0.1		0.0			0.2			0.0	0.0		
Project Benefit	0.3													
SMART SCALE Cost	$826,345													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**3.8**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

Route 100 Safety Improvements

Project Id: 6776

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. The intent of this project is to add flashing Chevron curve warning signs thru out the project.

14.6 SMART SCALE SCORE			
	#27	OF 397 STATEWIDE	
	#3	OF 59 DISTRICTWIDE	

SMART SCALE Requested Funds	$459,987
Total Project Cost	$459,987
Project Benefit	0.7
Project Benefit / Total Cost	14.6

Submitting Entity: Giles County
Preliminary Engineering: Not Started
Right of Way: Not Needed
Construction: Not Started
Eligible Fund Program: DGP
Evacuation Route: No
VTRANS Need: Safety (non-CoSS)

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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	0.0 persons	0.0 person hrs.	16.8 EPDO	713.8 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	0.0 adj sq. ft.	0.0 daily tons	0.0 adj. buffer time index	0.0 adjusted points	19.0 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	2.7	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.0		2.5		0.0			0.0			0.0			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		0.7		0.0			0.0			0.0	-0.1		
Project Benefit	0.7													
SMART SCALE Cost	$459,987													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**14.6**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

U. S. Rte 460 Cascade Drive Intersection Improvements

Project Id: 6835

Safety improvements including installation of two right turn lanes, one for westbound Rte 460 and the other for southbound Cascade Drive (Rte 623). Pedestrian improvements including sidewalk, curb ramps, and crosswalks.

2.0 SMART SCALE SCORE			
	#237 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$5,070,946
		Total Project Cost	$5,070,946
	#35 OF 59 DISTRICTWIDE	**Project Benefit**	1.0
		Project Benefit / Total Cost	2.0

Submitting Entity: Giles County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance

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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	8.1 persons	0.0 person hrs.	1.5 EPDO	316.4 EPDO / 100M VMT	0.3 jobs per resident	0.3 jobs per resident	12.1 adjusted users	0.0 adj sq. ft.	0.0 daily tons	133,647.5 adj. buffer time index	391.1 adjusted points	4.1 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.4	0.0	0.2	0.9	0.0	0.0	0.5	0.0	0.0	0.0	8.8	0.3		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.2		0.4		0.1			0.0			8.8			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		0.1		0.0			0.0			0.9	0.0		
Project Benefit	1.0													
SMART SCALE Cost	$5,070,946													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**2.0**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

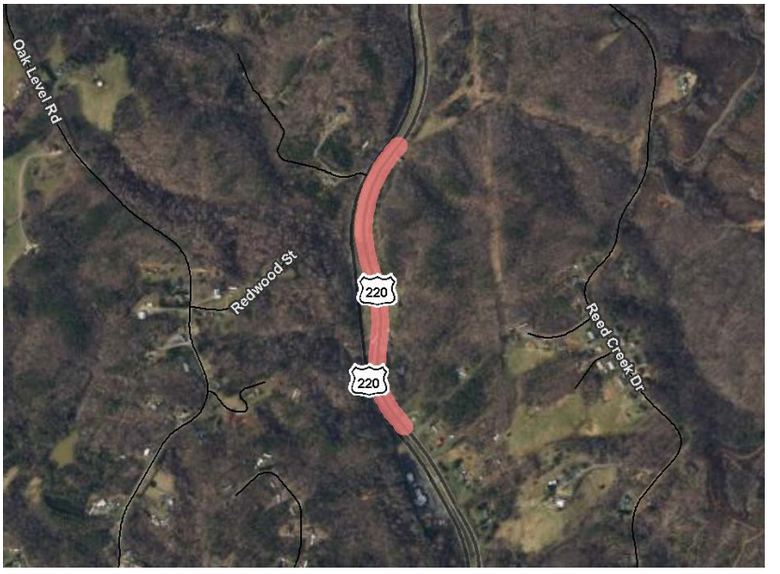
PROJECT SCORECARD

NBL Route 220 Relocation Project Id: 7052

Relocate approximately 2500' of northbound 220 to improve vertical and horizontal alignment.

0.4 SMART SCALE SCORE			
	#358 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$12,665,368
		Total Project Cost	$12,665,368
	#53 OF 59 DISTRICTWIDE	**Project Benefit**	0.4
		Project Benefit / Total Cost	0.4

Submitting Entity: Henry County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: DGP
Evacuation Route: No
VTRANS Need: Safety (non-CoSS)



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	0.0 persons	0.0 person hrs.	8.6 EPDO	616.9 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	0.0 adj sq. ft.	0.0 daily tons	0.0 adj. buffer time index	0.0 adjusted points	0.5 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	1.4	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.0		1.5		0.0			0.0			0.0			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		0.4		0.0			0.0			0.0	0.0		
Project Benefit	0.4													
SMART SCALE Cost	$12,665,368													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.4**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

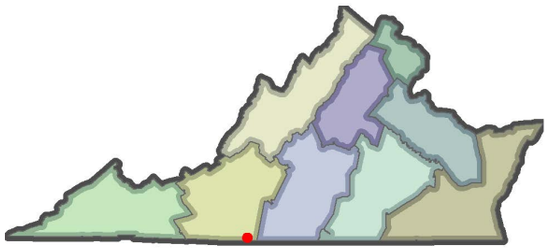
PROJECT SCORECARD

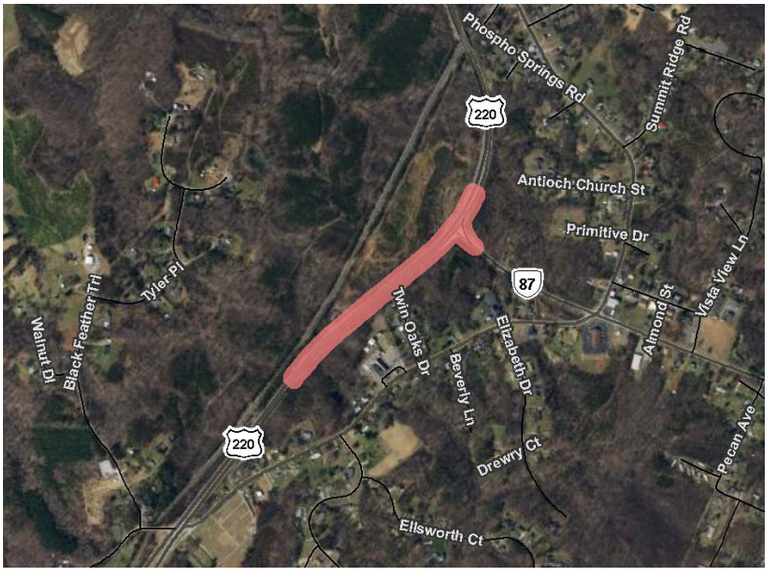
Signalized Continuous Green T at the Int. of Routes 220 & 87 Project Id: 7077

Reconstruct the intersection of U.S. Route 220 (Greensboro Rd) and State Route 87 (Morehead Ave) using a Signalized Continuous Green T design.

1.6 SMART SCALE SCORE			
	#261 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$17,782,299
		Total Project Cost	$17,782,299
	#36 OF 59 DISTRICTWIDE	**Project Benefit**	2.8
		Project Benefit / Total Cost	1.6

Submitting Entity: Henry County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance





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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	0.0 persons	0.3 person hrs.	11.3 EPDO	946.2 EPDO / 100M VMT	0.2 jobs per resident	0.3 jobs per resident	0.0 adjusted users	312,712.1 adj sq. ft.	81,922.3 daily tons	4,039,351.9 adj. buffer time index	729.0 adjusted points	1.5 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.1	1.8	2.7	0.0	0.0	0.0	0.5	6.4	0.0	16.4	0.1		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.0		2.1		0.0			1.6			16.4			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		0.6		0.0			0.6			1.6	0.0		
Project Benefit	2.8													
SMART SCALE Cost	$17,782,299													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.6**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

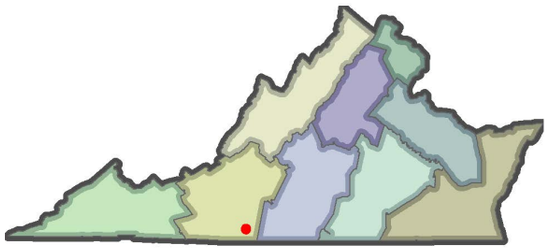
PROJECT SCORECARD

Martinsville - Focus Area 3: Ailcie Street to Pine Hall Rd. Project Id: 7015

Fayette Street - Complete Streets, Complete Community Focus Area 3: Ailcie Street to Pine Hall Road - the "West End". Safe connections and access.

0.4 SMART SCALE SCORE	#356 OF 397 STATEWIDE	SMART SCALE Requested Funds	$8,818,736
	#52 OF 59 DISTRICTWIDE	Total Project Cost	$8,818,736
		Project Benefit	0.3
		Project Benefit / Total Cost	0.4

Submitting Entity: Martinsville City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: DGP
Evacuation Route: No
VTRANS Need: Urban Development Area



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	7.6 persons	0.0 person hrs.	2.4 EPDO	620.4 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	38.2 adjusted users	101,921.5 adj sq. ft.	0.0 daily tons	163,752.0 adj. buffer time index	0.0 adjusted points	1.2 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.4	0.0	0.4	1.7	0.0	0.0	1.6	0.2	0.0	0.0	0.0	0.1		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.2		0.8		0.3			0.1			0.0			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		0.2		0.0			0.0			0.0	0.0		
Project Benefit	0.3													
SMART SCALE Cost	$8,818,736													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.4**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

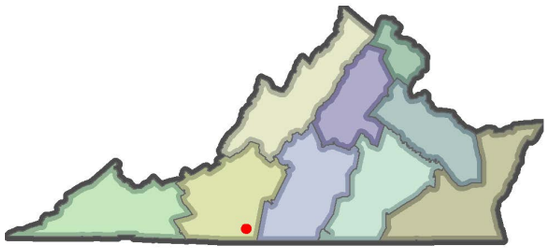
PROJECT SCORECARD

Martinsville - Focus Area 1: Albert Harris Ele. Project Id: 7039

Fayette Street - Complete Streets, Complete Community Focus Area 1: Albert Harris Elementary. Safe connections and access.

0.3 SMART SCALE SCORE	**#361** OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$12,346,734
		Total Project Cost	$12,346,734
	#55 OF 59 DISTRICTWIDE	**Project Benefit**	0.3
		Project Benefit / Total Cost	0.3

Submitting Entity: Martinsville City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: DGP
Evacuation Route: No
VTRANS Need: Urban Development Area



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	12.3 persons	0.0 person hrs.	3.6 EPDO	448.2 EPDO / 100M VMT	0.7 jobs per resident	1.0 jobs per resident	61.5 adjusted users	0.0 adj sq. ft.	0.0 daily tons	0.0 adj. buffer time index	0.0 adjusted points	6.9 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.7	0.0	0.6	1.3	0.0	0.1	2.5	0.0	0.0	0.0	0.0	0.5		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.3		0.8		0.5			0.0			0.0			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		0.2		0.1			0.0			0.0	0.0		
Project Benefit	0.3													
SMART SCALE Cost	$12,346,734													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.3**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

Market and Moss Street Pedestrian Safety Project

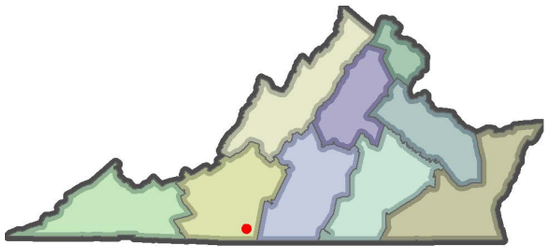
Project Id: 7085

The project will result in the installation of a total of three crosswalks - one across Market St (east of Moss St) and two across Moss St (on each side of Market St). Additionally, one pedestrian refuge islands will be installed on Market St to enhance pedestrian comfort and safety. Pedestrian-actuated signalization, as well as upgraded ADA ramps and their adjacent sidewalk sections will also be project features.

6.4 SMART SCALE SCORE			
	#98	OF 397 STATEWIDE	
	#15	OF 59 DISTRICTWIDE	

SMART SCALE Requested Funds	$2,443,317
Total Project Cost	$2,443,317
Project Benefit	1.6
Project Benefit / Total Cost	6.4

Submitting Entity: Martinsville City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: DGP
Evacuation Route: No
VTRANS Need: Urban Development Area



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	8.4 persons	0.0 person hrs.	10.7 EPDO	4,767.2 EPDO / 100M VMT	0.1 jobs per resident	0.1 jobs per resident	12.6 adjusted users	0.0 adj sq. ft.	0.0 daily tons	0.0 adj. buffer time index	0.0 adjusted points	7.2 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.5	0.0	1.7	13.4	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.6		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.2		5.2		0.1			0.0			0.0			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		1.6		0.0			0.0			0.0	0.0		
Project Benefit	1.6													
SMART SCALE Cost	$2,443,317													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**6.4**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

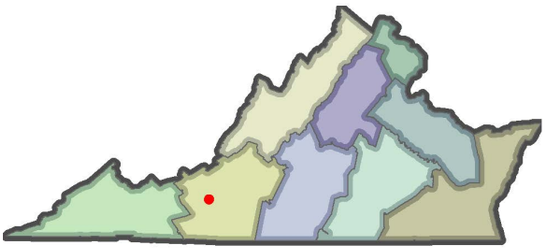
Route 8 Widening and Improvements

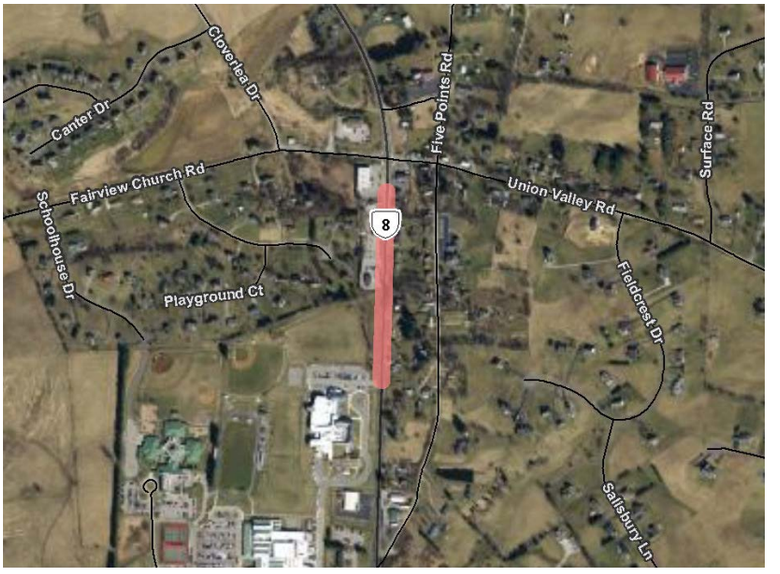
Project Id: 6704

Construction of two-way left turn lane and dedicated left turn lane in the Riner Village.

0.2 SMART SCALE SCORE	#369 OF 397 STATEWIDE	SMART SCALE Requested Funds	$6,386,493
		Total Project Cost	$6,386,493
	#57 OF 59 DISTRICTWIDE	Project Benefit	0.1
		Project Benefit / Total Cost	0.2

Submitting Entity: Montgomery County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: No
VTRANS Need: Regional Network





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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	0.0 persons	0.0 person hrs.	1.8 EPDO	322.8 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	129,425.8 adj sq. ft.	0.0 daily tons	155,601.2 adj. buffer time index	0.0 adjusted points	4.9 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	0.3	0.9	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.4		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.0		0.5		0.0			0.1			0.0			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		0.1		0.0			0.0			0.0	0.0		
Project Benefit	0.1													
SMART SCALE Cost	$6,386,493													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.2**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

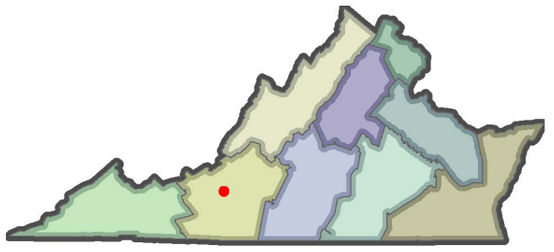
PROJECT SCORECARD

Intersection Improvements at Route 460/637 Project Id: 6857

Improve an existing crossover on westbound US 460 by: constructing 200 feet left turn lane and 200 feet taper; remove an existing crossover on US 460; add left turn lane and taper on eastbound US 460 at the Alleghany Spring Rd intersection; extend left turn lane and taper on westbound US 460 at the Alleghany Spring Rd; add right turn lane and taper on northbound Alleghany Spring Rd at the US 11 intersection; Obtain 20 feet-wide Permanent Drainage Easement.

0.7 SMART SCALE SCORE	**#329** OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$7,312,974
		Total Project Cost	$7,312,974
	#47 OF 59 DISTRICTWIDE	**Project Benefit**	0.5
		Project Benefit / Total Cost	0.7

Submitting Entity: Montgomery County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	0.0 persons	0.2 person hrs.	4.8 EPDO	1,505.8 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	3,067.1 adj sq. ft.	0.0 daily tons	205,024.5 adj. buffer time index	0.0 adjusted points	14.2 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	0.8	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.0		1.8		0.0			0.0			0.0			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		0.5		0.0			0.0			0.0	-0.1		
Project Benefit	0.5													
SMART SCALE Cost	$7,312,974													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.7**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

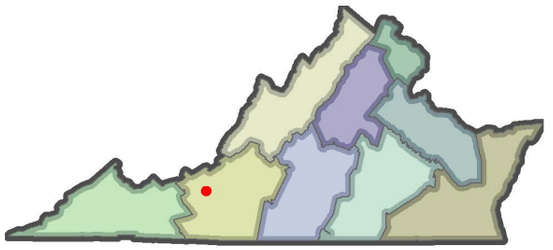
Prices Fork/ Peppers Ferry Turn Lane Improvements

Project Id: 7093

Turn Lane improvements at the intersection of Prices Fork/Peppers Ferry Road in the Belview Village

0.8 SMART SCALE SCORE	#318 OF 397 STATEWIDE	SMART SCALE Requested Funds	$8,107,246
		Total Project Cost	$8,107,246
	#44 OF 59 DISTRICTWIDE	Project Benefit	0.7
		Project Benefit / Total Cost	0.8

Submitting Entity: Montgomery County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: No
VTRANS Need: Regional Network



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	0.0 persons	5.7 person hrs.	8.1 EPDO	1,176.0 EPDO / 100M VMT	9.1 jobs per resident	9.2 jobs per resident	0.0 adjusted users	28,436.9 adj sq. ft.	4,888.5 daily tons	938,868.4 adj. buffer time index	0.0 adjusted points	0.5 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.9	1.3	3.3	0.5	0.5	0.0	0.0	0.4	0.0	0.0	0.0		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.5		1.9		0.4			0.1			0.0			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.1		0.5		0.1			0.0			0.0	0.0		
Project Benefit	0.7													
SMART SCALE Cost	$8,107,246													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.8**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

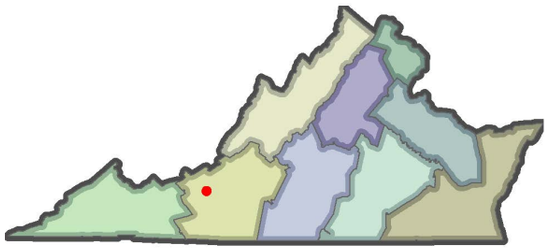
Pedestrian Improvements-Prices Fork/ Peppers Ferry

Project Id: 7094

Pedestrian improvements at the Prices Fork/Peppers Ferry Road intersection in the Belview Village

1.1 SMART SCALE SCORE			
	#293 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$3,663,480
		Total Project Cost	$3,663,480
	#42 OF 59 DISTRICTWIDE	**Project Benefit**	0.4
		Project Benefit / Total Cost	1.1

Submitting Entity: Montgomery County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: No
VTRANS Need: Regional Network



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	8.8 persons	0.6 person hrs.	4.4 EPDO	624.8 EPDO / 100M VMT	1.1 jobs per resident	1.0 jobs per resident	13.2 adjusted users	28,436.9 adj sq. ft.	4,888.5 daily tons	911,067.8 adj. buffer time index	17.6 adjusted points	0.5 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.5	0.1	0.7	1.8	0.1	0.1	0.5	0.0	0.4	0.0	0.4	0.0		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.3		1.0		0.2			0.1			0.4			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		0.3		0.0			0.0			0.0	0.0		
Project Benefit	0.4													
SMART SCALE Cost	$3,663,480													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.1**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

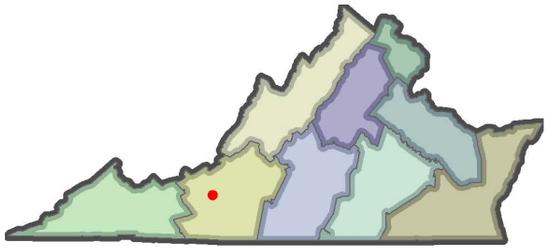
I-81/Route 8 (Exit 114) Park & Ride Lot

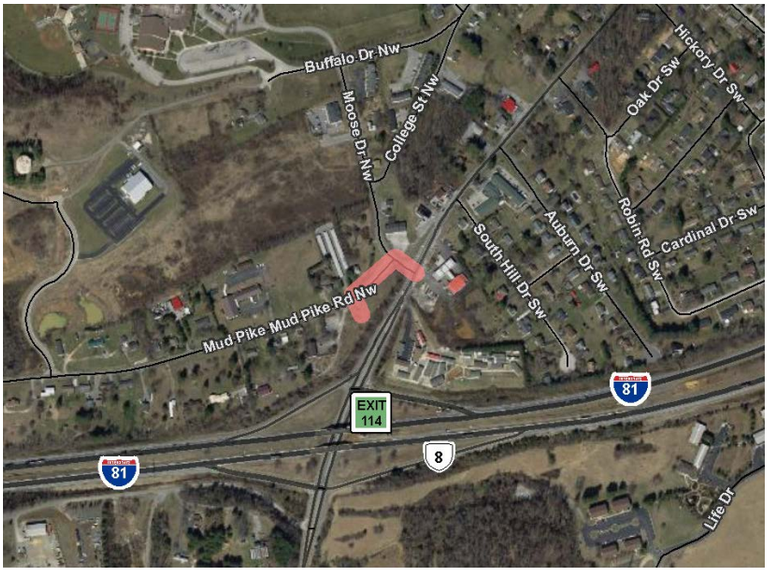
Project Id: 6799

Addition of a park & ride lot at I 81 Exit 114.

10.6 SMART SCALE SCORE	#50 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$7,742,940
		Total Project Cost	$7,742,940
	#6 OF 59 DISTRICTWIDE	**Project Benefit**	8.2
		Project Benefit / Total Cost	10.6

Submitting Entity: New River Valley Metropolitan Planning Organization
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: HPP
Evacuation Route: No
VTRANS Need: Corridor of Statewide Significance





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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	28.6 persons	9.5 person hrs.	4.3 EPDO	0.3 EPDO / 100M VMT	8.3 jobs per resident	6.7 jobs per resident	143.2 adjusted users	997,947.0 adj sq. ft.	0.0 daily tons	3,030,377,903.4 adj. buffer time index	2,597.5 adjusted points	0.4 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	1.5	1.6	0.7	0.0	0.5	0.3	5.9	1.6	0.0	28.1	58.4	0.0		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	1.5		0.5		1.5			6.6			58.4			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.2		0.1		0.4			1.6			5.8	0.0		
Project Benefit	8.2													
SMART SCALE Cost	$7,742,940													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**10.6**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

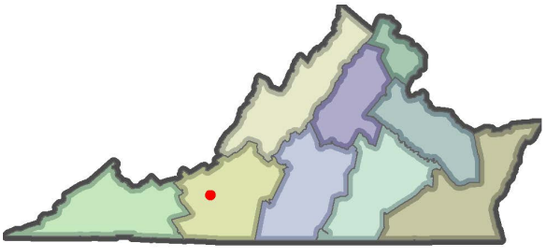
I-81/Route 8 (Exit 114) Interchange Improvements

Project Id: 6800

Install two permanent traffic signals at the intersections of Route 8 and the interstate ramps, reconfigure lanes at both off ramps and along Route 8, update medians, install curb and gutter facilities, install sidewalk on the east side of Route 8 to include ADA compliant crossings and pedestrian signals at the interstate ramps, and provide dedicated bicycle lanes in both directions of Route 8 through the limits of the interchange.

1.3 SMART SCALE SCORE			
	#276 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$9,974,038
		Total Project Cost	$9,974,038
	#39 OF 59 DISTRICTWIDE	**Project Benefit**	1.3
		Project Benefit / Total Cost	1.3

Submitting Entity: New River Valley Metropolitan Planning Organization
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: HPP
Evacuation Route: No
VTRANS Need: Regional Network



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	17.7 persons	0.0 person hrs.	19.3 EPDO	2,588.1 EPDO / 100M VMT	0.7 jobs per resident	0.3 jobs per resident	53.1 adjusted users	8,398.0 adj sq. ft.	0.0 daily tons	1,300,073.0 adj. buffer time index	0.0 adjusted points	0.6 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	1.0	0.0	3.1	7.3	0.0	0.0	2.2	0.0	0.0	0.0	0.0	0.0		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.5		4.3		0.5			0.0			0.0			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.1		1.1		0.1			0.0			0.0	0.0		
Project Benefit	1.3													
SMART SCALE Cost	$9,974,038													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.3**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

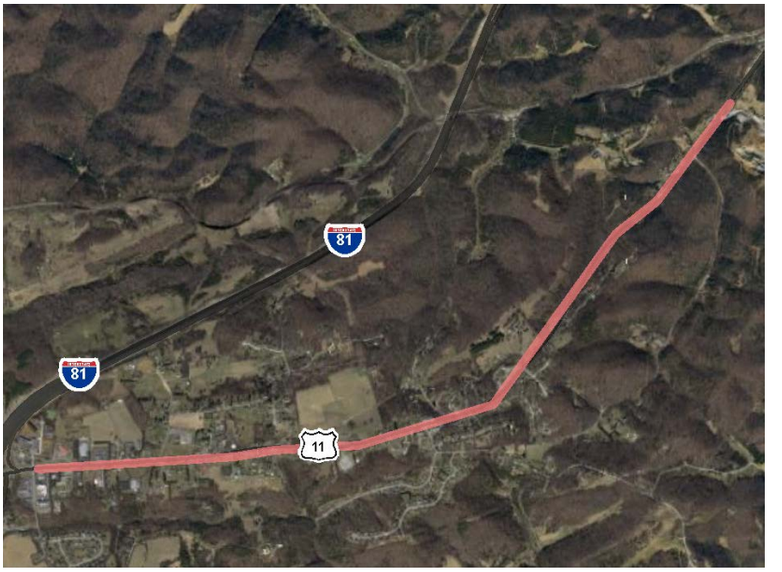
Route 460 Widening and Operational Improvements

Project Id: 7189

Increase safety and mainline throughput by creating a reversible lane system starting approximately 0.1 miles east of Tower Road continuing to approximately 160' east of Christie Lane and widening Route 460 from three (3) to four (4) lanes from the end of the reversible lane to the existing four (4) lane section approximate 0.25 miles east of Wayside Road (Route 641E).

0.2 SMART SCALE SCORE	**#377** OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$52,667,791
		Total Project Cost	$52,667,791
	#59 OF 59 DISTRICTWIDE	**Project Benefit**	0.8
		Project Benefit / Total Cost	0.2

Submitting Entity: New River Valley Metropolitan Planning Organization
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: HPP
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	0.0 persons	2.4 person hrs.	9.3 EPDO	281.2 EPDO / 100M VMT	6.4 jobs per resident	5.9 jobs per resident	0.0 adjusted users	0.0 adj sq. ft.	113,647.1 daily tons	2,456,911.1 adj. buffer time index	0.0 adjusted points	11.3 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.4	1.5	0.8	0.4	0.3	0.0	0.0	8.9	0.0	0.0	0.9		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.2		1.3		0.3			1.8			0.0			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		0.3		0.1			0.4			0.0	0.0		
Project Benefit	0.8													
SMART SCALE Cost	$52,667,791													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.2**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

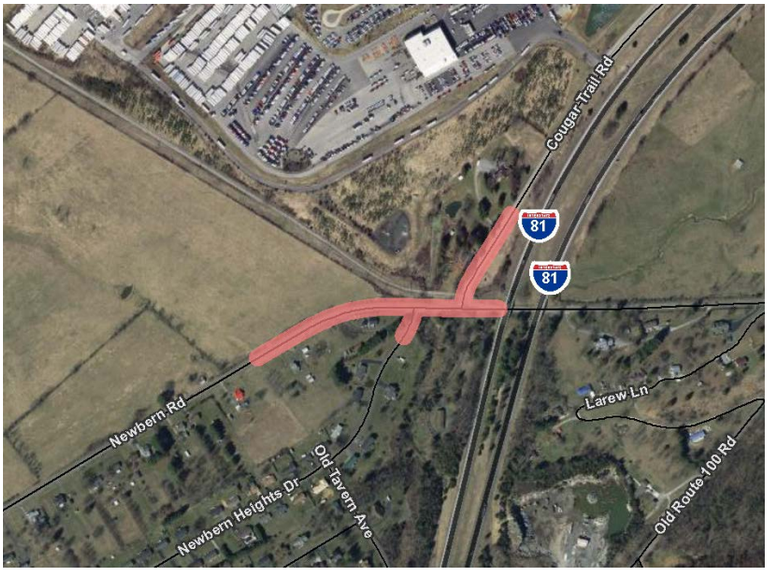
Newbern Road/Cougar Trail Intersection Improvements

Project Id: 7054

Re-align the intersection of Newbern Road and Cougar Trail Road and install a round-a-bout to improve accessibility and safety issues.

7.3 SMART SCALE SCORE			
	#90 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$13,137,150
		Total Project Cost	$13,137,150
	#13 OF 59 DISTRICTWIDE	**Project Benefit**	9.6
		Project Benefit / Total Cost	7.3

Submitting Entity: New River Valley Regional Commission
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: HPP
Evacuation Route: No
VTRANS Need: Regional Network



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	0.0 persons	0.9 person hrs.	32.8 EPDO	8,449.1 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	17,673,149.3 adj sq. ft.	0.0 daily tons	0.0 adj. buffer time index	180.0 adjusted points	0.3 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.2	5.3	23.7	0.0	0.0	0.0	28.4	0.0	0.0	4.0	0.0		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.1		10.8		0.0			17.0			4.0			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		3.2		0.0			6.0			0.4	0.0		
Project Benefit	9.6													
SMART SCALE Cost	$13,137,150													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**7.3**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

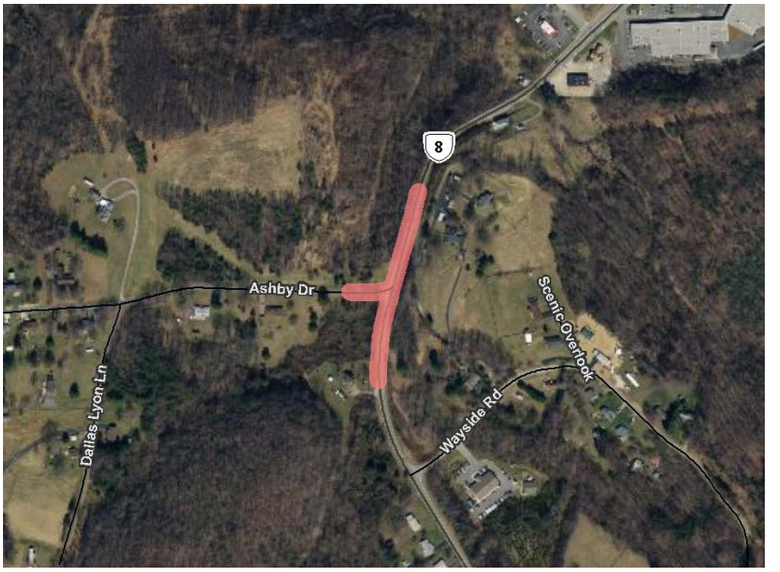
Salem Hwy and Ashby Dr Intersection Safety Improvement

Project Id: 7109

This project will improve safety at the unsignalized intersection of Route 8 (Salem Hwy) and Route 836 (Ashby Dr) by lowering the roadway grade on Route 8 to the north to provide adequate sight distance and by adding a left turn lane from northbound Route 8 onto Route 836.

3.3 SMART SCALE SCORE			
	#176 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$5,382,917
		Total Project Cost	$5,382,917
	#29 OF 59 DISTRICTWIDE	**Project Benefit**	1.8
		Project Benefit / Total Cost	3.3

Submitting Entity: Patrick County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: DGP
Evacuation Route: No
VTRANS Need: Safety (non-CoSS)



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	0.0 persons	0.0 person hrs.	9.0 EPDO	5,743.0 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	0.0 adj sq. ft.	0.0 daily tons	117,612.0 adj. buffer time index	0.0 adjusted points	0.7 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	1.4	16.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.0		5.8		0.0			0.0			0.0			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		1.8		0.0			0.0			0.0	0.0		
Project Benefit	1.8													
SMART SCALE Cost	$5,382,917													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**3.3**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

Route 11/Kroger Turn Lane Improvements - Pulaski County

Project Id: 7080

The project will add a right hand turn lane into Kroger/Rural King to alleviate congestion on Route 11 in Fairlawn, VA.

2.1 SMART SCALE SCORE			
	#231 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$2,193,598
		Total Project Cost	$2,193,598
	#34 OF 59 DISTRICTWIDE	**Project Benefit**	0.5
		Project Benefit / Total Cost	2.1

Submitting Entity: Pulaski County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance

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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	19.0 persons	0.0 person hrs.	2.7 EPDO	222.6 EPDO / 100M VMT	1.2 jobs per resident	0.9 jobs per resident	95.1 adjusted users	19,418.4 adj sq. ft.	0.0 daily tons	3,525,440.0 adj. buffer time index	57.0 adjusted points	19.9 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	1.0	0.0	0.4	0.6	0.1	0.0	3.9	0.0	0.0	0.0	1.3	1.5		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.5		0.5		0.8			0.0			1.3			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.1		0.1		0.2			0.0			0.1	-0.1		
Project Benefit	0.5													
SMART SCALE Cost	$2,193,598													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**2.1**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

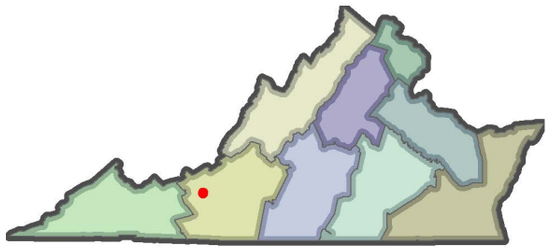
Rte 11/Rte 114 Intersection Improvements Project

Project Id: 7083

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.

2.5 SMART SCALE SCORE			
	#211 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$4,120,719
		Total Project Cost	$4,120,719
	#32 OF 59 DISTRICTWIDE	**Project Benefit**	1.0
		Project Benefit / Total Cost	2.5

Submitting Entity: Pulaski County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	44.6 persons	4.5 person hrs.	0.2 EPDO	17.0 EPDO / 100M VMT	1.7 jobs per resident	1.7 jobs per resident	222.9 adjusted users	19,418.4 adj sq. ft.	15,087.2 daily tons	1,735,802.8 adj. buffer time index	133.7 adjusted points	20.1 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	2.4	0.7	0.0	0.0	0.1	0.1	9.2	0.0	1.2	0.0	3.0	1.6		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	1.6		0.0		1.9			0.3			3.0			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.2		0.0		0.5			0.1			0.3	-0.1		
Project Benefit	1.0													
SMART SCALE Cost	$4,120,719													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**2.5**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

Route 11 Traffic Improvements Project - Pulaski County

Project Id: 7084

The project will include multiple commercial entrance improvements and the extension of sidewalks along the North bound lane of Route 11 in Fairlawn, VA.

2.7 SMART SCALE SCORE			
	#196 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$1,330,138
		Total Project Cost	$1,330,138
	#30 OF 59 DISTRICTWIDE	**Project Benefit**	0.4
		Project Benefit / Total Cost	2.7

Submitting Entity: Pulaski County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: No
VTRANS Need: Regional Network

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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	16.2 persons	0.1 person hrs.	1.2 EPDO	173.4 EPDO / 100M VMT	1.5 jobs per resident	0.9 jobs per resident	81.0 adjusted users	0.0 adj sq. ft.	1,569.2 daily tons	636,831.5 adj. buffer time index	48.6 adjusted points	18.6 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.9	0.0	0.2	0.5	0.1	0.0	3.3	0.0	0.1	0.0	1.1	1.4		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.4		0.3		0.7			0.0			1.1			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.1		0.1		0.2			0.0			0.1	-0.1		
Project Benefit	0.4													
SMART SCALE Cost	$1,330,138													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**2.7**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

Southbound Route 11 Safety Improvements at Warden Court — Project Id: 7092

Improve safety along southbound Route 11 near the intersection of Warden Court by correcting superelevation in the curve, widening shoulders, installing rumble strips, and adding guardrail.

4.1 SMART SCALE SCORE			
	#142 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$5,926,123
		Total Project Cost	$5,926,123
	#22 OF 59 DISTRICTWIDE	**Project Benefit**	2.5
		Project Benefit / Total Cost	4.1

Submitting Entity: Pulaski County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance

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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	0.0 persons	0.0 person hrs.	43.7 EPDO	6,035.1 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	0.0 adj sq. ft.	0.0 daily tons	0.0 adj. buffer time index	0.0 adjusted points	11.4 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	7.0	16.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.0		10.0		0.0			0.0			0.0			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		2.5		0.0			0.0			0.0	0.0		
Project Benefit	2.5													
SMART SCALE Cost	$5,926,123													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**4.1**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

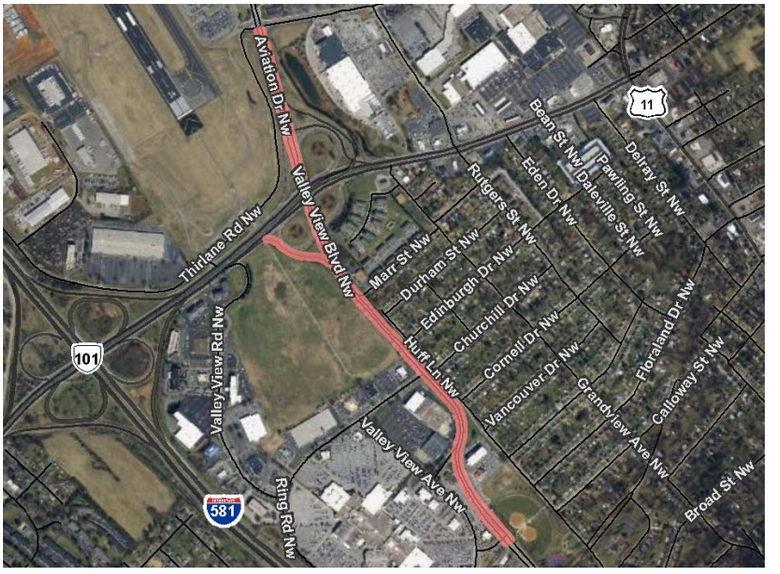
Valley View Blvd / Aviation Drive Pedestrian Improvements

Project Id: 6687

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.

9.9 SMART SCALE SCORE	**#57** OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$5,928,491
		Total Project Cost	$7,178,491
	#8 OF 59 DISTRICTWIDE	**Project Benefit**	5.9
		Project Benefit / Total Cost	8.2

Submitting Entity: Roanoke City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: No
VTRANS Need: Regional Network



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	16.1 persons	0.0 person hrs.	0.0 EPDO	0.0 EPDO / 100M VMT	0.8 jobs per resident	0.8 jobs per resident	80.4 adjusted users	57,229.4 adj sq. ft.	0.0 daily tons	0.0 adj. buffer time index	0.0 adjusted points	1.2 impacted acres	37.8 access * pop/emp density.h	36.3 access * pop/emp density change.
Normalized Measure Value (0-100)	0.9	0.0	0.0	0.0	0.0	0.0	3.3	0.1	0.0	0.0	0.0	0.1	57.1	55.1
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	0.4		0.0		0.7			0.1			0.0		56.1	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%	5 (max point reduction)	10%	
Weighted Factor Value	0.1		0.0		0.2			0.0			0.0	0.0	5.6	
Project Benefit	5.9													
SMART SCALE Cost	$5,928,491													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**9.9**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

Route 460 (Orange Ave) Improvements near Blue Hills Drive

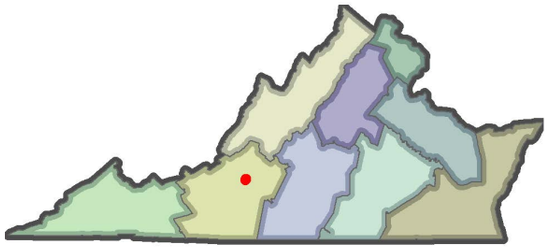
Project Id: 6866

Construct a Thru-Cut at the intersection of Route 460 and Blue Hills Dr/Mexico Way and RCUTS at the intersections of Route 460 at Lynn Brae Dr, Patrick Rd, and Blue Hills Village Dr. The restricted through and left movements along the corridor will be redirected to turn right onto Route 460 and then make U-turns at downstream intersections reducing conflict points at all four intersections and increasing capacity along Route 460 due to the signal phase reduction at Blue Hills Dr.

9.3 SMART SCALE SCORE			
	#65	OF 397 STATEWIDE	
	#9	OF 59 DISTRICTWIDE	

SMART SCALE Requested Funds	$4,903,493
Total Project Cost	$5,580,213
Project Benefit	4.6
Project Benefit / Total Cost	8.2

Submitting Entity: Roanoke City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	28.3 persons	12.8 person hrs.	52.5 EPDO	1,096.5 EPDO / 100M VMT	10.2 jobs per resident	9.0 jobs per resident	141.6 adjusted users	39,237.8 adj sq. ft.	11,306.9 daily tons	14,961,976.9 adj. buffer time index	84.9 adjusted points	1.1 impacted acres	14.8 access * pop/emp density.h	15.6 access * pop/emp density change.
Normalized Measure Value (0-100)	1.5	2.1	8.4	3.1	0.6	0.5	5.8	0.1	0.9	0.1	1.9	0.1	22.3	23.7
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	1.8		6.8		1.6			0.2			1.9		23.0	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%	5 (max point reduction)	10%	
Weighted Factor Value	0.3		1.4		0.4			0.0			0.2	0.0	2.3	
Project Benefit	4.6													
SMART SCALE Cost	$4,903,493													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**9.3**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

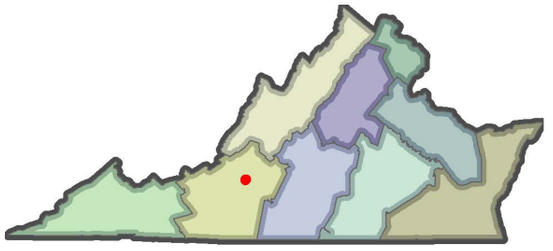
Route 460 (Orange Ave) Improvements at King Street

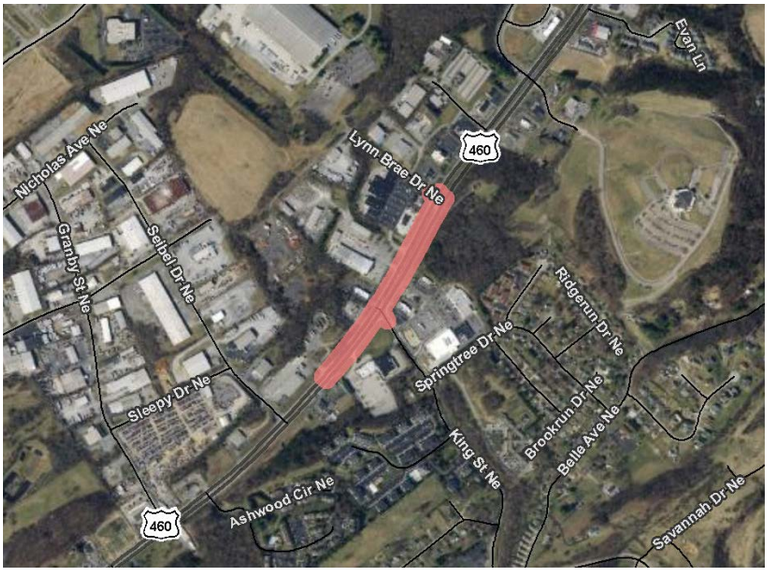
Project Id: 6977

This project includes a Thru-Cut at the Route 460 at King St intersection and RCUTS at the unsignalized median openings west of King St and east of King St at Lynn Brae Dr. Through movements from King St and side-road left turns at the unsignalized intersections will be redirected to turn right onto Route 460 and then make U-turns at downstream intersections reducing conflict points at all three intersections and increasing capacity along Route 460 due to the signal phase reduction at King St.

8.0 SMART SCALE SCORE	**#81** OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$4,455,444
		Total Project Cost	$5,005,724
	#12 OF 59 DISTRICTWIDE	**Project Benefit**	3.6
		Project Benefit / Total Cost	7.1

Submitting Entity: Roanoke City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance





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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	35.7 persons	9.6 person hrs.	6.9 EPDO	134.5 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	178.6 adjusted users	43,827.6 adj sq. ft.	0.0 daily tons	10,709,364.7 adj. buffer time index	107.2 adjusted points	0.9 impacted acres	16.4 access * pop/emp density.h	16.7 access * pop/emp density change.
Normalized Measure Value (0-100)	1.9	1.6	1.1	0.4	0.0	0.0	7.3	0.1	0.0	0.1	2.4	0.1	24.7	25.3
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	1.7		0.9		1.5			0.1			2.4		25.0	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%	5 (max point reduction)	10%	
Weighted Factor Value	0.3		0.2		0.4			0.0			0.2	0.0	2.5	
Project Benefit	3.6													
SMART SCALE Cost	$4,455,444													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**8.0**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

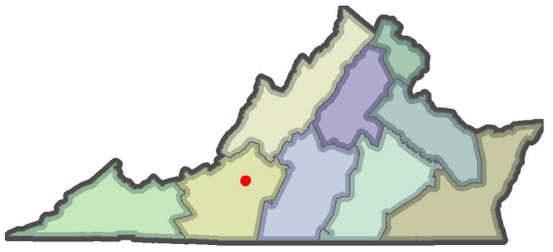
Route 460 (Orange Ave) Improvements Seibel Dr/ Hickory Woods

Project Id: 7009

This project modifies the existing median crossovers along Route 460 by channelizing the mainline westbound left turns at Hickory Woods Drive and mainline eastbound left turns at Seibel Drive. These innovative intersections will redirect the left turns from the side roads to turn right onto Route 460 and then make U-turns at downstream intersections, minimizing conflict points.

6.3 SMART SCALE SCORE			
	#102 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$436,731
		Total Project Cost	$436,731
	#16 OF 59 DISTRICTWIDE	**Project Benefit**	0.3
		Project Benefit / Total Cost	6.3

Submitting Entity: Roanoke City
Preliminary Engineering: Not Started
Right of Way: Not Needed
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	0.0 persons	0.5 person hrs.	1.7 EPDO	48.3 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	71,189.8 adj sq. ft.	0.0 daily tons	1,706,954.8 adj. buffer time index	0.0 adjusted points	1.0 impacted acres	1.4 access * pop/emp density.h	1.4 access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.1	0.3	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1	2.1	2.2
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	0.0		0.2		0.0			0.1			0.0		2.2	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%	5 (max point reduction)	10%	
Weighted Factor Value	0.0		0.0		0.0			0.0			0.0	0.0	0.2	
Project Benefit	0.3													
SMART SCALE Cost	$436,731													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**6.3**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

Valleypointe Parkway Realignment

Project Id: 6826

Widen Valleypointe Parkway from two to four lanes between North Concourse Drive and Wood Haven Road and align the roadway with the entrance road to the Green Ridge Recreation Center. Extend the westbound left turn lane and construct an eastbound right turn lane on Wood Haven Road for access to Valleypointe Parkway. Construct sidewalk and a crosswalk from North Concourse Drive to connect to existing sidewalk at the Green Ridge Recreation Center.

9.1 SMART SCALE SCORE	**#71** OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$7,337,072
		Total Project Cost	$9,837,072
	#11 OF 59 DISTRICTWIDE	**Project Benefit**	6.6
		Project Benefit / Total Cost	6.8

Submitting Entity: Roanoke County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: DGP
Evacuation Route: No
VTRANS Need: Urban Development Area

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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	1.8 persons	0.0 person hrs.	0.0 EPDO	0.0 EPDO / 100M VMT	0.1 jobs per resident	0.0 jobs per resident	2.6 adjusted users	23,188,822.0 adj sq. ft.	387.1 daily tons	0.0 adj. buffer time index	3.5 adjusted points	0.2 impacted acres	14.8 access * pop/emp density.h	13.7 access * pop/emp density change.
Normalized Measure Value (0-100)	0.1	0.0	0.0	0.0	0.0	0.0	0.1	37.2	0.0	0.0	0.1	0.0	22.3	20.7
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	0.0		0.0		0.0			22.4			0.1		21.5	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%	5 (max point reduction)	10%	
Weighted Factor Value	0.0		0.0		0.0			4.5			0.0	0.0	2.2	
Project Benefit	6.6													
SMART SCALE Cost	$7,337,072													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**9.1**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

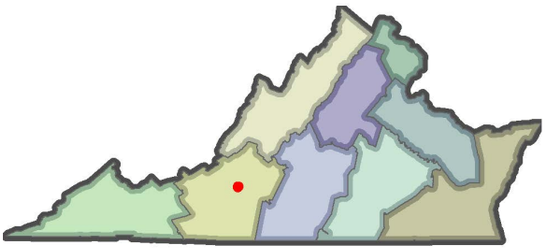
Route 419 Streetscape Improvements, Phase 2

Project Id: 6956

Extend previously funded improvements along Route 419/Electric Road between Route 220 and Ogden Road to the next block, between Ogden Road and Starkey Road. Proposed improvements include conversion of the north and south shoulders to shared through/right turn lanes, sidewalks and bicycle lanes on the north and south sides, and installation of a thru-cut with pedestrian signals and crosswalks at the Starkey Road intersection.

5.4 SMART SCALE SCORE			
	#114 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$14,122,332
		Total Project Cost	$18,469,482
	#19 OF 59 DISTRICTWIDE	**Project Benefit**	7.7
		Project Benefit / Total Cost	4.1

Submitting Entity: Roanoke County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: No
VTRANS Need: Regional Network



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	104.7 persons	24.5 person hrs.	25.4 EPDO	265.7 EPDO / 100M VMT	25.0 jobs per resident	18.0 jobs per resident	523.3 adjusted users	3,233,265.8 adj sq. ft.	0.0 daily tons	39,482,573.6 adj. buffer time index	523.3 adjusted points	0.1 impacted acres	21.5 access * pop/emp density.h	20.3 access * pop/emp density change.
Normalized Measure Value (0-100)	5.6	4.0	4.1	0.7	1.4	0.9	21.5	5.2	0.0	0.4	11.8	0.0	32.5	30.8
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	4.8		3.1		5.4			3.2			11.8		31.6	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%	5 (max point reduction)	10%	
Weighted Factor Value	0.7		0.6		1.3			0.6			1.2	0.0	3.2	
Project Benefit	7.7													
SMART SCALE Cost	$14,122,332													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**5.4**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

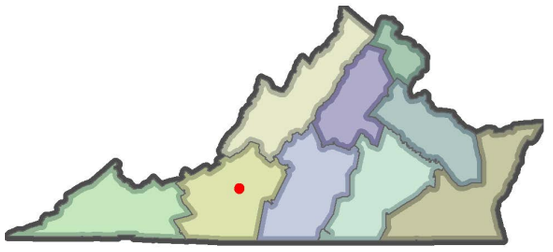
Starkey Road/Buck Mountain Road Intersection Improvements

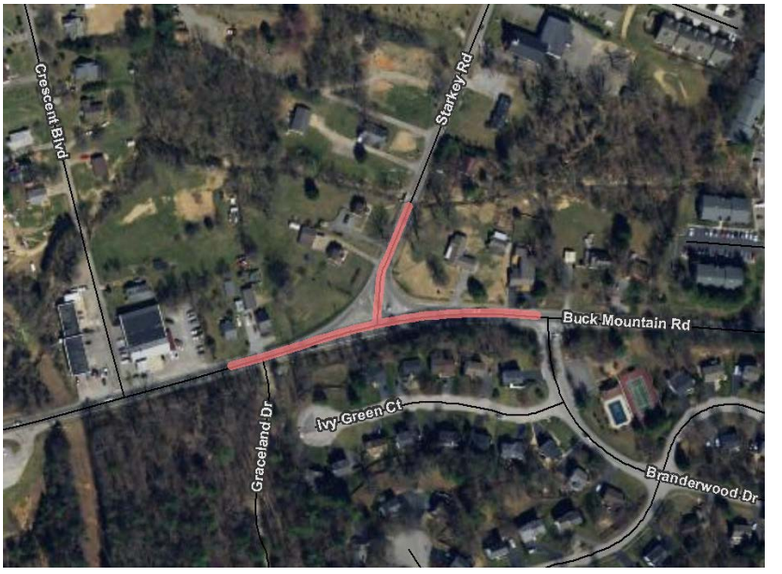
Project Id: 6967

Convert the unsignalized "T" intersection at Starkey Road and Buck Mountain Road to a single lane roundabout. Pedestrian accommodations are included in the design to extend along each leg and to the Branderwood subdivision.

9.9 SMART SCALE SCORE	**#56** OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$2,583,365
		Total Project Cost	$5,841,480
	#7 OF 59 DISTRICTWIDE	**Project Benefit**	2.6
		Project Benefit / Total Cost	4.4

Submitting Entity: Roanoke County
Preliminary Engineering: Underway
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: DGP
Evacuation Route: No
VTRANS Need: Urban Development Area





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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	20.3 persons	5.1 person hrs.	1.6 EPDO	569.6 EPDO / 100M VMT	0.2 jobs per resident	0.3 jobs per resident	30.4 adjusted users	505,862.8 adj sq. ft.	0.0 daily tons	0.0 adj. buffer time index	40.6 adjusted points	0.3 impacted acres	11.4 access * pop/emp density.h	15.5 access * pop/emp density change.
Normalized Measure Value (0-100)	1.1	0.8	0.3	1.6	0.0	0.0	1.3	0.8	0.0	0.0	0.9	0.0	17.2	23.4
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	1.0		0.7		0.3			0.5			0.9		20.3	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%	5 (max point reduction)	10%	
Weighted Factor Value	0.1		0.1		0.1			0.1			0.1	0.0	2.0	
Project Benefit	2.6													
SMART SCALE Cost	$2,583,365													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**9.9**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

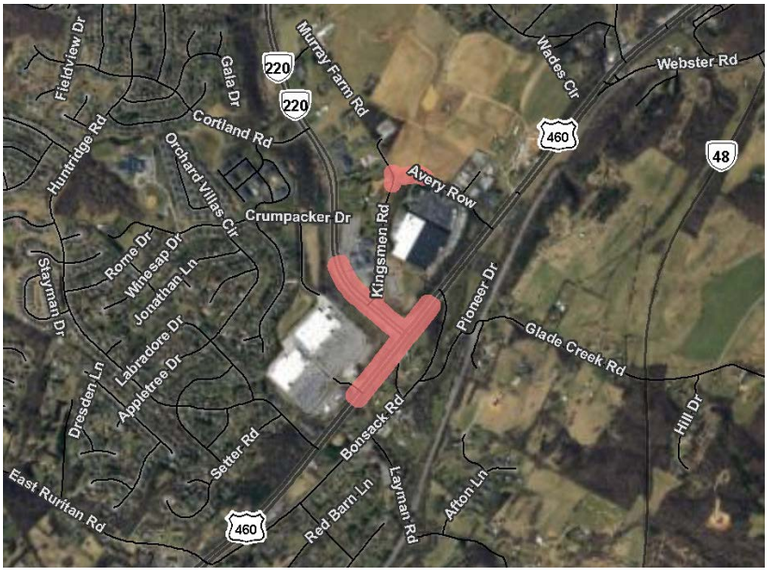
Route 460 and Alt. Route 220 Intersection Improvements

Project Id: 7057

Reconstruct the existing Route 460/Challenger Avenue and Alternate Route 220/Cloverdale Road intersection with a Displaced Left Turn configuration to relieve traffic congestion and improve safety.

1.4 SMART SCALE SCORE			
	#270 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$19,252,124
		Total Project Cost	$21,796,984
	#37 OF 59 DISTRICTWIDE	**Project Benefit**	2.7
		Project Benefit / Total Cost	1.2

Submitting Entity: Roanoke County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	0.0 persons	2.7 person hrs.	31.2 EPDO	627.3 EPDO / 100M VMT	0.5 jobs per resident	0.3 jobs per resident	0.0 adjusted users	398,154.0 adj sq. ft.	17,015.7 daily tons	6,149,746.0 adj. buffer time index	544.0 adjusted points	1.9 impacted acres	2.7 access * pop/emp density.h	3.6 access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.4	5.0	1.8	0.0	0.0	0.0	0.6	1.3	0.1	12.2	0.1	4.0	5.4
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	0.2		4.0		0.0			0.7			12.2		4.7	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%	5 (max point reduction)	10%	
Weighted Factor Value	0.0		0.8		0.0			0.1			1.2	0.0	0.5	
Project Benefit	2.7													
SMART SCALE Cost	$19,252,124													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.4**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

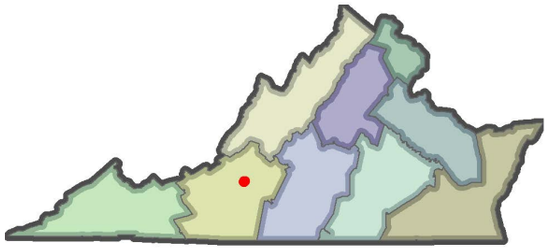
Orange Avenue Improvements

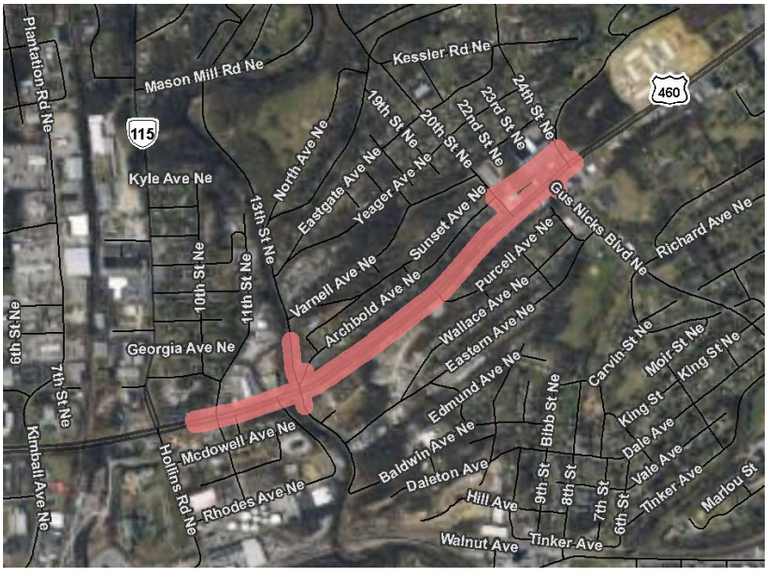
Project Id: 6657

Traffic operational improvements along Orange Avenue from 11th Street, N.E intersection to 24th Street, N.E..

4.0 SMART SCALE SCORE	#148 OF 397 STATEWIDE	SMART SCALE Requested Funds	$23,714,763
		Total Project Cost	$23,714,763
	#23 OF 59 DISTRICTWIDE	Project Benefit	9.5
		Project Benefit / Total Cost	4.0

Submitting Entity: Roanoke Valley Transportation Planning Organization
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: HPP
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance





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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	74.2 persons	20.8 person hrs.	25.2 EPDO	319.1 EPDO / 100M VMT	17.6 jobs per resident	15.1 jobs per resident	370.9 adjusted users	103,391.3 adj sq. ft.	41,032.1 daily tons	62,602,143.3 adj. buffer time index	222.5 adjusted points	19.5 impacted acres	45.8 access * pop/emp density.h	43.5 access * pop/emp density change.
Normalized Measure Value (0-100)	4.0	3.4	4.0	0.9	1.0	0.8	15.2	0.2	3.2	0.6	5.0	1.5	69.3	65.9
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	3.7		3.1		3.8			0.9			5.0		67.6	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%	5 (max point reduction)	10%	
Weighted Factor Value	0.6		0.6		1.0			0.2			0.5	-0.1	6.8	
Project Benefit	9.5													
SMART SCALE Cost	$23,714,763													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**4.0**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

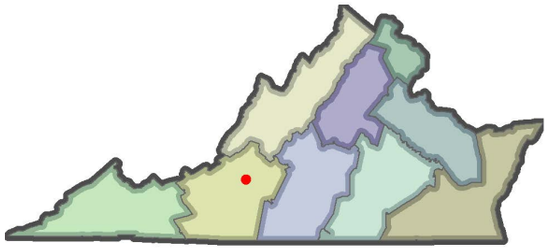
Route 460 at West Ruritan Road Intersection Improvements

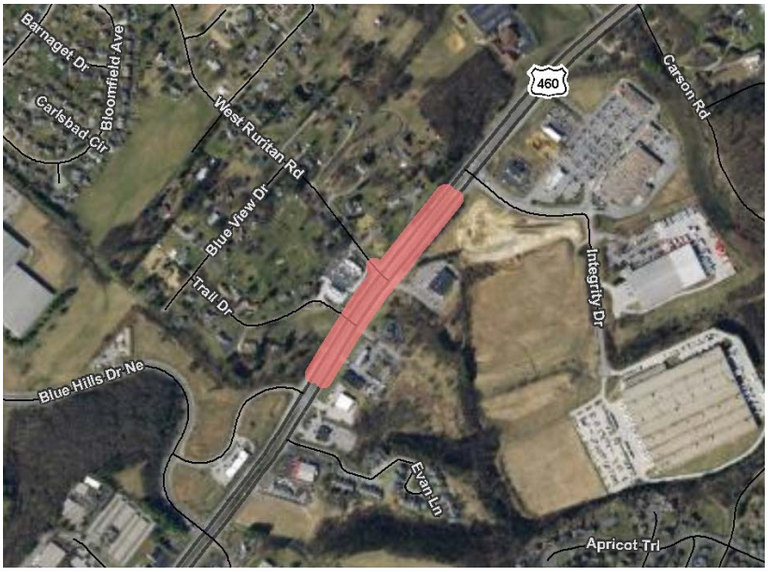
Project Id: 7117

Construct a Thru-Cut at the intersection of Route 460 and West Ruritan Road to prohibit northbound and southbound movements to cross Route 460. These movements will instead make U-turns at Blue Hills Village Drive and Valley Gateway Boulevard. The West Ruritan Road intersection modifications will result in a traffic signal phase reduction. ADA curb ramps, crosswalks, and pedestrian signals will also be included.

5.6 SMART SCALE SCORE	**#108** OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$6,751,948
		Total Project Cost	$7,537,497
	#18 OF 59 DISTRICTWIDE	**Project Benefit**	3.8
		Project Benefit / Total Cost	5.0

Submitting Entity: Roanoke Valley Transportation Planning Organization
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: HPP
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance





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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	27.1 persons	3.9 person hrs.	43.1 EPDO	1,954.4 EPDO / 100M VMT	5.4 jobs per resident	3.3 jobs per resident	40.6 adjusted users	149,883.1 adj sq. ft.	11,477.3 daily tons	6,884,458.8 adj. buffer time index	54.2 adjusted points	0.1 impacted acres	12.3 access * pop/emp density.h	14.0 access * pop/emp density change.
Normalized Measure Value (0-100)	1.5	0.6	6.9	5.5	0.3	0.2	1.7	0.2	0.9	0.1	1.2	0.0	18.6	21.2
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	1.0		6.5		0.6			0.3			1.2		19.9	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%	5 (max point reduction)	10%	
Weighted Factor Value	0.2		1.3		0.1			0.1			0.1	0.0	2.0	
Project Benefit	3.8													
SMART SCALE Cost	$6,751,948													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**5.6**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

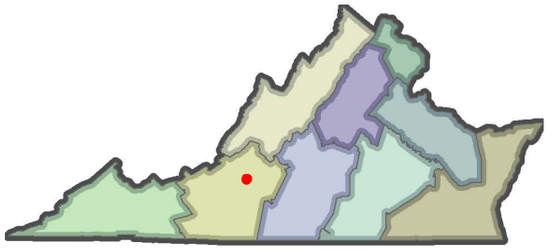
Route 460 Intersections from Carson Rd. to Huntridge Rd. Project Id: 7118

Improve a series of four intersections with Innovative Intersections to include the following: RCUTs (Restricted Crossing U-Turn Intersections) at Carson Rd., East Ruritan Rd./Bonsack Rd., Country Corner and channelized directional left at Huntridge Rd.

11.1 SMART SCALE SCORE			
	#45	OF 397 STATEWIDE	
	#5	OF 59 DISTRICTWIDE	

SMART SCALE Requested Funds	$2,339,028
Total Project Cost	$2,766,831
Project Benefit	2.6
Project Benefit / Total Cost	9.4

Submitting Entity: Roanoke Valley Transportation Planning Organization
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: HPP
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	0.0 persons	3.3 person hrs.	40.0 EPDO	702.3 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	270,456.1 adj sq. ft.	0.0 daily tons	17,065,079.4 adj. buffer time index	0.0 adjusted points	0.7 impacted acres	9.5 access * pop/emp density.h	10.2 access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.5	6.4	2.0	0.0	0.0	0.0	0.4	0.0	0.2	0.0	0.1	14.3	15.4
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	0.3		5.1		0.0			0.3			0.0		14.9	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%	5 (max point reduction)	10%	
Weighted Factor Value	0.0		1.0		0.0			0.1			0.0	0.0	1.5	
Project Benefit	2.6													
SMART SCALE Cost	$2,339,028													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**11.1**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

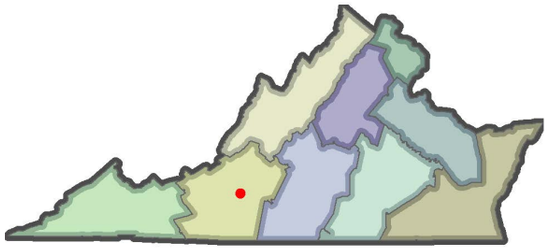
PROJECT SCORECARD

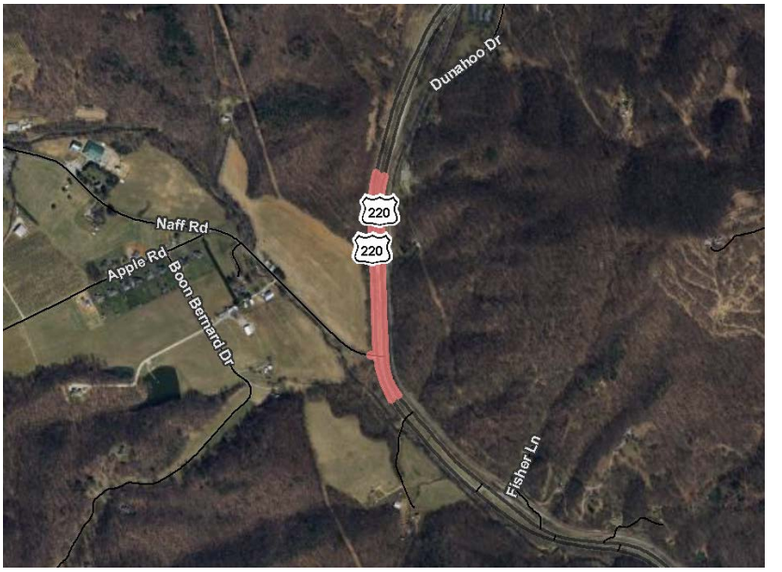
Roadway Improvements on Rtes 220/613 (Naff Road) Project Id: 6879

Construct a new southbound right turn lane on Route 220 and extend the existing northbound left turn lane on Route 220.

5.0 SMART SCALE SCORE	**#122** OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$5,866,387
		Total Project Cost	$5,866,387
	#20 OF 59 DISTRICTWIDE	**Project Benefit**	2.9
		Project Benefit / Total Cost	5.0

Submitting Entity: Roanoke Valley-Alleghany Regional Commission
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: HPP
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance





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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	0.0 persons	0.0 person hrs.	3.5 EPDO	227.4 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	1,563,342.2 adj sq. ft.	0.0 daily tons	621,416.2 adj. buffer time index	1,028.0 adjusted points	18.0 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	0.6	0.6	0.0	0.0	0.0	2.5	0.0	0.0	23.1	1.4		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.0		0.6		0.0			1.5			23.1			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		0.2		0.0			0.5			2.3	-0.1		
Project Benefit	2.9													
SMART SCALE Cost	$5,866,387													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**5.0**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

I-581 at Exit 2 Interchange Improvements

Project Id: 6891

Operational and safety improvements at the I-581 Exit 2 Interchange including close two I-581 off-ramps with substandard weave movements, signalize remaining I-581 off-ramps, restrict left turns from SB Thirlane Rd to minimize conflict points near interchange ramps, add a downstream U-turn along Peters Creek Rd for re-directed left turns, add a second EB Peters Creek left turn lane onto Valleypointe Pkwy to increase capacity, and add pedestrian and bicycle accommodations along Peters Creek Rd.

1.3 SMART SCALE SCORE	**#274** OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$28,225,261
		Total Project Cost	$28,225,261
	#38 OF 59 DISTRICTWIDE	**Project Benefit**	3.7
		Project Benefit / Total Cost	1.3

Submitting Entity: Roanoke Valley-Alleghany Regional Commission
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: HPP
Evacuation Route: No
VTRANS Need: Corridor of Statewide Significance

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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	44.4 persons	0.0 person hrs.	0.0 EPDO	0.0 EPDO / 100M VMT	17.8 jobs per resident	25.2 jobs per resident	222.2 adjusted users	2,151,681.8 adj sq. ft.	0.0 daily tons	26,686,141.8 adj. buffer time index	0.0 adjusted points	1.0 impacted acres	16.6 access * pop/emp density.h	15.3 access * pop/emp density change.
Normalized Measure Value (0-100)	2.4	0.0	0.0	0.0	1.0	1.3	9.1	3.5	0.0	0.2	0.0	0.1	25.1	23.3
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	1.2		0.0		2.7			2.1			0.0		24.2	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%	5 (max point reduction)	10%	
Weighted Factor Value	0.2		0.0		0.7			0.4			0.0	0.0	2.4	
Project Benefit	3.7													
SMART SCALE Cost	$28,225,261													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.3**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

ROANOKE RIVER GREENWAY GOLDEN SPIKE

Project Id: 6697

Construct approximately 4,785 LF of mulituse trail, linking the existing Roanoke River Greenway at Rotary Park (0.91 miles) with the existing section of Roanoke River Greenway at Cook Drive which connects to many additional miles of the greenway in the City of Roanoke.

7.1 SMART SCALE SCORE			
	#93 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$4,520,561
		Total Project Cost	$4,520,561
	#14 OF 59 DISTRICTWIDE	**Project Benefit**	3.2
		Project Benefit / Total Cost	7.1

Submitting Entity: Salem City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: No
VTRANS Need: Regional Network

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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	42.1 persons	0.0 person hrs.	0.6 EPDO	16.0 EPDO / 100M VMT	4.9 jobs per resident	4.5 jobs per resident	126.4 adjusted users	127,971.7 adj sq. ft.	0.0 daily tons	0.0 adj. buffer time index	0.0 adjusted points	39.0 impacted acres	18.1 access * pop/emp density.h	19.2 access * pop/emp density change.
Normalized Measure Value (0-100)	2.3	0.0	0.1	0.0	0.3	0.2	5.2	0.2	0.0	0.0	0.0	3.0	27.4	29.1
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	1.1		0.1		1.3			0.1			0.0		28.3	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%	5 (max point reduction)	10%	
Weighted Factor Value	0.2		0.0		0.3			0.0			0.0	-0.2	2.8	
Project Benefit	3.2													
SMART SCALE Cost	$4,520,561													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**7.1**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

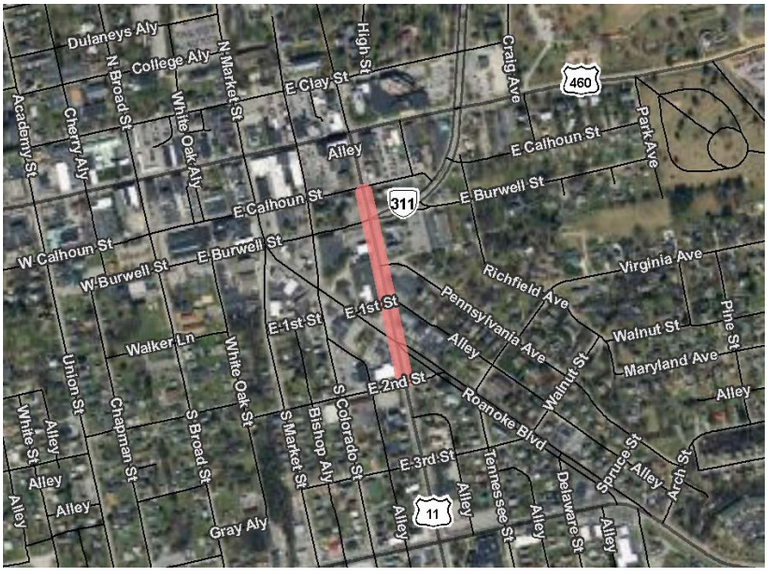
Downtown Salem - College Avenue Improvements

Project Id: 6698

Extend Slaem's Downtown Plan Intersection and Streetscape Improvements along College Avenue (US11) from Calhoun Street to the south side of 2nd Street. Project is similar to UPC 108853, and Smartscale ID 1341. Improve turn movements at College Avenue and Thompson Memorial.

16.9 SMART SCALE SCORE	**#23** OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$2,469,332
		Total Project Cost	$3,017,132
	#1 OF 59 DISTRICTWIDE	**Project Benefit**	4.2
		Project Benefit / Total Cost	13.9

Submitting Entity: Salem City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	24.4 persons	1.3 person hrs.	8.6 EPDO	2,269.8 EPDO / 100M VMT	0.9 jobs per resident	0.5 jobs per resident	122.0 adjusted users	117,777.2 adj sq. ft.	0.0 daily tons	1,783,728.3 adj. buffer time index	122.0 adjusted points	16.7 impacted acres	18.6 access * pop/emp density.h	21.1 access * pop/emp density change.
Normalized Measure Value (0-100)	1.3	0.2	1.4	6.4	0.1	0.0	5.0	0.2	0.0	0.0	2.7	1.3	28.1	32.0
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	0.8		2.9		1.0			0.1			2.7		30.0	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%	5 (max point reduction)	10%	
Weighted Factor Value	0.1		0.6		0.3			0.0			0.3	-0.1	3.0	
Project Benefit	4.2													
SMART SCALE Cost	$2,469,332													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**16.9**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

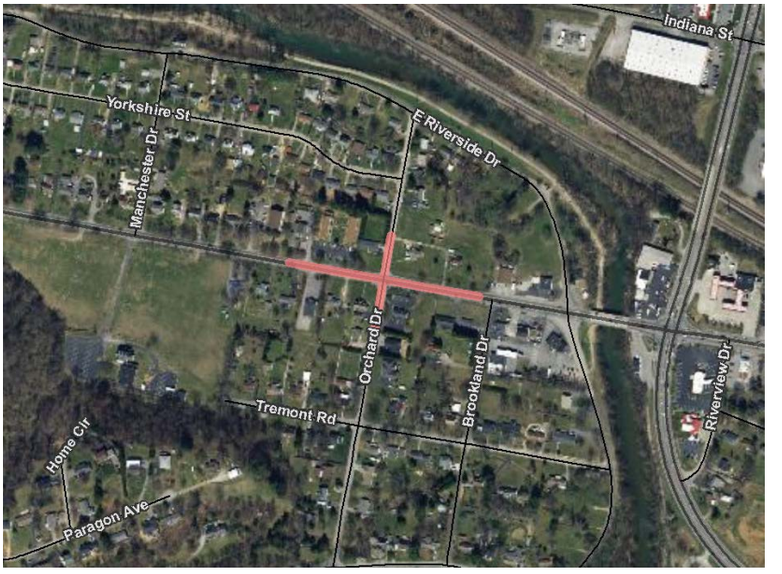
APPERSON DRIVE (RT 11) AND ORCHARD INTERSECTION IMPROVEMENTS

Project Id: 6699

Improve turn movements, increase safety, and reduce delay at the intersection of Apperson Dr (Route 11) and Orchard Dr by installing a traffic signal which will be coordinated with the nearby signal at the intersection of Apperson Dr and Route 419, constructing an eastbound right turn lane along Apperson Dr, restriping Apperson Dr to include both eastbound and westbound left turn lanes, and restriping northbound Orchard Dr to provide a shared left-through lane and a dedicated right turn lane.

12.2 SMART SCALE SCORE	**#36** OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$2,387,558
		Total Project Cost	$2,387,558
	#4 OF 59 DISTRICTWIDE	**Project Benefit**	2.9
		Project Benefit / Total Cost	12.2

Submitting Entity: Salem City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	8.1 persons	5.7 person hrs.	2.2 EPDO	320.4 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	0.0 adj sq. ft.	0.0 daily tons	487,646.2 adj. buffer time index	0.0 adjusted points	19.7 impacted acres	17.3 access * pop/emp density.h	19.4 access * pop/emp density change.
Normalized Measure Value (0-100)	0.4	0.9	0.4	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	26.2	29.5
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	0.7		0.5		0.0			0.0			0.0		27.8	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%	5 (max point reduction)	10%	
Weighted Factor Value	0.1		0.1		0.0			0.0			0.0	-0.1	2.8	
Project Benefit	2.9													
SMART SCALE Cost	$2,387,558													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**12.2**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

DOWNTOWN SALEM - MARKET STREET INTERSECTION IMPROVEMENTS

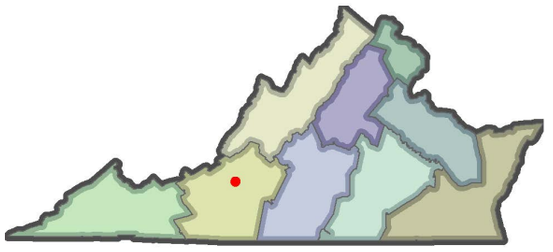
Project Id: 6700

Complete a missing link in Salem's Downtown intersection and streetscape improvements pan. Main Street - from west side of White Oak Alley to the east side of Market Street. Shortens pedestrian crossings, provides bike and pedestrian amenities, adds bump outs, landscaping, and improved lighting.

15.5 SMART SCALE SCORE		
	#26	OF 397 STATEWIDE
	#2	OF 59 DISTRICTWIDE

SMART SCALE Requested Funds	$2,311,825
Total Project Cost	$2,311,825
Project Benefit	3.6
Project Benefit / Total Cost	15.5

Submitting Entity: Salem City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	43.4 persons	0.0 person hrs.	3.3 EPDO	757.5 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	65.1 adjusted users	3,576.4 adj sq. ft.	0.0 daily tons	0.0 adj. buffer time index	0.0 adjusted points	11.1 impacted acres	19.4 access * pop/emp density.h	21.7 access * pop/emp density change.
Normalized Measure Value (0-100)	2.3	0.0	0.5	2.1	0.0	0.0	2.7	0.0	0.0	0.0	0.0	0.9	29.3	32.9
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	1.2		1.0		0.5			0.0			0.0		31.1	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%	5 (max point reduction)	10%	
Weighted Factor Value	0.2		0.2		0.1			0.0			0.0	0.0	3.1	
Project Benefit	3.6													
SMART SCALE Cost	$2,311,825													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**15.5**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

Walnut Avenue Corridor Improvements Phase 3 Project

Project Id: 6727

The project will provide curb and gutter, sidewalks, crosswalks, designated bike lanes, pedestrian lighting and ADA ramps.

9.1 SMART SCALE SCORE	**#70** OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$7,399,781
		Total Project Cost	$7,399,781
	#10 OF 59 DISTRICTWIDE	**Project Benefit**	6.7
		Project Benefit / Total Cost	9.1

Submitting Entity: Vinton Town
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: No
VTRANS Need: Regional Network

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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	14.8 persons	0.9 person hrs.	0.0 EPDO	0.0 EPDO / 100M VMT	4.3 jobs per resident	3.9 jobs per resident	44.3 adjusted users	68,913.0 adj sq. ft.	582.3 daily tons	0.0 adj. buffer time index	59.1 adjusted points	20.4 impacted acres	44.1 access * pop/emp density.h	40.7 access * pop/emp density change.
Normalized Measure Value (0-100)	0.8	0.2	0.0	0.0	0.3	0.2	1.8	0.1	0.0	0.0	1.3	1.6	66.7	61.8
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	0.5		0.0		0.6			0.1			1.3		64.3	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%	5 (max point reduction)	10%	
Weighted Factor Value	0.1		0.0		0.1			0.0			0.1	-0.1	6.4	
Project Benefit	6.7													
SMART SCALE Cost	$7,399,781													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**9.1**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

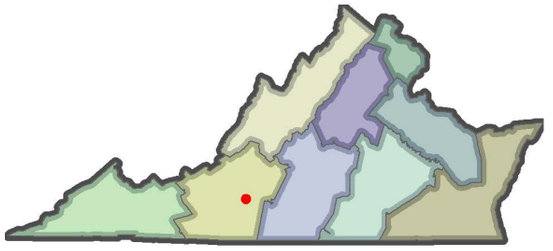
US 220 and Iron Ridge Rd Intersection Improvements

Project Id: 6907

The project will reconfigure the 4-way intersection of Rte 220 and Iron Ridge Rd as a Restricted Crossing U-Turn (R-CUT) to address safety and capacity preservation per VTrans 2045 and the Arterial Preservation Program. Loons will be constructed to both the north and south of the proposed R-CUT. An existing crossover to the south of the R-CUT will be removed and an existing crossover to the north of the R-CUT will be reconfigured to provide a directional left into Town and Country Drive.

2.5 SMART SCALE SCORE			
	#210 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$11,593,656
		Total Project Cost	$11,593,656
	#31 OF 59 DISTRICTWIDE	**Project Benefit**	2.9
		Project Benefit / Total Cost	2.5

Submitting Entity: West Piedmont Planning District Commission
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: HPP
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	0.0 persons	1.0 person hrs.	15.0 EPDO	337.6 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	157,615.0 adj sq. ft.	0.0 daily tons	3,543,021.8 adj. buffer time index	983.0 adjusted points	0.2 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.2	2.4	0.9	0.0	0.0	0.0	0.3	0.0	0.0	22.1	0.0		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.1		2.0		0.0			0.2			22.1			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		0.6		0.0			0.1			2.2	0.0		
Project Benefit	2.9													
SMART SCALE Cost	$11,593,656													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**2.5**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

Town of Stuart Pedestrian Improvement

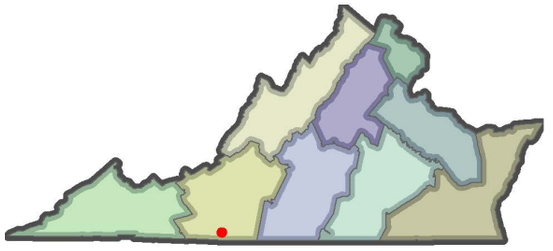
Project Id: 6971

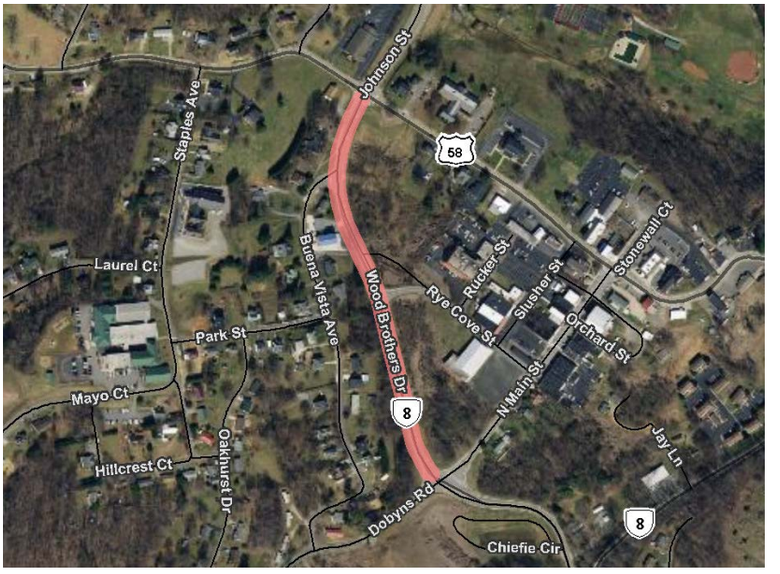
The project will involve the construction of a sidewalk along the east side of Wood Brothers Drive between North Main Street and West Blue Ridge Street in the Town of Stuart, a distance of approximately 1,640 ft. The sidewalk will connect to existing sidewalks and/or crosswalks at both termini. Furthermore, worn away grass forming a "pathway of desire" indicates a robust demand for a pedestrian connection along this road.

0.4 SMART SCALE SCORE	**#348** OF 397 STATEWIDE
	#49 OF 59 DISTRICTWIDE

SMART SCALE Requested Funds	$953,836
Total Project Cost	$953,836
Project Benefit	0.0
Project Benefit / Total Cost	0.4

Submitting Entity: West Piedmont Planning District Commission
Preliminary Engineering: Not Started
Right of Way: Not Needed
Construction: Not Started
Eligible Fund Program: HPP
Evacuation Route: No
VTRANS Need: Corridor of Statewide Significance





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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	2.6 persons	0.0 person hrs.	0.0 EPDO	0.0 EPDO / 100M VMT	2.1 jobs per resident	2.3 jobs per resident	3.9 adjusted users	105,480.3 adj sq. ft.	0.0 daily tons	0.0 adj. buffer time index	0.0 adjusted points	5.2 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.1	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.0	0.0	0.0	0.4		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.1		0.0		0.1			0.1			0.0			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		0.0		0.0			0.0			0.0	0.0		
Project Benefit	0.0													
SMART SCALE Cost	$953,836													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.4**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

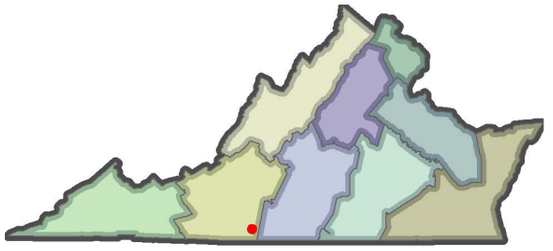
Improvement to US 58 Business and Dogwood Drive Intersection

Project Id: 7059

The project will widen Dogwood Drive (Rt 930) at its intersection with U.S. Route 58 Business to add a right turn lane on the Rt 930 approach to U.S. 58, as traffic from nearby Laurel Park Middle School causes backups on Dogwood Drive as this location. The project will also incorporate access management by relocating the existing U.S. Route 58 and Rt 930 entrances of an adjacent gas station. Project will also provide a right turn lane off of U.S. 58 Business Westbound onto Rt 930.

5.9 SMART SCALE SCORE			
	#106 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$2,494,016
		Total Project Cost	$2,494,016
	#17 OF 59 DISTRICTWIDE	**Project Benefit**	1.5
		Project Benefit / Total Cost	5.9

Submitting Entity: West Piedmont Planning District Commission
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: HPP
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	0.0 persons	0.0 person hrs.	9.7 EPDO	4,539.1 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	0.0 adj sq. ft.	0.0 daily tons	173,075.9 adj. buffer time index	0.0 adjusted points	0.9 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	1.6	12.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.0		4.9		0.0			0.0			0.0			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		1.5		0.0			0.0			0.0	0.0		
Project Benefit	1.5													
SMART SCALE Cost	$2,494,016													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**5.9**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

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STAUNTON DISTRICT

FY 2022

SCORECARDS

Commonwealth Transportation Board
Office of Intermodal Planning and Investment
Virginia Department of Transportation
Virginia Department of Rail and Public Transportation

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SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

Display Id	Project Name	Organization	District Rank	State Rank	Page #
6813	BRITE Pedestrian Improvements: Route 250 & Sangers Lane	BRITE Transit	1	8	09-06
6703	Mount Crawford Park and Ride Lot Improvements	Harrisonburg-Rockingham Metropolitan Planning Organization	2	16	09-22
6815	BRITE Pedestrian Improvements	BRITE Transit	3	20	09-08
6831	Port Republic Road Turn Lane and Sidewalk	Harrisonburg City	4	48	09-18
6935	Rte. 340/522 Corridor Safety Improvements	Warren County	5	54	09-31
7099	Port Republic Rd Corridor Improvements	Harrisonburg-Rockingham Metropolitan Planning Organization	6	55	09-24
6738	Weyers Cave Road (Rt. 256) Turn Lane Project	Augusta County	7	58	09-01
6736	Rosser Avenue (Route 340) Corridor Improvements	Staunton-Augusta-Waynesboro Metropolitan Planning Organization	8	63	09-30
7165	Pleasant Valley Road Access Management near Spring Street	Winchester City	9	66	09-40
6939	US 11 South of Staunton STARS Study Recommendations	Augusta County	10	69	09-04
7141	S. Main and I-81 Exit 243 Interchange Improvements	Harrisonburg City	11	89	09-21
6814	BRITE Pedestrian Improvements:Route 250 & Lew Dewitt Blvd	BRITE Transit	12	92	09-07
6702	South Street	Front Royal Town	13	95	09-17
6701	Commerce Road/Lewis Creek Greenway	Central Shenandoah Planning District Commission	14	96	09-10
6852	Greenville Avenue (US 11) Road Diet	Central Shenandoah Planning District Commission	15	100	09-11
7166	Pleasant Valley Road Access Management at Parkview	Winchester City	16	111	09-41
6731	Richmond Road (US 250) and Crossing Way Shared Use Path	Staunton-Augusta-Waynesboro Metropolitan Planning Organization	17	118	09-28
7098	N. Main Street Sidewalk	Central Shenandoah Planning District Commission	18	121	09-12
7139	S. Main Street Safety Improvements	Harrisonburg City	19	135	09-20
7125	Smithland Road (Route 720) Widening	Rockingham County	20	137	09-27
7075	US 250 (West Main Street) Corridor Improvements	Waynesboro City	21	158	09-36
6953	Route 42 Corridor Improvements - East	Northern Shenandoah Valley Regional Commission	22	164	09-25
6901	Hermitage Rd (Rt. 254) Intersection Improvements	Augusta County	23	171	09-02
6769	Broad Street Streetscape	Waynesboro City	24	174	09-34

SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

Display Id	Project Name	Organization	District Rank	State Rank	Page #
6940	Route 42 - Ox Road Intersection Improvement	Woodstock Town	25	187	09-42
6962	Exit 317 NB Ramp Realignment to Redbud Rd Location	Frederick County	26	189	09-15
6871	Route 11/Old Charles Town Roundabout	Win-Fred Metropolitan Planning Organization	27	190	09-38
7028	Rte. 55 West & Rte. 678/610 Intersection Improvements	Warren County	28	197	09-33
7131	Route 7 STARS Access Management Projects	Northern Shenandoah Valley Regional Commission	29	212	09-26
6941	Route 42 Corridor - West	Woodstock Town	30	228	09-43
6845	Pear St/Erickson Ave Modified RCUT	Harrisonburg City	31	234	09-19
7097	Bluestone Trail Extension	Harrisonburg-Rockingham Metropolitan Planning Organization	32	236	09-23
6963	Route 11 - Shawnee Improvement	Frederick County	33	286	09-16
6934	US 250 West of Waynesboro STARS Study Recommendations	Augusta County	34	288	09-03
7160	Pleasant Valley Road - Featherbed Lane Roadway Improvements	Winchester City	35	301	09-39
6865	Exit 317 Interchange Improvement Project	Win-Fred Metropolitan Planning Organization	36	304	09-37
6944	Rte. 55 & High Knob Rd. Intersection Improvements	Warren County	37	308	09-32
6812	BRITE Pedestrian Improvements: Route 11 & Dick Huff Lane	BRITE Transit	38	330	09-05
7197	Paper Trail Pedestrian Bridge	Covington City	39	334	09-14
7113	Rt 60/Rt 501 Pedestrian Improvements	Buena Vista City	40	337	09-09
6735	Woodrow Wilson Complex Long Term Access Improvements	Staunton-Augusta-Waynesboro Metropolitan Planning Organization	41	343	09-29
7044	Crozet Tunnel Trail	Waynesboro City	42	362	09-35
6954	Ox Road Bicycle and Pedestrian Improvements	Woodstock Town	43	366	09-44
7173	East Madison Sidewalk Improvements	Covington City	44	367	09-13
7067	Water Street Bicycle and Pedestrian Improvements	Woodstock Town	45	388	09-45

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

Weyers Cave Road (Rt. 256) Turn Lane Project

Project Id: 6738

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).

9.9 SMART SCALE SCORE	**#58** OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$8,508,915
		Total Project Cost	$8,508,915
	#7 OF 45 DISTRICTWIDE	**Project Benefit**	8.4
		Project Benefit / Total Cost	9.9

Submitting Entity: Augusta County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: No
VTRANS Need: Corridor of Statewide Significance

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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	22.1 persons	9.7 person hrs.	4.2 EPDO	0.6 EPDO / 100M VMT	20.7 jobs per resident	12.6 jobs per resident	110.6 adjusted users	306,455.9 adj sq. ft.	4,857.3 daily tons	0.0 adj. buffer time index	3,354.9 adjusted points	0.1 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	1.2	1.6	0.7	0.0	1.2	0.6	4.5	0.5	0.4	0.0	75.4	0.0		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	1.4		0.5		1.8			0.4			75.4			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.2		0.1		0.4			0.1			7.5	0.0		
Project Benefit	8.4													
SMART SCALE Cost	$8,508,915													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**9.9**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

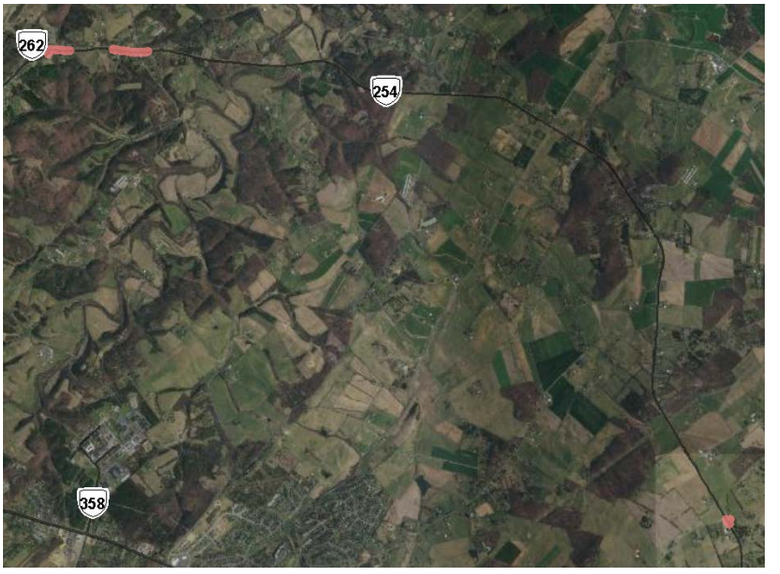
Hermitage Rd (Rt. 254) Intersection Improvements

Project Id: 6901

This project involves intersection improvements at three intersections along Route 254. The intersections combined have experienced at least 56 crashes in the period 2013-2019 with one fatality.

3.4 SMART SCALE SCORE			
	#171 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$2,902,266
		Total Project Cost	$2,902,266
	#23 OF 45 DISTRICTWIDE	**Project Benefit**	1.0
		Project Benefit / Total Cost	3.4

Submitting Entity: Augusta County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: No
VTRANS Need: Regional Network



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	0.0 persons	0.0 person hrs.	10.2 EPDO	1,562.7 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	739,946.8 adj sq. ft.	0.0 daily tons	0.0 adj. buffer time index	0.0 adjusted points	0.7 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	1.6	4.4	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.1		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.0		2.5		0.0			0.7			0.0			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		0.7		0.0			0.2			0.0	0.0		
Project Benefit	1.0													
SMART SCALE Cost	$2,902,266													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**3.4**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

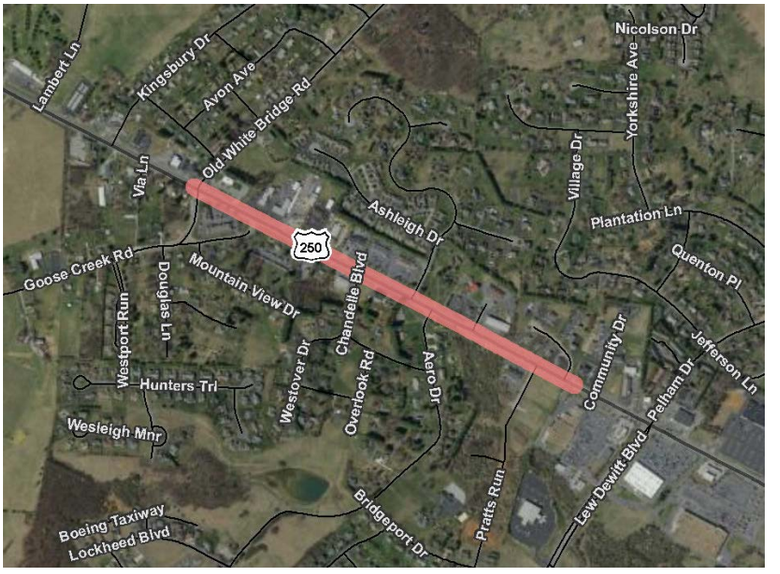
US 250 West of Waynesboro STARS Study Recommendations

Project Id: 6934

Reduce crashes and improve pedestrian safety along US 250 West of the City of Waynesboro through access management with the addition of a raised median, addition of sidewalk on one side of the roadway, and revision of signal phasing at existing signal to improve safety and operations.

1.1 SMART SCALE SCORE	#288 OF 397 STATEWIDE	SMART SCALE Requested Funds	$4,297,278
		Total Project Cost	$4,297,278
	#34 OF 45 DISTRICTWIDE	Project Benefit	0.5
		Project Benefit / Total Cost	1.1

Submitting Entity: Augusta County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	13.6 persons	0.0 person hrs.	7.9 EPDO	259.0 EPDO / 100M VMT	1.4 jobs per resident	1.0 jobs per resident	67.9 adjusted users	119,072.5 adj sq. ft.	0.0 daily tons	1,709,691.6 adj. buffer time index	0.0 adjusted points	5.6 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.7	0.0	1.3	0.7	0.1	0.0	2.8	0.2	0.0	0.0	0.0	0.4		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.4		1.1		0.6			0.1			0.0			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.1		0.3		0.2			0.0			0.0	0.0		
Project Benefit	0.5													
SMART SCALE Cost	$4,297,278													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.1**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

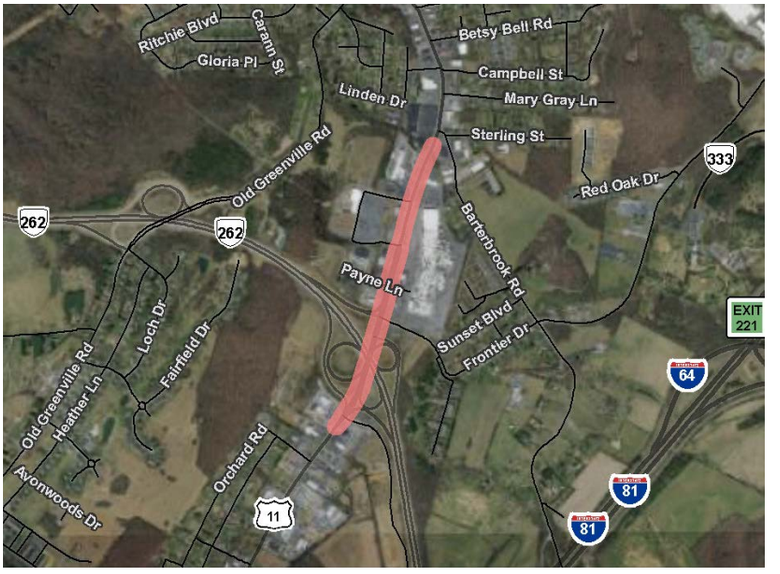
US 11 South of Staunton STARS Study Recommendations

Project Id: 6939

Reduce crashes and improve pedestrian safety along US 11 South of the City of Staunton through access management with the addition of a raised median, sidewalk, revision of signal phasing, and systemic signal safety and operational improvements.

9.1 SMART SCALE SCORE	**#69** OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$2,556,277
		Total Project Cost	$2,556,277
	#10 OF 45 DISTRICTWIDE	**Project Benefit**	2.3
		Project Benefit / Total Cost	9.1

Submitting Entity: Augusta County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	9.6 persons	1.6 person hrs.	38.9 EPDO	4,862.1 EPDO / 100M VMT	0.4 jobs per resident	0.3 jobs per resident	14.5 adjusted users	306,447.4 adj sq. ft.	0.0 daily tons	809,333.7 adj. buffer time index	19.3 adjusted points	0.2 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.5	0.3	6.2	13.6	0.0	0.0	0.6	0.5	0.0	0.0	0.4	0.0		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.4		8.5		0.1			0.3			0.4			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.1		2.1		0.0			0.1			0.0	0.0		
Project Benefit	2.3													
SMART SCALE Cost	$2,556,277													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**9.1**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

BRITE Pedestrian Improvements: Route 11 & Dick Huff Lane — Project Id: 6812

Install high-visibility cross-walk with a pedestrian signal and intersection lighting at the intersection of US 11 and Dick Huff Lane. Install connecting sidewalk and a bus shelter for the southbound BRCC Connector stop on the west side of the highway.

0.6 SMART SCALE SCORE	**#330** OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$1,439,945
		Total Project Cost	$1,439,945
	#38 OF 45 DISTRICTWIDE	**Project Benefit**	0.1
		Project Benefit / Total Cost	0.6

Submitting Entity: BRITE Transit
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: HPP
Evacuation Route: No
VTRANS Need: Regional Network

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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	4.4 persons	0.0 person hrs.	0.3 EPDO	2.1 EPDO / 100M VMT	0.2 jobs per resident	0.2 jobs per resident	22.2 adjusted users	19,952.1 adj sq. ft.	0.0 daily tons	16,225,568.4 adj. buffer time index	0.0 adjusted points	0.0 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.2	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.2	0.0	0.0		
Measure Weight (% of Factor)	50%	50%	100%	0%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.1		0.0		0.2			0.0			0.0			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		0.0		0.0			0.0			0.0	0.0		
Project Benefit	0.1													
SMART SCALE Cost	$1,439,945													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.6**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

BRITE Pedestrian Improvements: Route 250 & Sangers Lane

Project Id: 6813

Improve pedestrian access and safety at the eastbound and westbound bus stops located on US 250 at the intersection with Brand Station Road / Sangers Lane by providing bus shelters, sidewalk, a pedestrian crossing on US 250, intersection lighting and a park and ride.

32.1 SMART SCALE SCORE	**#8** OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$1,951,810
		Total Project Cost	$1,951,810
	#1 OF 45 DISTRICTWIDE	**Project Benefit**	6.3
		Project Benefit / Total Cost	32.1

Submitting Entity: BRITE Transit
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: HPP
Evacuation Route: No
VTRANS Need: Regional Network

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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	16.8 persons	0.8 person hrs.	1.3 EPDO	0.1 EPDO / 100M VMT	6.5 jobs per resident	4.0 jobs per resident	84.1 adjusted users	89,341.2 adj sq. ft.	0.0 daily tons	676,310,624.4 adj. buffer time index	2,483.1 adjusted points	2.4 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.9	0.1	0.2	0.0	0.4	0.2	3.5	0.1	0.0	6.3	55.8	0.2		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.5		0.1		1.0			1.3			55.8			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.1		0.0		0.2			0.3			5.6	0.0		
Project Benefit	6.3													
SMART SCALE Cost	$1,951,810													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**32.1**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

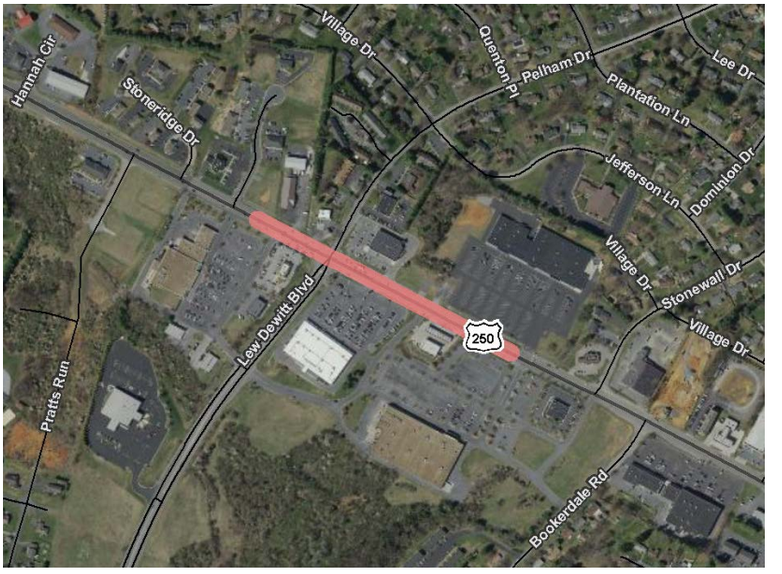
PROJECT SCORECARD

BRITE Pedestrian Improvements:Route 250 & Lew Dewitt Blvd Project Id: 6814

Improve pedestrian access and enhance safety by providing bus shelters and connecting sidewalk and crossings at the eastbound and westbound bus stops located on US 250 in the vicinity of the intersection with Lew Dewitt Boulevard.

7.2 SMART SCALE SCORE			
	#92 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$872,593
		Total Project Cost	$872,593
	#12 OF 45 DISTRICTWIDE	**Project Benefit**	0.6
		Project Benefit / Total Cost	7.2

Submitting Entity: BRITE Transit
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: HPP
Evacuation Route: No
VTRANS Need: Regional Network



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	35.7 persons	0.0 person hrs.	2.1 EPDO	13.3 EPDO / 100M VMT	0.3 jobs per resident	0.3 jobs per resident	178.7 adjusted users	91,496.2 adj sq. ft.	0.0 daily tons	11,215,670.2 adj. buffer time index	0.0 adjusted points	0.1 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	1.9	0.0	0.3	0.0	0.0	0.0	7.3	0.1	0.0	0.1	0.0	0.0		
Measure Weight (% of Factor)	50%	50%	100%	0%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	1.0		0.3		1.5			0.1			0.0			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.1		0.1		0.4			0.0			0.0	0.0		
Project Benefit	0.6													
SMART SCALE Cost	$872,593													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**7.2**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

BRITE Pedestrian Improvements

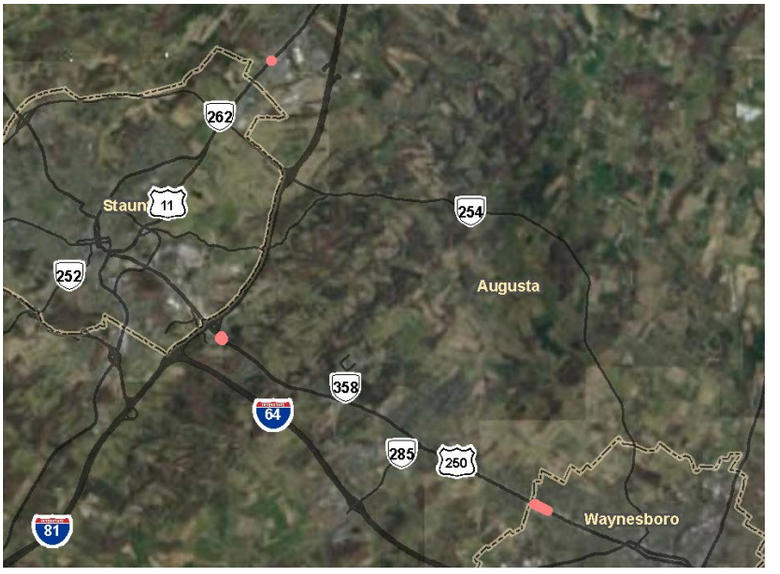
Project Id: 6815

This is a bundled application of bus stop and pedestrian improvements at three areas of high need on high-trafficked corridors: US-250 at Sangers Lane, US-250 at Lew Dewitt Boulevard, and US-11 at Dick Huff Lane. Shelters and supporting sidewalks and crossings will be provided at all three locations. Intersection lighting will be provided at Sangers Ln and Dick Huff Ln. A park and ride will be provided at Sangers Ln.

17.4 SMART SCALE SCORE			
	#20	OF 397 STATEWIDE	
	#3	OF 45 DISTRICTWIDE	

SMART SCALE Requested Funds	$4,156,791
Total Project Cost	$4,156,791
Project Benefit	7.2
Project Benefit / Total Cost	17.4

Submitting Entity: BRITE Transit
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: HPP
Evacuation Route: No
VTRANS Need: Regional Network



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	42.8 persons	0.8 person hrs.	3.5 EPDO	0.4 EPDO / 100M VMT	12.8 jobs per resident	7.2 jobs per resident	214.2 adjusted users	188,854.7 adj sq. ft.	0.0 daily tons	934,853,457.4 adj. buffer time index	2,613.2 adjusted points	2.5 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	2.3	0.1	0.6	0.0	0.7	0.4	8.8	0.3	0.0	8.7	58.8	0.2		
Measure Weight (% of Factor)	50%	50%	100%	0%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	1.2		0.6		2.3			1.9			58.8			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.2		0.1		0.6			0.5			5.9	0.0		
Project Benefit	7.2													
SMART SCALE Cost	$4,156,791													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**17.4**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

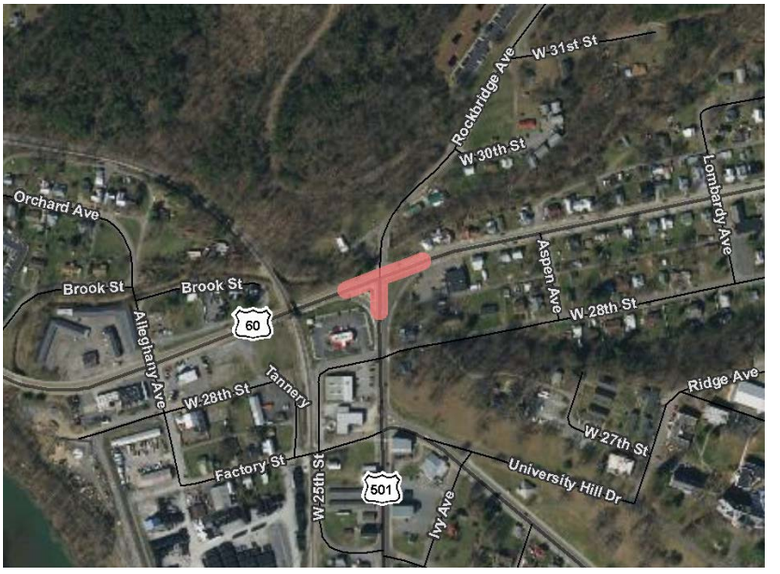
Rt 60/Rt 501 Pedestrian Improvements

Project Id: 7113

Construct new sidewalks and crosswalks at the intersection of Route 60 (29th Street) and Route 501 (Beech Avenue), add pedestrian push-button signals, and potentially make signal improvements.

0.6 SMART SCALE SCORE			
	#337 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$954,165
		Total Project Cost	$954,165
	#40 OF 45 DISTRICTWIDE	**Project Benefit**	0.1
		Project Benefit / Total Cost	0.6

Submitting Entity: Buena Vista City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: DGP
Evacuation Route: No
VTRANS Need: Urban Development Area



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	14.8 persons	0.0 person hrs.	0.0 EPDO	0.0 EPDO / 100M VMT	2.0 jobs per resident	2.0 jobs per resident	22.2 adjusted users	2,640.3 adj sq. ft.	0.0 daily tons	0.0 adj. buffer time index	0.0 adjusted points	6.7 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.8	0.0	0.0	0.0	0.1	0.1	0.9	0.0	0.0	0.0	0.0	0.5		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.4		0.0		0.3			0.0			0.0			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		0.0		0.0			0.0			0.0	0.0		
Project Benefit	0.1													
SMART SCALE Cost	$954,165													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.6**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

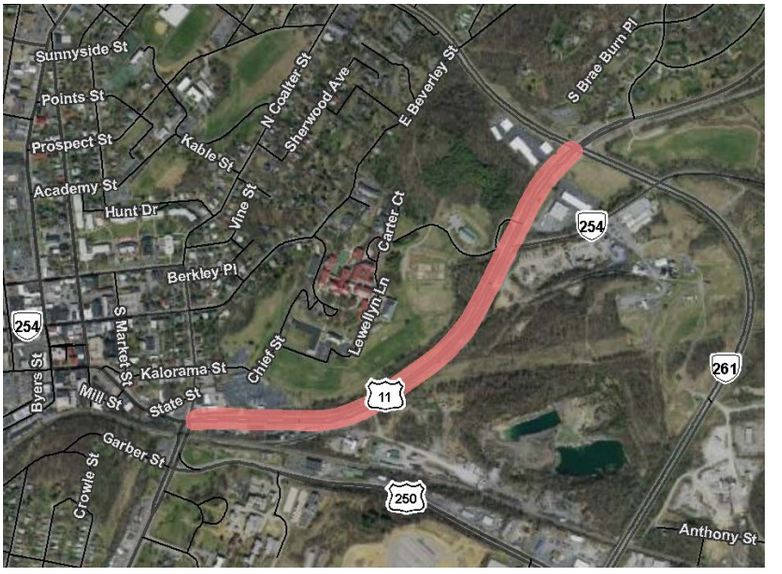
Commerce Road/Lewis Creek Greenway

Project Id: 6701

Convert 1 travel lane to a buffered shared use path on Commerce Ave/US 11 between Greenville Ave and Statler Blvd.

6.7 SMART SCALE SCORE			
	#96 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$4,256,402
		Total Project Cost	$4,256,402
	#14 OF 45 DISTRICTWIDE	**Project Benefit**	2.8
		Project Benefit / Total Cost	6.7

Submitting Entity: Central Shenandoah Planning District Commission
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: HPP
Evacuation Route: Yes
VTRANS Need: Regional Network



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	16.9 persons	0.0 person hrs.	31.3 EPDO	8,343.4 EPDO / 100M VMT	1.8 jobs per resident	2.9 jobs per resident	50.8 adjusted users	302,001.4 adj sq. ft.	0.0 daily tons	0.0 adj. buffer time index	0.0 adjusted points	16.7 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.9	0.0	5.0	23.4	0.1	0.1	2.1	0.5	0.0	0.0	0.0	1.3		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.5		10.5		0.5			0.3			0.0			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.1		2.6		0.1			0.1			0.0	-0.1		
Project Benefit	2.8													
SMART SCALE Cost	$4,256,402													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**6.7**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

Greenville Avenue (US 11) Road Diet

Project Id: 6852

Improve Greenville Avenue (US 11) by replacing the existing five-lane section with a three-lane section, intermittent median closures, and bike lanes on both sides of the road between Ritchie Boulevard and Richmond Avenue.

6.4 SMART SCALE SCORE			
	#100 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$3,727,694
		Total Project Cost	$3,727,694
	#15 OF 45 DISTRICTWIDE	**Project Benefit**	2.4
		Project Benefit / Total Cost	6.4

Submitting Entity: Central Shenandoah Planning District Commission
Preliminary Engineering: Not Started
Right of Way: Not Needed
Construction: Not Started
Eligible Fund Program: HPP
Evacuation Route: Yes
VTRANS Need: Regional Network

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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	4.2 persons	0.0 person hrs.	58.6 EPDO	2,478.1 EPDO / 100M VMT	10.2 jobs per resident	14.1 jobs per resident	20.9 adjusted users	295,954.9 adj sq. ft.	0.0 daily tons	6,995,557.0 adj. buffer time index	0.0 adjusted points	8.6 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.2	0.0	9.4	6.9	0.6	0.7	0.9	0.5	0.0	0.1	0.0	0.7		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.1		8.7		0.7			0.3			0.0			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		2.2		0.2			0.1			0.0	0.0		
Project Benefit	2.4													
SMART SCALE Cost	$3,727,694													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**6.4**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

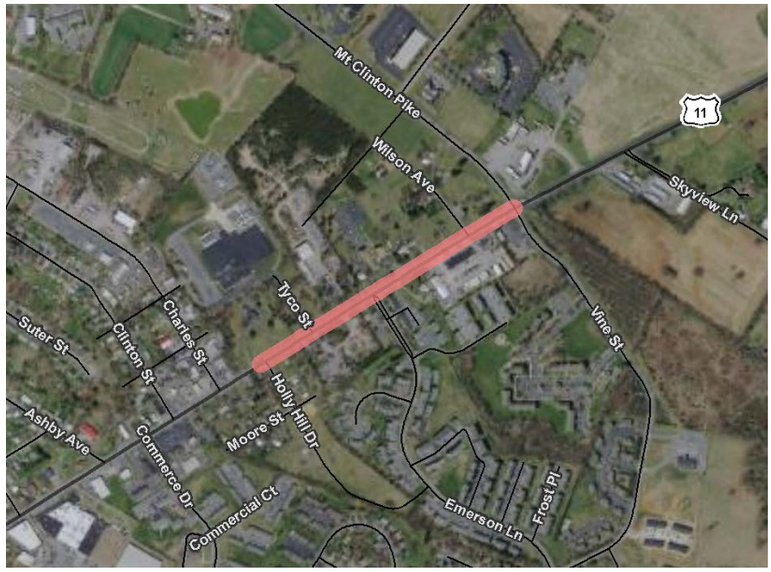
N. Main Street Sidewalk

Project Id: 7098

The project will construct 1,800 linear feet of sidewalk from Holly Hill Dr to Vine St. It will be 4" concrete construction, 5' wide, with a 2' grass buffer. Existing curb and gutter will be reconstructed, and new curb and gutter will replace 750' of currently open drainage. Four new drop inlets, ~800' of storm pipe, and 175' of retaining wall will be constructed. 10 entrances will be reconstructed with ADA accessibility. Signalized crosswalks will be added at the intersection with Vine St.

5.0 SMART SCALE SCORE	#121 OF 397 STATEWIDE	SMART SCALE Requested Funds	$2,241,025
		Total Project Cost	$2,512,305
	#18 OF 45 DISTRICTWIDE	Project Benefit	1.1
		Project Benefit / Total Cost	4.5

Submitting Entity: Central Shenandoah Planning District Commission
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: HPP
Evacuation Route: No
VTRANS Need: Regional Network



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	22.2 persons	0.0 person hrs.	1.8 EPDO	275.8 EPDO / 100M VMT	8.7 jobs per resident	9.8 jobs per resident	55.4 adjusted users	2,991,141.2 adj sq. ft.	0.0 daily tons	0.0 adj. buffer time index	0.0 adjusted points	0.0 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	1.2	0.0	0.3	0.8	0.5	0.5	2.3	4.8	0.0	0.0	0.0	0.0		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.6		0.4		0.9			2.9			0.0			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.1		0.1		0.2			0.7			0.0	0.0		
Project Benefit	1.1													
SMART SCALE Cost	$2,241,025													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**5.0**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

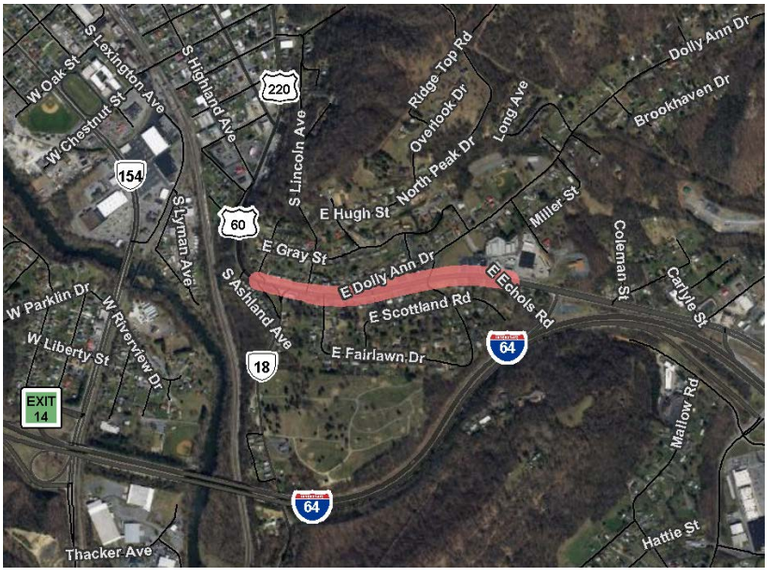
East Madison Sidewalk Improvements

Project Id: 7173

Construct a new 5' wide sidewalk along E. Madison Street from the terminus of the existing sidewalk near the intersection with Midland Heights Place to Echols Road, near the eastern city limits.

0.2 SMART SCALE SCORE	#367 OF 397 STATEWIDE	SMART SCALE Requested Funds	$2,534,922
		Total Project Cost	$2,534,922
	#44 OF 45 DISTRICTWIDE	Project Benefit	0.1
		Project Benefit / Total Cost	0.2

Submitting Entity: Covington City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: DGP
Evacuation Route: No
VTRANS Need: Urban Development Area



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	11.1 persons	0.0 person hrs.	0.0 EPDO	0.0 EPDO / 100M VMT	1.2 jobs per resident	1.6 jobs per resident	16.7 adjusted users	7,080.3 adj sq. ft.	0.0 daily tons	0.0 adj. buffer time index	0.0 adjusted points	1.3 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.6	0.0	0.0	0.0	0.1	0.1	0.7	0.0	0.0	0.0	0.0	0.1		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.3		0.0		0.2			0.0			0.0			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		0.0		0.0			0.0			0.0	0.0		
Project Benefit	0.1													
SMART SCALE Cost	$2,534,922													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.2**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

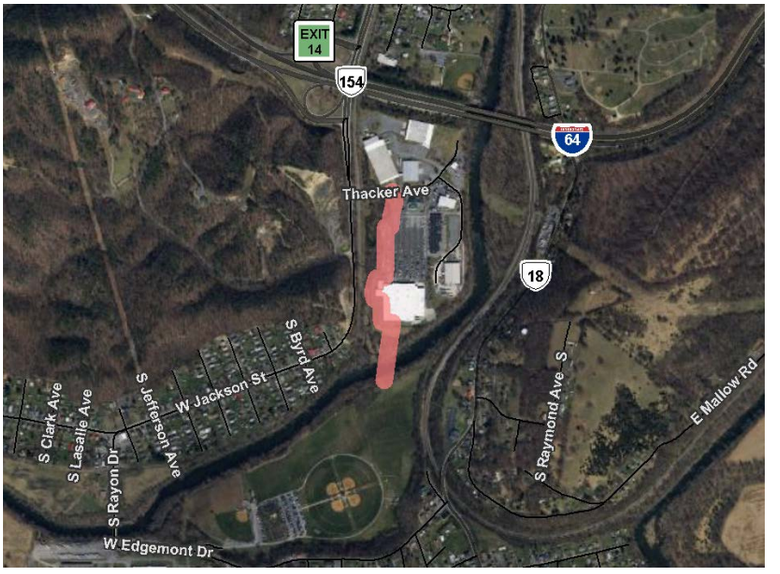
Paper Trail Pedestrian Bridge

Project Id: 7197

Construction of a multi-use pedestrian bridge and sidewalk to connect the Jackson River Sports Complex to existing sidewalk along Thacker Avenue.

0.6 SMART SCALE SCORE			
	#334 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$6,919,027
		Total Project Cost	$6,919,027
	#39 OF 45 DISTRICTWIDE	**Project Benefit**	0.4
		Project Benefit / Total Cost	0.6

Submitting Entity: Covington City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: DGP
Evacuation Route: No
VTRANS Need: Urban Development Area



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	9.9 persons	0.0 person hrs.	0.0 EPDO	0.0 EPDO / 100M VMT	0.9 jobs per resident	0.7 jobs per resident	29.8 adjusted users	1,071,602.0 adj sq. ft.	0.0 daily tons	0.0 adj. buffer time index	0.0 adjusted points	5.3 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.5	0.0	0.0	0.0	0.1	0.0	1.2	1.7	0.0	0.0	0.0	0.4		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.3		0.0		0.3			1.0			0.0			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		0.0		0.0			0.4			0.0	0.0		
Project Benefit	0.4													
SMART SCALE Cost	$6,919,027													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.6**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

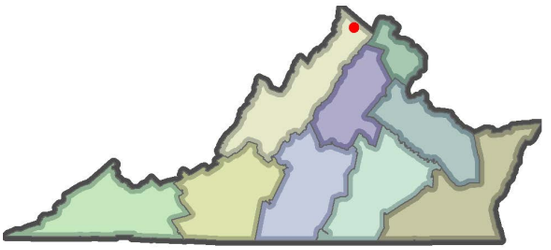
Exit 317 NB Ramp Realignment to Redbud Rd Location

Project Id: 6962

Realign I-81 Northbound Exit ramp to Route 11 to the location of the current intersection of Redbud Road and Route 11. Turn lane improvements for I-81 NB ramps, I-81 NB On ramp improvements.

2.9 SMART SCALE SCORE			
	#189 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$6,943,514
		Total Project Cost	$6,943,514
	#26 OF 45 DISTRICTWIDE	**Project Benefit**	2.0
		Project Benefit / Total Cost	2.9

Submitting Entity: Frederick County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: Yes
VTRANS Need: Regional Network



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	0.0 persons	17.1 person hrs.	12.9 EPDO	1,688.0 EPDO / 100M VMT	4.8 jobs per resident	3.1 jobs per resident	0.0 adjusted users	4,566,808.6 adj sq. ft.	8,487.3 daily tons	173,872.6 adj. buffer time index	0.0 adjusted points	29.3 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	2.8	2.1	4.7	0.3	0.2	0.0	7.3	0.7	0.0	0.0	2.3		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	1.4		2.9		0.2			4.5			0.0			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.2		0.7		0.0			1.1			0.0	-0.1		
Project Benefit	2.0													
SMART SCALE Cost	$6,943,514													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**2.9**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

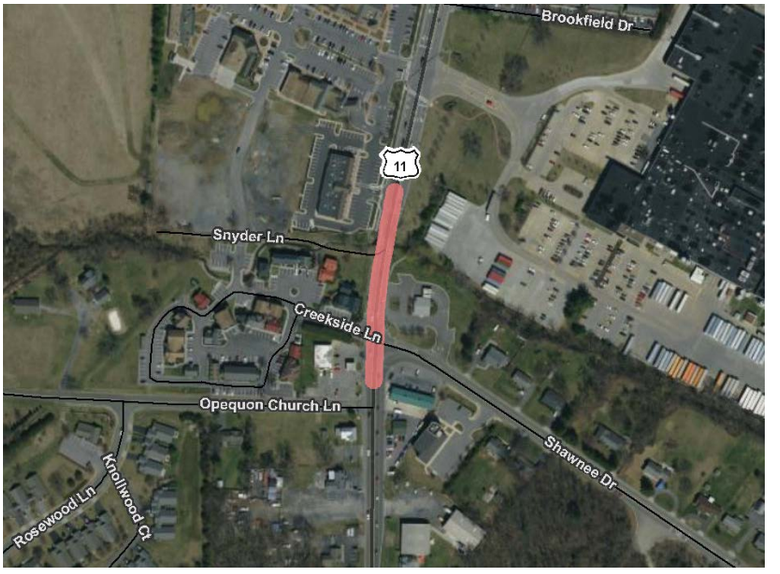
Route 11 - Shawnee Improvement

Project Id: 6963

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.

1.2 SMART SCALE SCORE			
	#286 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$4,597,859
		Total Project Cost	$4,597,859
	#33 OF 45 DISTRICTWIDE	**Project Benefit**	0.5
		Project Benefit / Total Cost	1.2

Submitting Entity: Frederick County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: Yes
VTRANS Need: Regional Network



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	9.1 persons	1.0 person hrs.	2.5 EPDO	810.4 EPDO / 100M VMT	2.4 jobs per resident	1.9 jobs per resident	45.6 adjusted users	1,004,541.7 adj sq. ft.	2,144.2 daily tons	193,066.3 adj. buffer time index	27.4 adjusted points	46.7 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.5	0.2	0.4	2.3	0.1	0.1	1.9	1.6	0.2	0.0	0.6	3.6		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.3		1.0		0.5			1.0			0.6			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		0.2		0.1			0.3			0.1	-0.2		
Project Benefit	0.5													
SMART SCALE Cost	$4,597,859													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.2**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

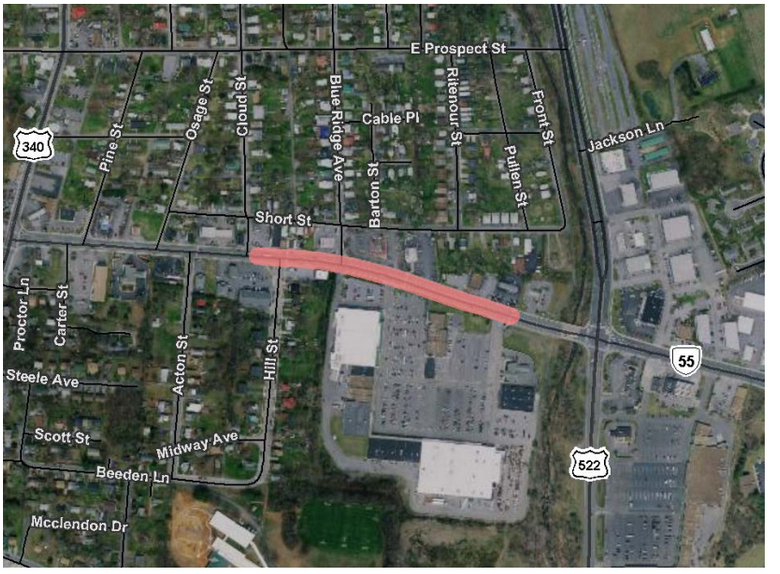
PROJECT SCORECARD

South Street — Project Id: 6702

The project will provide access management and pedestrian crossing improvements along South Street between Hill Street and the commercial entrance to the west of Commerce Avenue to address safety needs. Access management improvements will include raised medians that can be utilized as pedestrian refuge areas.

6.7 SMART SCALE SCORE	**#95** OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$3,241,482
		Total Project Cost	$3,241,482
	#13 OF 45 DISTRICTWIDE	**Project Benefit**	2.2
		Project Benefit / Total Cost	6.7

Submitting Entity: Front Royal Town
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: Yes
VTRANS Need: Regional Network



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	20.1 persons	0.0 person hrs.	39.5 EPDO	3,092.5 EPDO / 100M VMT	2.4 jobs per resident	2.7 jobs per resident	30.1 adjusted users	7,894.4 adj sq. ft.	0.0 daily tons	5,330,744.6 adj. buffer time index	0.0 adjusted points	13.4 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	1.1	0.0	6.3	8.7	0.1	0.1	1.2	0.0	0.0	0.0	0.0	1.0		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.5		7.0		0.4			0.0			0.0			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.1		2.1		0.1			0.0			0.0	-0.1		
Project Benefit	2.2													
SMART SCALE Cost	$3,241,482													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**6.7**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

Port Republic Road Turn Lane and Sidewalk

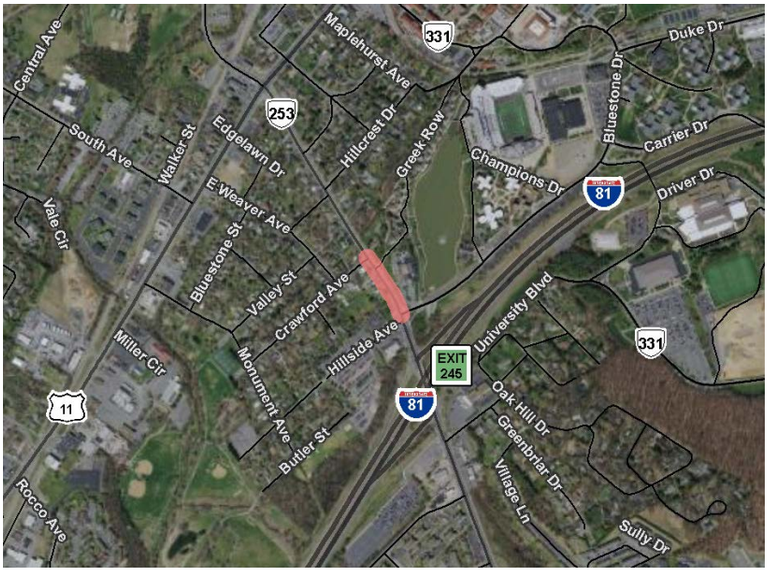
Project Id: 6831

Project extends the EB Port Republic Rd. left turn lane at Bluestone Dr. from 100' of storage to 300'. Road widening and sidewalk reconstruction on the north side of the road, supported by approximately 275' of retaining wall, will provide the needed space for the new turn lane length. About 450' of 5' wide sidewalk will be constructed on the south side of the project, including retaining wall for most of its length. A median will be constructed in the functional area of the intersection.

10.8 SMART SCALE SCORE			
	#48	OF 397 STATEWIDE	
	#4	OF 45 DISTRICTWIDE	

SMART SCALE Requested Funds	$2,833,667
Total Project Cost	$2,924,947
Project Benefit	3.0
Project Benefit / Total Cost	10.4

Submitting Entity: Harrisonburg City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: No
VTRANS Need: Regional Network



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	105.0 persons	0.3 person hrs.	6.0 EPDO	472.9 EPDO / 100M VMT	1.3 jobs per resident	1.6 jobs per resident	525.0 adjusted users	2,307,538.8 adj sq. ft.	1,064.5 daily tons	0.0 adj. buffer time index	315.0 adjusted points	2.0 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	5.6	0.0	1.0	1.3	0.1	0.1	21.6	3.7	0.1	0.0	7.1	0.2		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	2.8		1.1		4.4			2.2			7.1			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.4		0.3		1.1			0.6			0.7	0.0		
Project Benefit	3.0													
SMART SCALE Cost	$2,833,667													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**10.8**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

Pear St/Erickson Ave Modified RCUT

Project Id: 6845

Project creates a modified RCUT at the intersection of Pear St. and Erickson Ave. as an alternative to a warranted traffic signal. 3 out of 4 left turns, as well as the through movements on the minor approaches are redirected to signalized U-turns. A 2-phase signal will be added at the new U-turn location. A bulb-out design at the new U-turn will accommodate buses. Marked crosswalks will be provided at the Pear St intersection, including a pedestrian refuge and RRFB to cross Erickson Ave.

2.1 SMART SCALE SCORE			
	#234 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$2,960,525
		Total Project Cost	$3,083,101
	#31 OF 45 DISTRICTWIDE	**Project Benefit**	0.6
		Project Benefit / Total Cost	2.0

Submitting Entity: Harrisonburg City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: No
VTRANS Need: Regional Network

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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	27.6 persons	5.6 person hrs.	7.8 EPDO	0.0 EPDO / 100M VMT	0.1 jobs per resident	0.1 jobs per resident	57.8 adjusted users	17,334.1 adj sq. ft.	0.0 daily tons	0.0 adj. buffer time index	46.3 adjusted points	0.3 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	1.5	0.9	1.2	0.0	0.0	0.0	2.4	0.0	0.0	0.0	1.0	0.0		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	1.2		0.9		0.5			0.0			1.0			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.2		0.2		0.1			0.0			0.1	0.0		
Project Benefit	0.6													
SMART SCALE Cost	$2,960,525													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**2.1**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

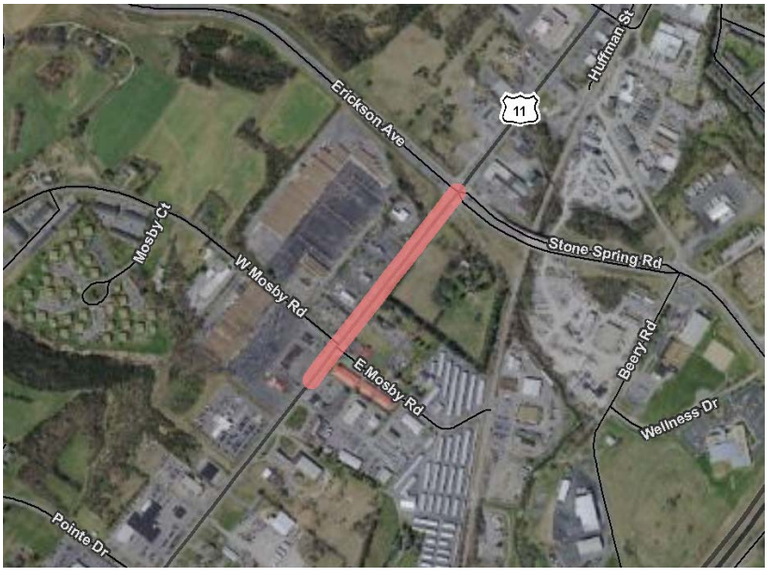
S. Main Street Safety Improvements

Project Id: 7139

The project adds a 3' wide concrete median on S. Main Street from just south of Mosby Rd to Stone Spring Rd/Erickson Ave, with a break to maintain a full access entrance to Dukes Plaza. The median will prevent left turns into and out of many commercial entrances along this high crash corridor. The project adds a 5' wide sidewalk on the east side of the road and shelters at three bus stops to improve multimodal access on the corridor. Existing bike lanes will be removed to accommodate the median.

4.5 SMART SCALE SCORE			
	#135 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$2,592,827
		Total Project Cost	$2,661,287
	#19 OF 45 DISTRICTWIDE	**Project Benefit**	1.2
		Project Benefit / Total Cost	4.3

Submitting Entity: Harrisonburg City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	20.5 persons	0.0 person hrs.	16.2 EPDO	70.0 EPDO / 100M VMT	0.5 jobs per resident	0.6 jobs per resident	102.3 adjusted users	974,568.3 adj sq. ft.	4,004.0 daily tons	0.0 adj. buffer time index	61.4 adjusted points	0.5 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	1.1	0.0	2.6	0.2	0.0	0.0	4.2	1.6	0.3	0.0	1.4	0.0		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.5		1.9		0.9			1.0			1.4			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.1		0.5		0.2			0.3			0.1	0.0		
Project Benefit	1.2													
SMART SCALE Cost	$2,592,827													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**4.5**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

S. Main and I-81 Exit 243 Interchange Improvements

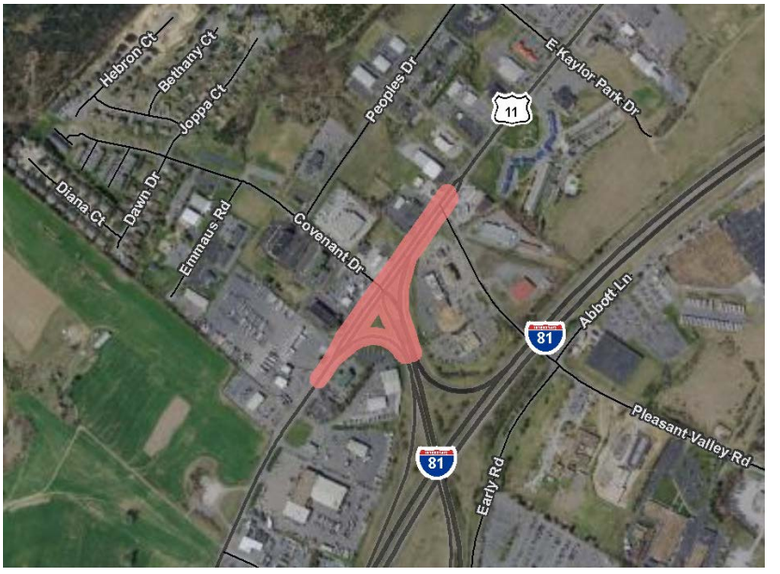
Project Id: 7141

On US 11 at the I-81 Exit 243/Covenant Dr. intersection, widen SB approach and on-ramp to allow dual LTLs from US 11 onto on-ramp; extend SB LTLs storage. Widen WB approach to allow dual LTLs onto SB US-11; extend WB LTL storage and clarify yield and merge conditions. Offset NB LTL to maintain permissive movement (no widening). Add overhead wayfinding signage for I-81 on US-11. Close 0.26 mile sidewalk gap. Add signalized crosswalk across Covenant Dr, Pleasant Valley Rd, and US 11.

7.4 SMART SCALE SCORE			
	#89	OF 397 STATEWIDE	
	#11	OF 45 DISTRICTWIDE	

SMART SCALE Requested Funds	$5,031,025
Total Project Cost	$5,731,025
Project Benefit	3.7
Project Benefit / Total Cost	6.5

Submitting Entity: Harrisonburg City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	26.2 persons	1.7 person hrs.	33.4 EPDO	6,496.0 EPDO / 100M VMT	1.8 jobs per resident	1.7 jobs per resident	130.9 adjusted users	3,349,922.3 adj sq. ft.	4,694.9 daily tons	1,815,977.3 adj. buffer time index	78.5 adjusted points	0.4 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	1.4	0.3	5.4	18.2	0.1	0.1	5.4	5.4	0.4	0.0	1.8	0.0		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.8		9.2		1.2			3.3			1.8			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.1		2.3		0.3			0.8			0.2	0.0		
Project Benefit	3.7													
SMART SCALE Cost	$5,031,025													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**7.4**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

Mount Crawford Park and Ride Lot Improvements

Project Id: 6703

Improve existing park and ride lot. Add 32 parking spaces for a total of 82; parking lot reconfiguration, excavation, curbing, lot resurfacing and striping. BMP expansion. Small Right of way needed. Add a bus stop and shelter, bike racks, lighting, and an electric vehicle charging station.

19.5 SMART SCALE SCORE	**#16** OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$3,047,898
		Total Project Cost	$3,047,898
	#2 OF 45 DISTRICTWIDE	**Project Benefit**	5.9
		Project Benefit / Total Cost	19.5

Submitting Entity: Harrisonburg-Rockingham Metropolitan Planning Organization
Preliminary Engineering: Underway
Right of Way: Underway
Construction: Underway
Eligible Fund Program: HPP
Evacuation Route: No
VTRANS Need: Corridor of Statewide Significance

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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	13.5 persons	5.3 person hrs.	2.9 EPDO	0.6 EPDO / 100M VMT	5.3 jobs per resident	5.8 jobs per resident	67.6 adjusted users	80,068.9 adj sq. ft.	0.0 daily tons	0.0 adj. buffer time index	2,446.3 adjusted points	1.8 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.7	0.9	0.5	0.0	0.3	0.3	2.8	0.1	0.0	0.0	55.0	0.1		
Measure Weight (% of Factor)	50%	50%	100%	0%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.8		0.5		0.8			0.1			55.0			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.1		0.1		0.2			0.0			5.5	0.0		
Project Benefit	5.9													
SMART SCALE Cost	$3,047,898													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**19.5**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

Bluestone Trail Extension

Project Id: 7097

The project closes a 0.7 mile gap between two sections of the Bluestone Trail, a 10' wide paved shared use path, between its current terminus at Stone Spring Rd to a new high school that is currently under construction. Path construction on the high school campus extends the Bluestone Trail another 0.5 mile further south. The majority of this project is on independent alignment through city-owned property. A bridge over Blacks Run and the parallel railroad is needed to make this connection.

2.1 SMART SCALE SCORE	#236 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$9,148,603
		Total Project Cost	$9,440,699
	#32 OF 45 DISTRICTWIDE	**Project Benefit**	1.9
		Project Benefit / Total Cost	2.0

Submitting Entity: Harrisonburg-Rockingham Metropolitan Planning Organization
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: HPP
Evacuation Route: No
VTRANS Need: Regional Network

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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	108.0 persons	0.0 person hrs.	15.6 EPDO	0.0 EPDO / 100M VMT	4.7 jobs per resident	7.6 jobs per resident	324.0 adjusted users	1,277,350.8 adj sq. ft.	0.0 daily tons	0.0 adj. buffer time index	0.0 adjusted points	1.8 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	5.8	0.0	2.5	0.0	0.3	0.4	13.3	2.1	0.0	0.0	0.0	0.1		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	2.9		1.8		2.9			1.2			0.0			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.4		0.4		0.7			0.3			0.0	0.0		
Project Benefit	1.9													
SMART SCALE Cost	$9,148,603													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**2.1**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

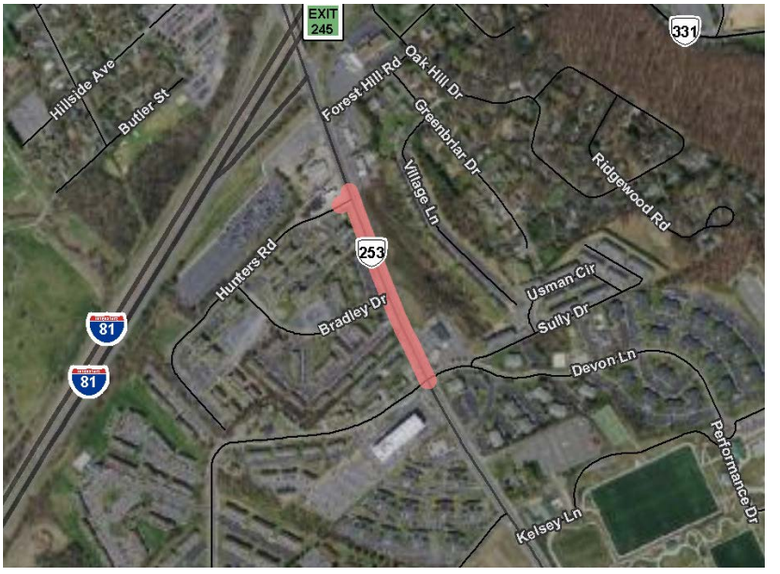
Port Republic Rd Corridor Improvements

Project Id: 7099

Project adds a traffic signal, including signalized crosswalks, at the Port Republic Rd/Bradley Dr intersection. Port Republic Rd will be widened to create a WB left-turn lane with approximately 100' of storage and 100' taper. Sidewalk and bike lane will be reconstructed. A 3' wide concrete median will be constructed along the entire segment between the Bradley Dr and Devon Ln intersections. A channelizing island will be added at Hunters Rd/Port Republic Rd intersection to prohibit left turns.

9.9 SMART SCALE SCORE	**#55** OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$3,979,043
		Total Project Cost	$4,101,619
	#6 OF 45 DISTRICTWIDE	**Project Benefit**	3.9
		Project Benefit / Total Cost	9.6

Submitting Entity: Harrisonburg-Rockingham Metropolitan Planning Organization
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: HPP
Evacuation Route: No
VTRANS Need: Regional Network



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	41.6 persons	3.5 person hrs.	61.6 EPDO	2,675.0 EPDO / 100M VMT	2.8 jobs per resident	4.6 jobs per resident	207.8 adjusted users	2,139,151.9 adj sq. ft.	0.0 daily tons	0.0 adj. buffer time index	207.8 adjusted points	1.1 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	2.2	0.6	9.9	7.5	0.2	0.2	8.5	3.4	0.0	0.0	4.7	0.1		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	1.4		9.2		1.9			2.1			4.7			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.2		2.3		0.5			0.5			0.5	0.0		
Project Benefit	3.9													
SMART SCALE Cost	$3,979,043													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**9.9**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

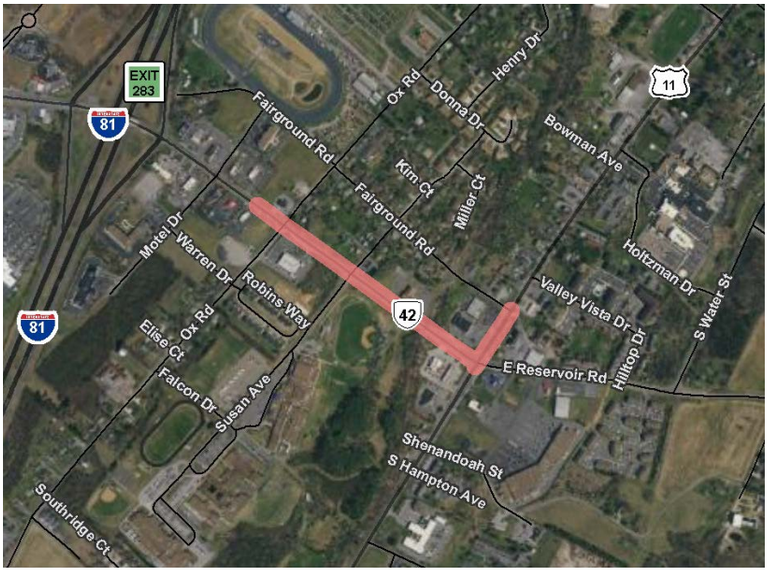
Route 42 Corridor Improvements - East

Project Id: 6953

Construct median segments on Route 42 (beginning just west of the Ox Road intersection) and a section of median on Main Street. Signal operation improvements including signal coordination and the addition of pedestrian crossings (push button pedestrian signals at Ox Road and an unsignalized crossing at Susan Avenue). There will also be some sidewalk improvements to complete existing gaps.

3.5 SMART SCALE SCORE			
	#164 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$2,678,467
		Total Project Cost	$2,678,467
	#22 OF 45 DISTRICTWIDE	**Project Benefit**	0.9
		Project Benefit / Total Cost	3.5

Submitting Entity: Northern Shenandoah Valley Regional Commission
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: HPP
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	18.3 persons	0.2 person hrs.	15.1 EPDO	941.2 EPDO / 100M VMT	1.7 jobs per resident	1.7 jobs per resident	27.5 adjusted users	11,833.0 adj sq. ft.	2,558.8 daily tons	4,168,988.5 adj. buffer time index	36.7 adjusted points	0.2 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	1.0	0.0	2.4	2.6	0.1	0.1	1.1	0.0	0.2	0.0	0.8	0.0		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.5		2.5		0.3			0.1			0.8			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.1		0.7		0.0			0.0			0.1	0.0		
Project Benefit	0.9													
SMART SCALE Cost	$2,678,467													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**3.5**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

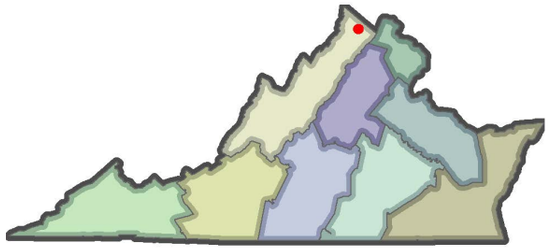
Route 7 STARS Access Management Projects

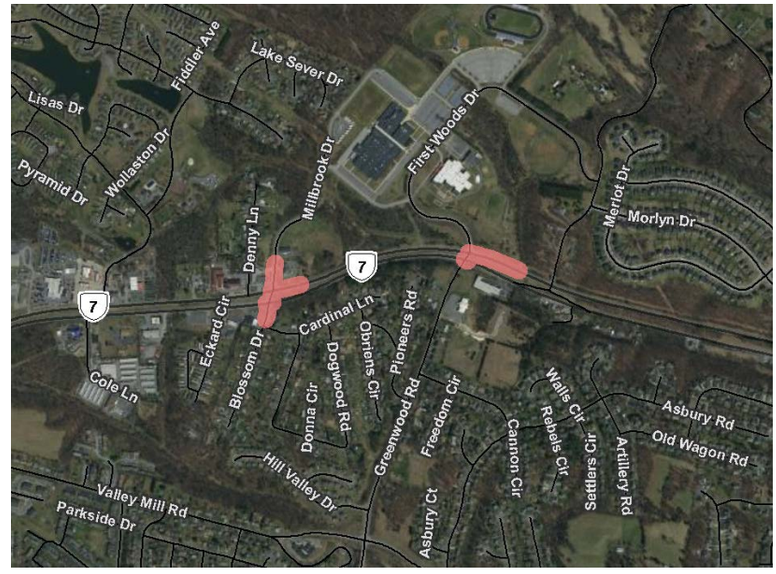
Project Id: 7131

Left turn elimination and access management at two PSI intersections and segments along the corridor to address safety and operation deficiencies as identified and addressed in the 2020 Route 7 STARS study.

2.4 SMART SCALE SCORE			
	#212 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$999,624
		Total Project Cost	$999,624
	#29 OF 45 DISTRICTWIDE	**Project Benefit**	0.2
		Project Benefit / Total Cost	2.4

Submitting Entity: Northern Shenandoah Valley Regional Commission
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: HPP
Evacuation Route: No
VTRANS Need: Regional Network





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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	0.0 persons	4.7 person hrs.	7.9 EPDO	224.8 EPDO / 100M VMT	2.9 jobs per resident	1.8 jobs per resident	0.0 adjusted users	0.0 adj sq. ft.	0.0 daily tons	8,453,197.0 adj. buffer time index	0.0 adjusted points	30.3 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.8	1.3	0.6	0.2	0.1	0.0	0.0	0.0	0.1	0.0	2.3		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.4		1.1		0.1			0.0			0.0			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.1		0.3		0.0			0.0			0.0	-0.1		
Project Benefit	0.2													
SMART SCALE Cost	$999,624													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**2.4**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

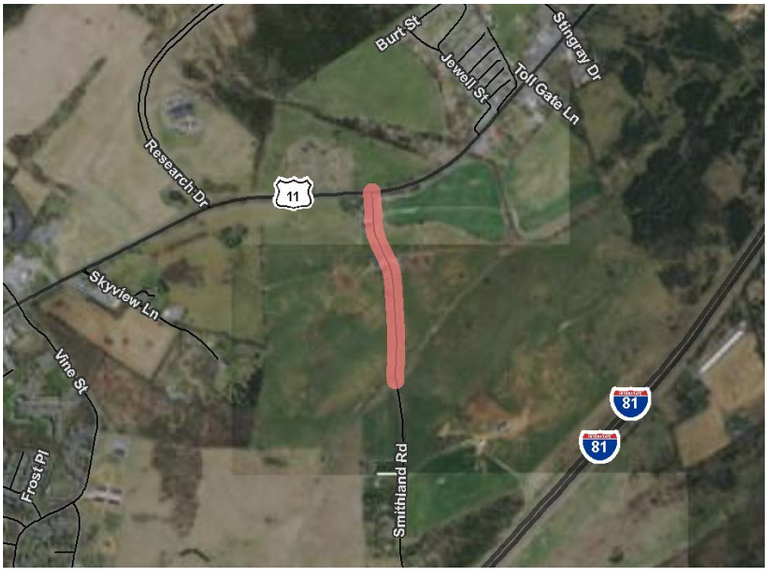
Smithland Road (Route 720) Widening

Project Id: 7125

This project would widen approximately 1,850 ft of Rt. 720/Smithland Road beginning 300 ft from US-11 to add 4-ft shoulders on both sides and increase lane width from 10-ft to 12-ft where possible. A right turn lane (100-ft storage + 100-ft taper) would be added on Rt. 720 at US-11. The existing 2-lane roadway has a 20-ft typical section with no shoulders or rumble strips. Proposed treatments are intended to mitigate roadway departure and other crash types along this Minor Collector segment.

4.3 SMART SCALE SCORE			
	#137 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$3,556,131
		Total Project Cost	$3,556,131
	#20 OF 45 DISTRICTWIDE	**Project Benefit**	1.5
		Project Benefit / Total Cost	4.3

Submitting Entity: Rockingham County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: DGP
Evacuation Route: No
VTRANS Need: Safety (non-CoSS)



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	0.0 persons	0.4 person hrs.	16.9 EPDO	3,571.6 EPDO / 100M VMT	1.1 jobs per resident	1.2 jobs per resident	0.0 adjusted users	1,152,082.7 adj sq. ft.	7,847.1 daily tons	0.0 adj. buffer time index	0.0 adjusted points	3.5 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.1	2.7	10.0	0.1	0.1	0.0	1.9	0.6	0.0	0.0	0.3		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.0		4.9		0.1			1.2			0.0			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		1.2		0.0			0.3			0.0	0.0		
Project Benefit	1.5													
SMART SCALE Cost	$3,556,131													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**4.3**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

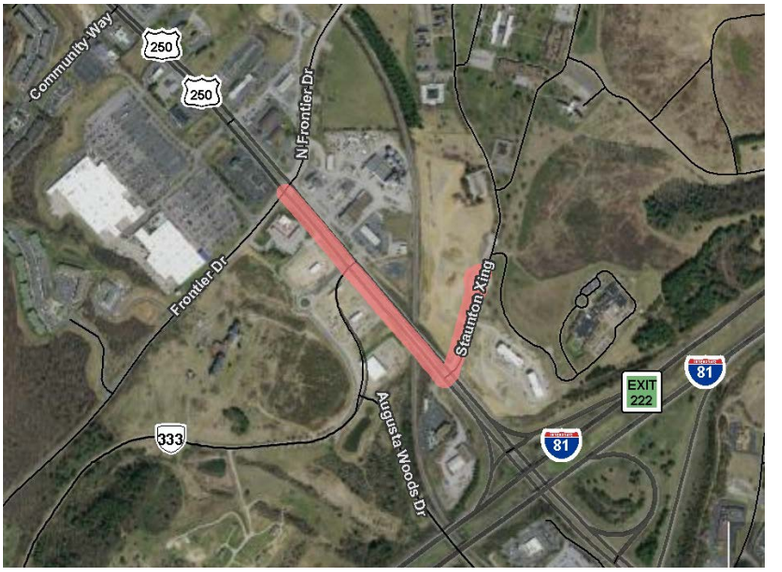
Richmond Road (US 250) and Crossing Way Shared Use Path

Project Id: 6731

This project improves pedestrian and bicycle connectivity along Richmond Road and Crossing Way. Improvements include constructing a shared use path along the south side of Richmond Road from Frontier Drive to Crossing Way and along Crossing Way to the existing roundabout, installing a concrete barrier and fencing on the right shoulder of eastbound bridge, and pedestrian crossing improvements.

5.2 SMART SCALE SCORE	**#118** OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$4,124,210
		Total Project Cost	$4,124,210
	#17 OF 45 DISTRICTWIDE	**Project Benefit**	2.2
		Project Benefit / Total Cost	5.2

Submitting Entity: Staunton-Augusta-Waynesboro Metropolitan Planning Organization
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: HPP
Evacuation Route: No
VTRANS Need: Regional Network



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	39.8 persons	0.0 person hrs.	11.9 EPDO	1,958.0 EPDO / 100M VMT	1.1 jobs per resident	1.2 jobs per resident	119.4 adjusted users	4,257,418.0 adj sq. ft.	0.0 daily tons	0.0 adj. buffer time index	0.0 adjusted points	7.0 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	2.1	0.0	1.9	5.5	0.1	0.1	4.9	6.8	0.0	0.0	0.0	0.5		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	1.1		3.0		1.0			4.1			0.0			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.2		0.7		0.3			1.0			0.0	0.0		
Project Benefit	2.2													
SMART SCALE Cost	$4,124,210													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**5.2**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

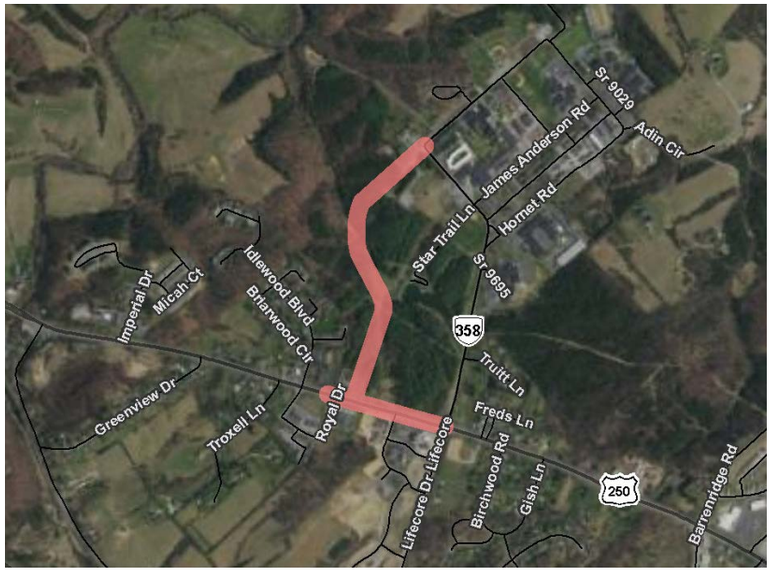
Woodrow Wilson Complex Long Term Access Improvements

Project Id: 6735

Project includes access management improvements with a raised median on US 250 between the intersection with Route 358 and the new secondary access intersection that consists of 3,700 feet of new construction to connect US 250 with the Woodrow Wilson Rehabilitation Center (WWRC) complex.

0.5 SMART SCALE SCORE			
	#343 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$20,840,440
		Total Project Cost	$20,840,440
	#41 OF 45 DISTRICTWIDE	**Project Benefit**	1.0
		Project Benefit / Total Cost	0.5

Submitting Entity: Staunton-Augusta-Waynesboro Metropolitan Planning Organization
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: HPP
Evacuation Route: Yes
VTRANS Need: Regional Network



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	17.2 persons	10.5 person hrs.	8.6 EPDO	495.0 EPDO / 100M VMT	5.5 jobs per resident	4.7 jobs per resident	85.9 adjusted users	290,010.8 adj sq. ft.	0.0 daily tons	1,842,035.7 adj. buffer time index	85.9 adjusted points	13.8 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.9	1.7	1.4	1.4	0.3	0.2	3.5	0.5	0.0	0.0	1.9	1.1		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	1.3		1.4		0.9			0.3			1.9			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.2		0.3		0.2			0.1			0.2	-0.1		
Project Benefit	1.0													
SMART SCALE Cost	$20,840,440													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.5**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

Rosser Avenue (Route 340) Corridor Improvements

Project Id: 6736

This project improves timing and functionality at nine traffic signals on Rosser Avenue (Route 340) between Tiffany Drive and Ladd Road. Three intersection-specific improvements include converting an existing traffic signal to an unsignalized channelized left-in right-in/right-out intersection, constructing new sidewalk, and constructing a raised median within an existing two-way left-turn lane to address access management.

9.4 SMART SCALE SCORE	**#63** OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$1,559,272
		Total Project Cost	$1,559,272
	#8 OF 45 DISTRICTWIDE	**Project Benefit**	1.5
		Project Benefit / Total Cost	9.4

Submitting Entity: Staunton-Augusta-Waynesboro Metropolitan Planning Organization
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: HPP
Evacuation Route: No
VTRANS Need: Regional Network

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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	17.4 persons	3.9 person hrs.	20.0 EPDO	279.9 EPDO / 100M VMT	4.4 jobs per resident	3.3 jobs per resident	87.0 adjusted users	1,293,558.3 adj sq. ft.	17,425.0 daily tons	14,250,610.0 adj. buffer time index	52.2 adjusted points	0.2 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.9	0.6	3.2	0.8	0.3	0.2	3.6	2.1	1.4	0.1	1.2	0.0		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.8		2.5		0.9			1.5			1.2			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.1		0.6		0.2			0.4			0.1	0.0		
Project Benefit	1.5													
SMART SCALE Cost	$1,559,272													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**9.4**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

Rte. 340/522 Corridor Safety Improvements

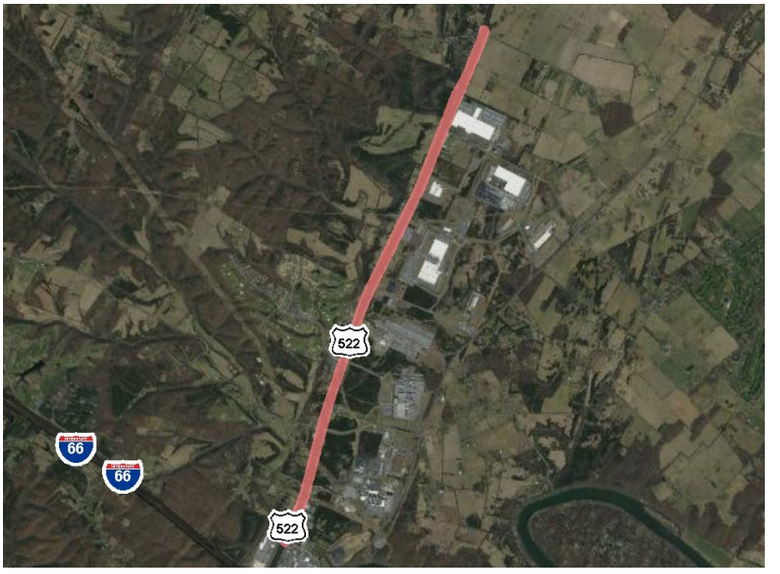
Project Id: 6935

Extend NB left turn lane from 200 feet of storage to 500 feet of storage at the intersection with Reliance Road. Extend SB left turn lane from 300 feet of storage to 600 feet of storage at the intersection with Fairground Road. Install NB and SB advanced signal detection at the intersections with Fairground Road, Toray Drive, Shadows Drive, Reliance Road and Country Club Road.

9.9 SMART SCALE SCORE			
	#54	OF 397 STATEWIDE	
	#5	OF 45 DISTRICTWIDE	

SMART SCALE Requested Funds	$1,699,074
Total Project Cost	$1,699,074
Project Benefit	1.7
Project Benefit / Total Cost	9.9

Submitting Entity: Warren County
Preliminary Engineering: Not Started
Right of Way: Not Needed
Construction: Not Started
Eligible Fund Program: DGP
Evacuation Route: No
VTRANS Need: Safety (non-CoSS)



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	0.0 persons	0.0 person hrs.	46.4 EPDO	530.6 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	289,045.7 adj sq. ft.	0.0 daily tons	21,854,939.0 adj. buffer time index	0.0 adjusted points	31.7 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	7.4	1.5	0.0	0.0	0.0	0.5	0.0	0.2	0.0	2.5		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.0		5.7		0.0			0.3			0.0			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		1.7		0.0			0.1			0.0	-0.1		
Project Benefit	1.7													
SMART SCALE Cost	$1,699,074													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**9.9**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

Rte. 55 & High Knob Rd. Intersection Improvements

Project Id: 6944

The intersection would be reconstructed to address capacity, safety, sight distance issues, and heavy westbound left turn lane movements. Rte. 55 would be upgraded to provide an eastbound right turn lane and a westbound left turn lane into High Knob Rd.

0.9 SMART SCALE SCORE	#308 OF 397 STATEWIDE	SMART SCALE Requested Funds	$3,356,049
		Total Project Cost	$3,356,049
	#37 OF 45 DISTRICTWIDE	Project Benefit	0.3
		Project Benefit / Total Cost	0.9

Submitting Entity: Warren County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance

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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	0.0 persons	0.1 person hrs.	5.3 EPDO	1,273.3 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	0.0 adj sq. ft.	0.0 daily tons	332,057.0 adj. buffer time index	0.0 adjusted points	47.2 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	0.8	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.7		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.0		1.7		0.0			0.0			0.0			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		0.5		0.0			0.0			0.0	-0.2		
Project Benefit	0.3													
SMART SCALE Cost	$3,356,049													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.9**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

Rte. 55 West & Rte. 678/610 Intersection Improvements

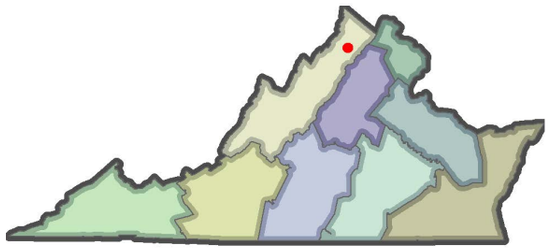
Project Id: 7028

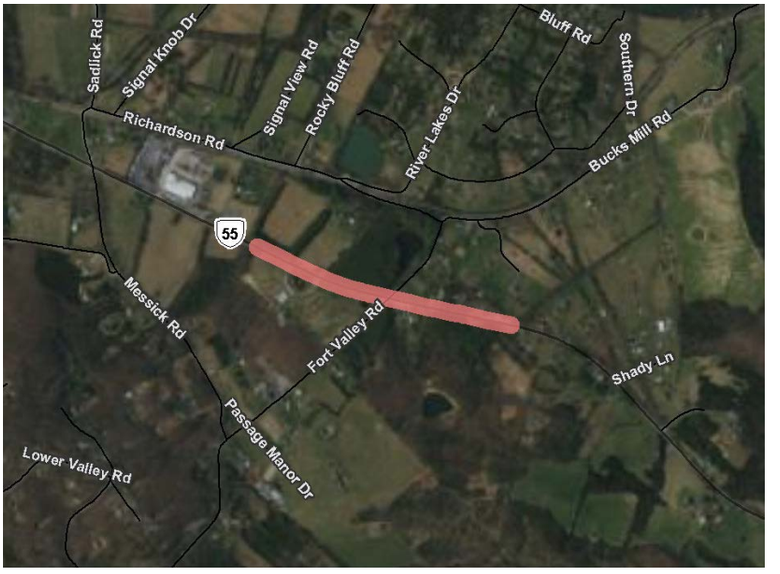
The intersection would be reconstructed to address capacity, safety, sight distance issues, and heavy westbound left turn lane movements. Rte. 55 would be upgraded to provide a west & eastbound left turn lane to Rte. 678 and Rte. 610, as well as a WB RTL to Rte. 610. The project would also entail the replacement and lengthening of a drainage box culvert under Rte. 55 through the intersection.

2.7 SMART SCALE SCORE	#197 OF 397 STATEWIDE
	#28 OF 45 DISTRICTWIDE

SMART SCALE Requested Funds	$4,402,022
Total Project Cost	$4,402,022
Project Benefit	1.2
Project Benefit / Total Cost	2.7

Submitting Entity: Warren County
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance





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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	0.0 persons	0.0 person hrs.	8.3 EPDO	4,074.1 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	0.0 adj sq. ft.	0.0 daily tons	0.0 adj. buffer time index	0.0 adjusted points	28.9 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	1.3	11.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.0		4.4		0.0			0.0			0.0			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		1.3		0.0			0.0			0.0	-0.1		
Project Benefit	1.2													
SMART SCALE Cost	$4,402,022													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**2.7**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

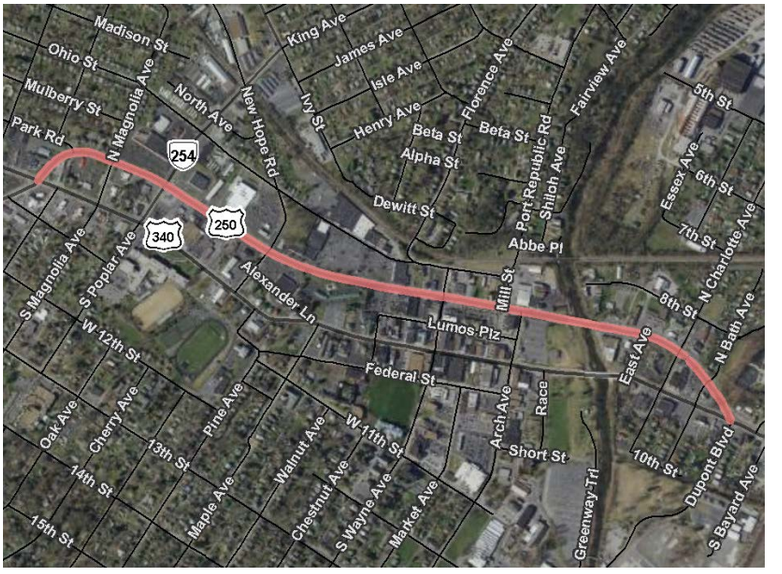
Broad Street Streetscape

Project Id: 6769

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.

3.3 SMART SCALE SCORE			
	#174 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$7,190,364
		Total Project Cost	$7,190,364
	#24 OF 45 DISTRICTWIDE	**Project Benefit**	2.4
		Project Benefit / Total Cost	3.3

Submitting Entity: Waynesboro City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	17.0 persons	0.0 person hrs.	52.8 EPDO	2,293.9 EPDO / 100M VMT	3.0 jobs per resident	3.8 jobs per resident	85.1 adjusted users	733,824.6 adj sq. ft.	0.0 daily tons	2,819,639.3 adj. buffer time index	0.0 adjusted points	13.7 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.9	0.0	8.5	6.4	0.2	0.2	3.5	1.2	0.0	0.0	0.0	1.1		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.5		7.9		0.8			0.7			0.0			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.1		2.0		0.2			0.2			0.0	-0.1		
Project Benefit	2.4													
SMART SCALE Cost	$7,190,364													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**3.3**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

Crozet Tunnel Trail

Project Id: 7044

Construct a ~1.3 mile shared use path roughly parallel to US-250 from 1800 East Main Street (terminus of the East Main Street SUP funded in 2018 SMART Scale round) to the western trail of the Blue Ridge Tunnel Phase III project. This will create a continuous bike and pedestrian connection from East Main Street in Waynesboro to Route 6 in Afton, providing an alternative route to US 250 for non-motorized traffic.

0.3 SMART SCALE SCORE			
	#362 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$10,020,189
		Total Project Cost	$10,020,189
	#42 OF 45 DISTRICTWIDE	**Project Benefit**	0.3
		Project Benefit / Total Cost	0.3

Submitting Entity: Waynesboro City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: No
VTRANS Need: Corridor of Statewide Significance

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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	10.0 persons	0.0 person hrs.	1.8 EPDO	33.3 EPDO / 100M VMT	0.6 jobs per resident	0.8 jobs per resident	29.9 adjusted users	686,541.9 adj sq. ft.	0.0 daily tons	0.0 adj. buffer time index	0.0 adjusted points	18.5 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.5	0.0	0.3	0.1	0.0	0.0	1.2	1.1	0.0	0.0	0.0	1.4		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.3		0.2		0.3			0.7			0.0			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		0.1		0.1			0.2			0.0	-0.1		
Project Benefit	0.3													
SMART SCALE Cost	$10,020,189													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.3**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

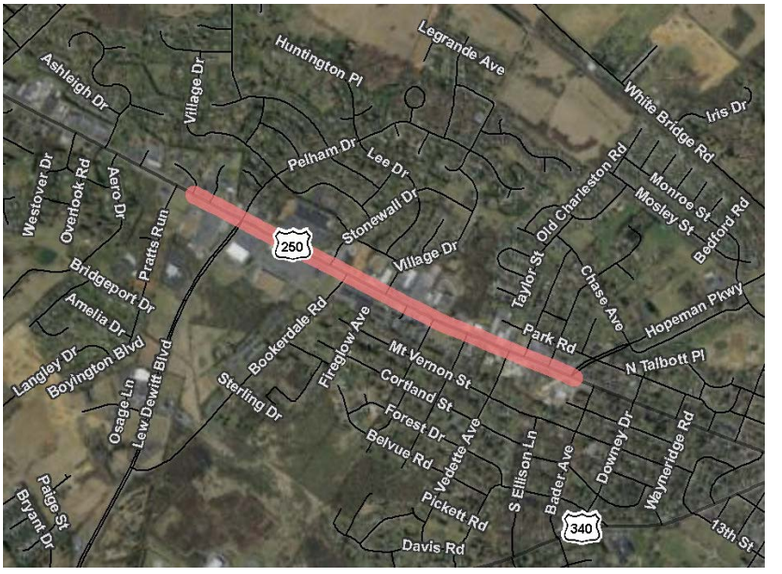
US 250 (West Main Street) Corridor Improvements

Project Id: 7075

Operational, safety, and multimodal access improvements on US 250 between Lew Dewitt Boulevard and Hopeman Parkway. Project converts a 5-lane undivided section to a 4-lane divided section with new sidewalk and crossings, signal operational improvements and coordination. Project also includes relocation of the EB and WB transit stops on US 250 at Lew Dewitt, with a shelter at each stop and sidewalk/pedestrian crossing to access the stop locations.

3.8 SMART SCALE SCORE			
	#158 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$12,574,827
		Total Project Cost	$12,574,827
	#21 OF 45 DISTRICTWIDE	**Project Benefit**	4.7
		Project Benefit / Total Cost	3.8

Submitting Entity: Waynesboro City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	48.3 persons	0.3 person hrs.	124.0 EPDO	296.1 EPDO / 100M VMT	6.6 jobs per resident	5.9 jobs per resident	241.5 adjusted users	201,447.6 adj sq. ft.	4,270.7 daily tons	74,456,299.6 adj. buffer time index	144.9 adjusted points	0.4 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	2.6	0.0	19.9	0.8	0.4	0.3	9.9	0.3	0.3	0.7	3.3	0.0		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	1.3		14.2		2.3			0.4			3.3			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.2		3.5		0.6			0.1			0.3	0.0		
Project Benefit	4.7													
SMART SCALE Cost	$12,574,827													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**3.8**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

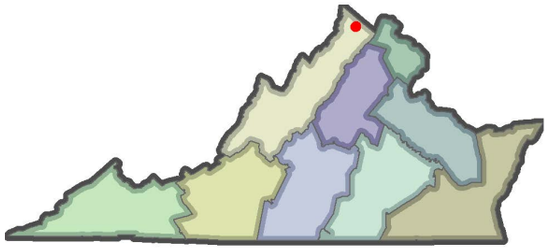
Exit 317 Interchange Improvement Project

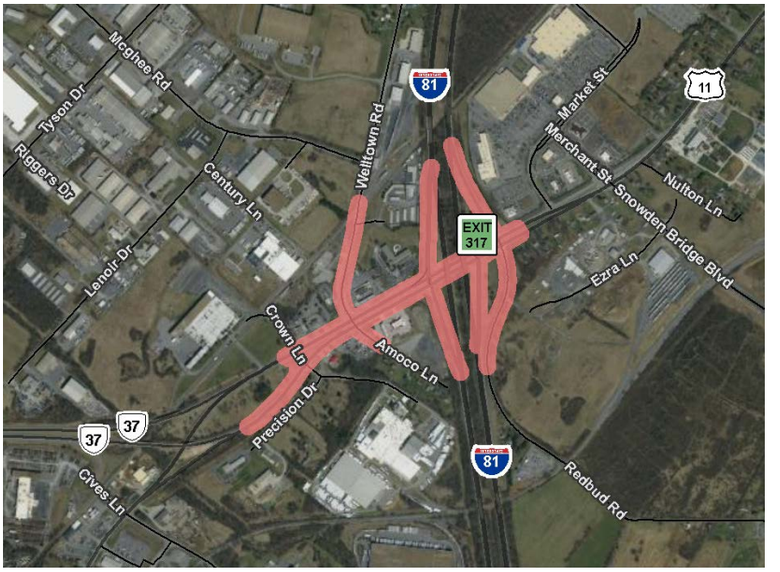
Project Id: 6865

Replace diamond interchange with diverging diamond interchange; Route 11 intersection improvements along corridor consistent with MPO study recommendations.

1.0 SMART SCALE SCORE	**#304** OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$40,394,121
		Total Project Cost	$40,394,121
	#36 OF 45 DISTRICTWIDE	**Project Benefit**	3.9
		Project Benefit / Total Cost	1.0

Submitting Entity: Win-Fred Metropolitan Planning Organization
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: HPP
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance





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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	0.0 persons	34.6 person hrs.	61.0 EPDO	1,438.9 EPDO / 100M VMT	20.9 jobs per resident	13.5 jobs per resident	0.0 adjusted users	5,138,350.9 adj sq. ft.	53,604.5 daily tons	33,100,842.3 adj. buffer time index	0.0 adjusted points	45.7 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	5.7	9.8	4.0	1.2	0.7	0.0	8.3	4.2	0.3	0.0	3.5		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	2.8		8.1		0.9			5.9			0.0			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.4		2.0		0.2			1.5			0.0	-0.2		
Project Benefit	3.9													
SMART SCALE Cost	$40,394,121													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.0**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

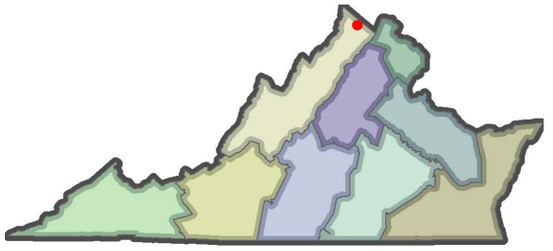
Route 11/Old Charles Town Roundabout

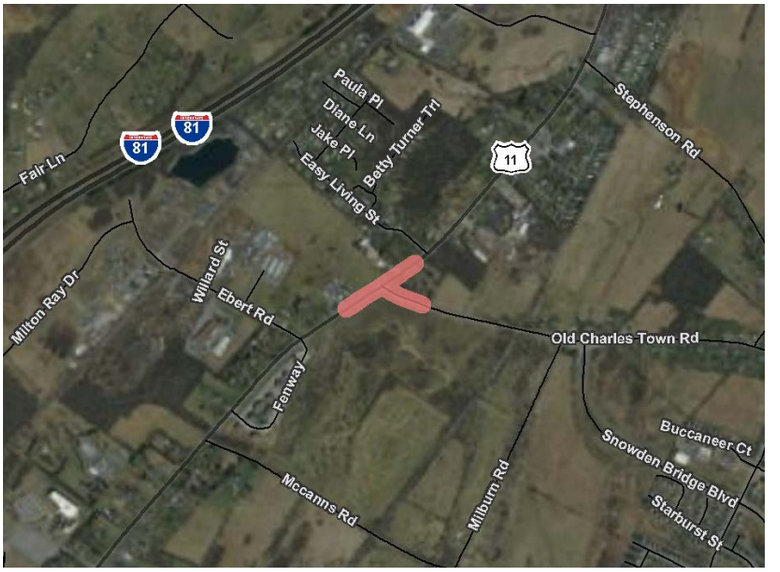
Project Id: 6871

Replace existing T intersection with a roundabout.

2.9 SMART SCALE SCORE			
	#190 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$6,357,196
		Total Project Cost	$6,357,196
	#27 OF 45 DISTRICTWIDE	**Project Benefit**	1.8
		Project Benefit / Total Cost	2.9

Submitting Entity: Win-Fred Metropolitan Planning Organization
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: HPP
Evacuation Route: Yes
VTRANS Need: Corridor of Statewide Significance





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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	0.0 persons	2.0 person hrs.	21.6 EPDO	4,740.2 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	1,083,955.2 adj sq. ft.	0.0 daily tons	492,134.6 adj. buffer time index	0.0 adjusted points	19.9 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.3	3.5	13.3	0.0	0.0	0.0	1.7	0.0	0.0	0.0	1.5		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.2		6.4		0.0			1.0			0.0			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		1.6		0.0			0.3			0.0	-0.1		
Project Benefit	1.8													
SMART SCALE Cost	$6,357,196													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**2.9**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

Pleasant Valley Road - Featherbed Lane Roadway Improvements

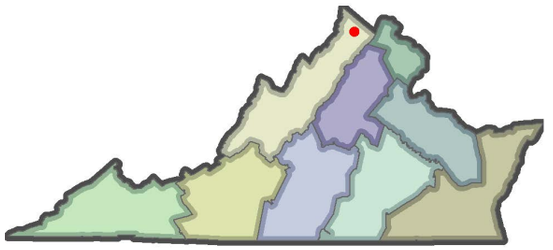
Project Id: 7160

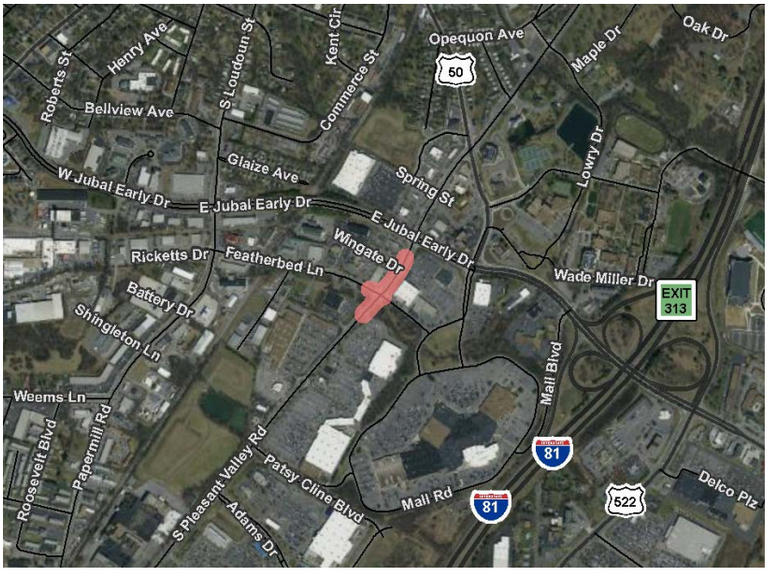
Project would consist of the following: 1) Constructing a raised center median on Pleasant Valley for access management at the Wingate Drive intersection to eliminate left turns. This would also allow the left turn lanes on Pleasant Valley between Jubal Early and Featherbed to be extended. 2) Constructing a right turn lane on northbound Pleasant Valley at Featherbed, including a bridge widening with sidewalk. 3) Constructing a right turn lane on eastbound Featherbed at Pleasant Valley.

1.0 SMART SCALE SCORE	
#301	OF 397 STATEWIDE
#35	OF 45 DISTRICTWIDE

SMART SCALE Requested Funds	$5,448,627
Total Project Cost	$5,448,627
Project Benefit	0.5
Project Benefit / Total Cost	1.0

Submitting Entity: Winchester City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: No
VTRANS Need: Regional Network





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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	0.0 persons	3.8 person hrs.	17.0 EPDO	412.8 EPDO / 100M VMT	0.3 jobs per resident	0.2 jobs per resident	0.0 adjusted users	0.0 adj sq. ft.	530.0 daily tons	0.0 adj. buffer time index	0.0 adjusted points	17.2 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.6	2.7	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.3		2.3		0.0			0.0			0.0			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		0.6		0.0			0.0			0.0	-0.1		
Project Benefit	0.5													
SMART SCALE Cost	$5,448,627													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**1.0**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

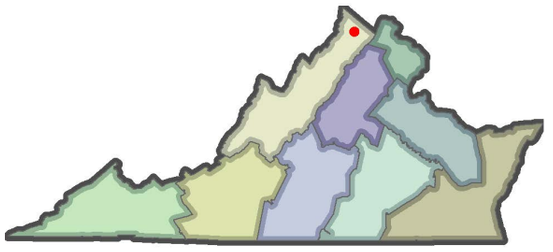
Pleasant Valley Road Access Management near Spring Street

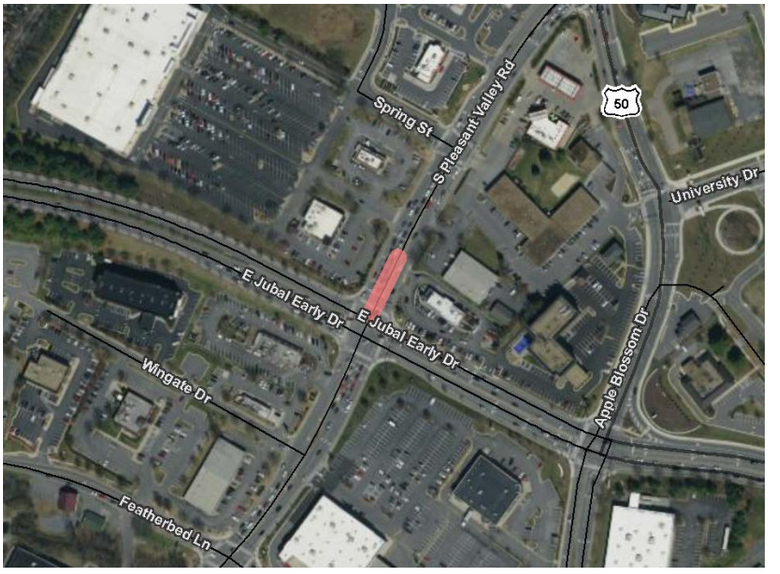
Project Id: 7165

Project would consist of extending the existing raised center median on Pleasant Valley just south of Jubal Early Drive to prevent motorists from exiting the Starbucks and making a left turn onto Pleasant Valley.

9.3 SMART SCALE SCORE			
	#66 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$202,978
		Total Project Cost	$202,978
	#9 OF 45 DISTRICTWIDE	**Project Benefit**	0.2
		Project Benefit / Total Cost	9.3

Submitting Entity: Winchester City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: No
VTRANS Need: Regional Network





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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	0.0 persons	0.0 person hrs.	3.6 EPDO	597.7 EPDO / 100M VMT	0.0 jobs per resident	0.0 jobs per resident	0.0 adjusted users	69,105.0 adj sq. ft.	0.0 daily tons	0.0 adj. buffer time index	0.0 adjusted points	14.3 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.0	0.0	0.6	1.7	0.0	0.0	0.0	0.1	0.0	0.0	0.0	1.1		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.0		0.9		0.0			0.1			0.0			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		0.2		0.0			0.0			0.0	-0.1		
Project Benefit	0.2													
SMART SCALE Cost	$202,978													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**9.3**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

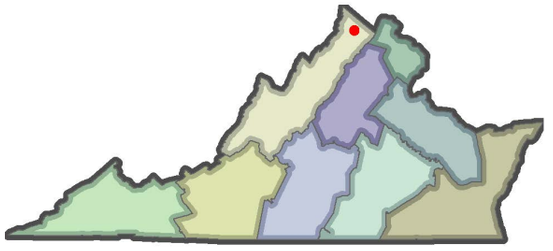
PROJECT SCORECARD

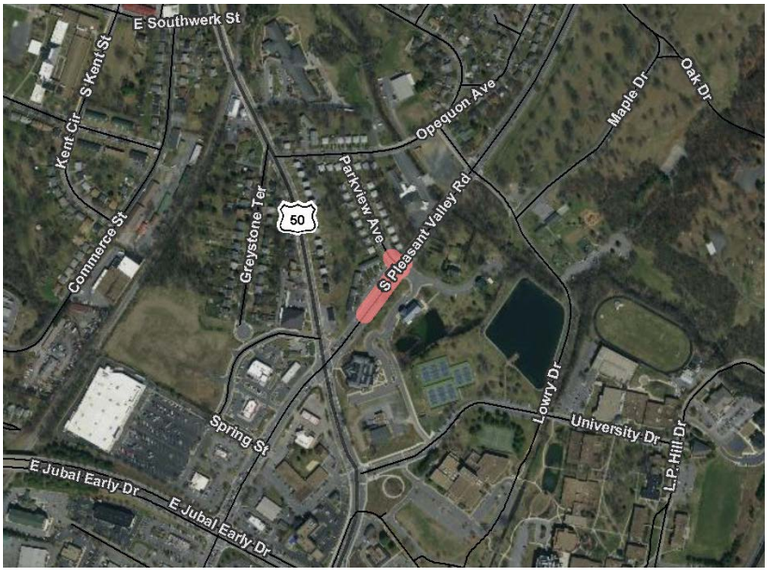
Pleasant Valley Road Access Management at Parkview Project Id: 7166

1) Prohibiting left turns for eastbound motorists on Parkview turning onto Pleasant Valley Road; 2) Eliminating the entrance onto Pleasant Valley at the apartment complex just south of Parkview Avenue; and 3) Providing a new entrance to the apartment complex onto Parkview Avenue and replace/extend sidewalk per the project sketch.

5.6 SMART SCALE SCORE			
	#111 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$829,668
		Total Project Cost	$829,668
	#16 OF 45 DISTRICTWIDE	**Project Benefit**	0.5
		Project Benefit / Total Cost	5.6

Submitting Entity: Winchester City
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: No
VTRANS Need: Regional Network





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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	28.0 persons	0.0 person hrs.	4.2 EPDO	429.0 EPDO / 100M VMT	0.1 jobs per resident	0.1 jobs per resident	42.0 adjusted users	0.0 adj sq. ft.	0.0 daily tons	0.0 adj. buffer time index	56.0 adjusted points	19.1 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	1.5	0.0	0.7	1.2	0.0	0.0	1.7	0.0	0.0	0.0	1.3	1.5		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.8		0.8		0.4			0.0			1.3			
Factor Weight (% of Project Score)	15%		25%		25%			25%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.1		0.2		0.1			0.0			0.1	-0.1		
Project Benefit	0.5													
SMART SCALE Cost	$829,668													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**5.6**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE — Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

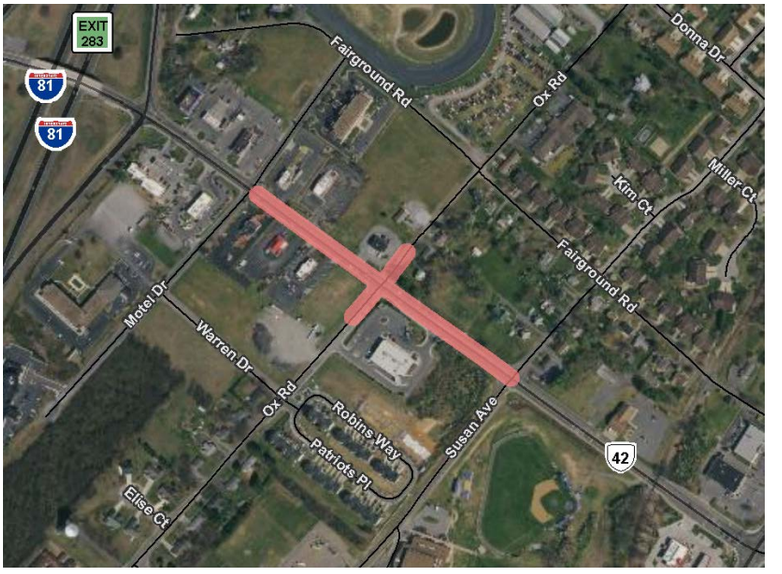
Route 42 - Ox Road Intersection Improvement

Project Id: 6940

Woodstock seeks funding for corridor safety and access management improvements through an intersection change at Ox Road and Route 42. The corridor is subject to increased traffic with performance deficiencies and is identified as having a high potential for safety improvement (psi). This proposal includes developing a hybrid roundabout and maintaining a through lane and left turn lane on both directions of Route 42 with approach medians and pedestrian sidewalk and crossing improvements

2.9 SMART SCALE SCORE	#187 OF 397 STATEWIDE	SMART SCALE Requested Funds	$4,447,003
		Total Project Cost	$4,447,003
	#25 OF 45 DISTRICTWIDE	Project Benefit	1.3
		Project Benefit / Total Cost	2.9

Submitting Entity: Woodstock Town
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: DGP
Evacuation Route: No
VTRANS Need: Safety (non-CoSS)



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	11.0 persons	10.1 person hrs.	14.4 EPDO	1,906.4 EPDO / 100M VMT	12.7 jobs per resident	18.6 jobs per resident	16.5 adjusted users	114,757.2 adj sq. ft.	2,167.2 daily tons	2,776,748.5 adj. buffer time index	22.0 adjusted points	0.1 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.6	1.6	2.3	5.3	0.7	0.9	0.7	0.2	0.2	0.0	0.5	0.0		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	1.1		3.2		0.8			0.1			0.5			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.1		1.0		0.1			0.1			0.0	0.0		
Project Benefit	1.3													
SMART SCALE Cost	$4,447,003													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**2.9**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

Route 42 Corridor - West Project Id: 6941

The Town of Woodstock seeks funding for corridor safety and access management improvements between the Exit 283 northbound exit ramp and Hisey Avenue. The corridor is subject to increased traffic with performance deficiencies and is identified as having a high potential for safety improvement (psi). The corridor improvement types will include median improvements, pedestrian sidewalk and crossing improvement, and signal coordination.

2.1 SMART SCALE SCORE	#228 OF 397 STATEWIDE	SMART SCALE Requested Funds	$3,282,147
		Total Project Cost	$3,282,147
	#30 OF 45 DISTRICTWIDE	Project Benefit	0.7
		Project Benefit / Total Cost	2.1

Submitting Entity: Woodstock Town
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: DGP
Evacuation Route: No
VTRANS Need: Safety (non-CoSS)

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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	15.4 persons	0.4 person hrs.	4.8 EPDO	1,356.9 EPDO / 100M VMT	1.9 jobs per resident	1.9 jobs per resident	23.1 adjusted users	115,993.4 adj sq. ft.	1,095.7 daily tons	264,242.7 adj. buffer time index	30.8 adjusted points	0.1 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.8	0.1	0.8	3.8	0.1	0.1	1.0	0.2	0.1	0.0	0.7	0.0		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.4		1.7		0.3			0.1			0.7			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		0.5		0.0			0.0			0.1	0.0		
Project Benefit	0.7													
SMART SCALE Cost	$3,282,147													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**2.1**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

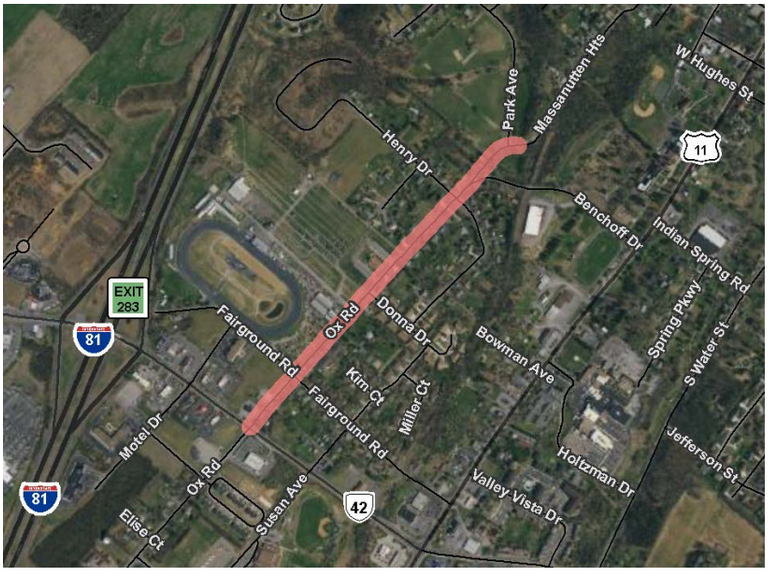
Ox Road Bicycle and Pedestrian Improvements

Project Id: 6954

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.

0.2 SMART SCALE SCORE	#366 OF 397 STATEWIDE	SMART SCALE Requested Funds	$3,870,269
		Total Project Cost	$3,870,269
	#43 OF 45 DISTRICTWIDE	Project Benefit	0.1
		Project Benefit / Total Cost	0.2

Submitting Entity: Woodstock Town
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: Both
Evacuation Route: No
VTRANS Need: Corridor of Statewide Significance



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	3.7 persons	0.0 person hrs.	0.0 EPDO	0.0 EPDO / 100M VMT	7.0 jobs per resident	9.7 jobs per resident	11.1 adjusted users	74,273.8 adj sq. ft.	0.0 daily tons	0.0 adj. buffer time index	0.0 adjusted points	3.3 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.2	0.0	0.0	0.0	0.4	0.5	0.5	0.1	0.0	0.0	0.0	0.3		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.1		0.0		0.4			0.1			0.0			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		0.0		0.1			0.0			0.0	0.0		
Project Benefit	0.1													
SMART SCALE Cost	$3,870,269													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.2**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

SMART SCALE Funding the Right Transportation Projects in Virginia

PROJECT SCORECARD

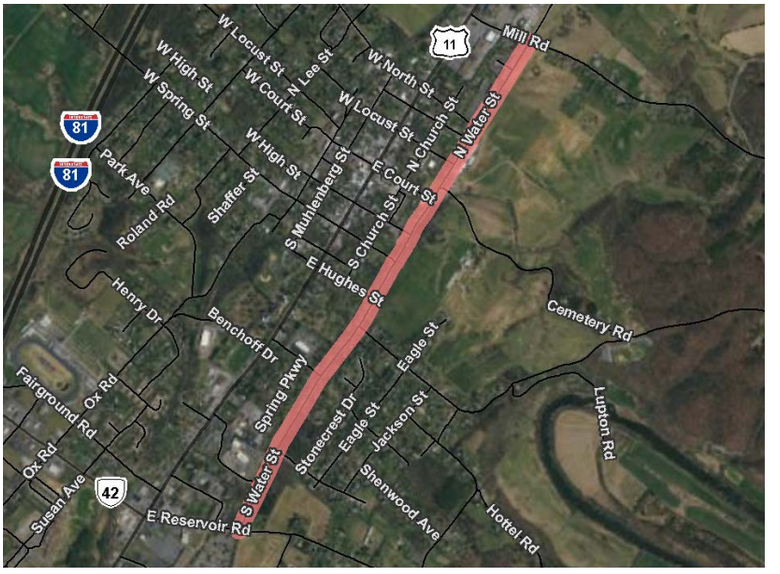
Water Street Bicycle and Pedestrian Improvements

Project Id: 7067

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.

0.0 SMART SCALE SCORE			
	#393 OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$5,622,743
		Total Project Cost	$5,622,743
	#45 OF 45 DISTRICTWIDE	**Project Benefit**	0.0
		Project Benefit / Total Cost	0.0

Submitting Entity: Woodstock Town
Preliminary Engineering: Not Started
Right of Way: Not Started
Construction: Not Started
Eligible Fund Program: DGP
Evacuation Route: No
VTRANS Need: Urban Development Area



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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	2.2 persons	0.0 person hrs.	0.0 EPDO	0.0 EPDO / 100M VMT	6.5 jobs per resident	10.3 jobs per resident	6.5 adjusted users	9,078.1 adj sq. ft.	0.0 daily tons	0.0 adj. buffer time index	0.0 adjusted points	21.9 impacted acres	access * pop/emp density.h	access * pop/emp density change.
Normalized Measure Value (0-100)	0.1	0.0	0.0	0.0	0.4	0.5	0.3	0.0	0.0	0.0	0.0	1.7		
Measure Weight (% of Factor)	50%	50%	70%	30%	60%	20%	20%	60%	20%	20%	100%	*	N/A	N/A
Factor Value	0.1		0.0		0.4			0.0			0.0			
Factor Weight (% of Project Score)	10%		30%		15%			35%			10%	5 (max point reduction)	N/A	
Weighted Factor Value	0.0		0.0		0.1			0.0			0.0	-0.1		
Project Benefit	0.0													
SMART SCALE Cost	$5,622,743													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**0.0**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

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MULTIPLE DISTRICTS

FY 2022

SCORECARDS

Commonwealth Transportation Board
Office of Intermodal Planning and Investment
Virginia Department of Transportation
Virginia Department of Rail and Public Transportation

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SMART SCALE
Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

Display Id	Project Name	Organization	District Rank	State Rank	Page #
7198	Intercity Rail Service Expansion along US-29 & I-81Corridors	CTB	1	30	10-01

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SMART SCALE — Funding the Right Transportation Projects in Virginia

VDOT DRPT Office of INTERMODAL Planning and Investment

PROJECT SCORECARD

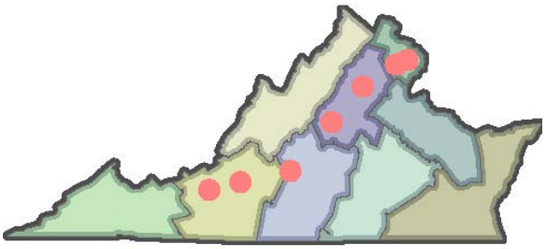
Intercity Rail Service Expansion along US-29 & I-81Corridors

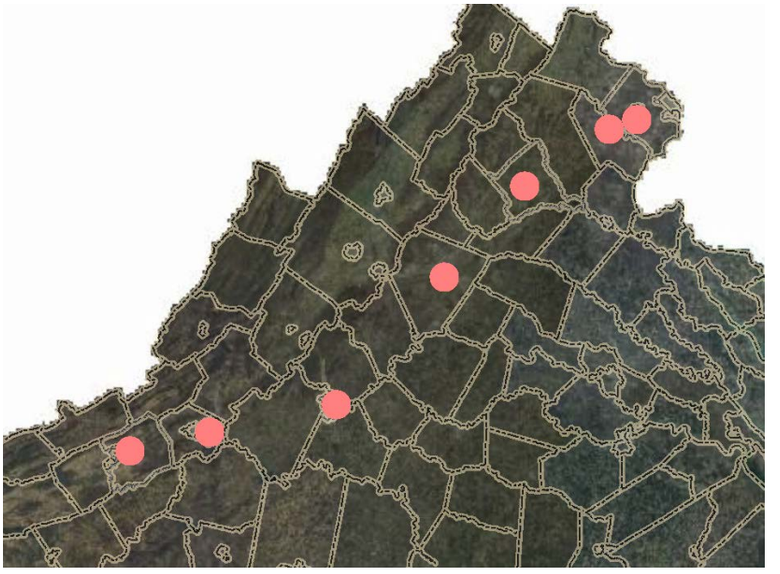
Project Id: 7198

The rail capacity improvements include network fluidity improvements between Manassas and Roanoke, including the construction of an approximately 7 mile siding between Nokesville and Calverton; passenger rail bypass tracks and other improvements to the NS Roanoke West yard; acquisition of the Virginian line between Salem and Christiansburg; and signal and speed improvements between Christiansburg and Salem, VA.

13.0 SMART SCALE SCORE	**#30** OF 397 STATEWIDE	**SMART SCALE Requested Funds**	$50,000,000
		Total Project Cost	Under Development
	#1 OF 1 DISTRICTWIDE	**Project Benefit**	65.1
		Project Benefit / Total Cost	Under Development

Submitting Entity: CTB
Preliminary Engineering: N/A
Right of Way: N/A
Construction: Not Started
Eligible Fund Program: HPP
Evacuation Route: No
VTRANS Need: Corridor of Statewide Significance





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	Impact to Natural and Cultural Reasources	Support of Transportation-Efficient Land Development	Support of Transportation-Efficient Land Development
Measure Value	278.0 persons	601.6 person hrs.	623.3 EPDO	7.1 EPDO / 100M VMT	1,725.0 jobs per resident	1,972.4 jobs per resident	1,390.0 adjusted users	7,473,250.1 adj sq. ft.	0.0 daily tons	7,683,566,992.4 adj. buffer time index	4,201.0 adjusted points	1,293.5 impacted acres	35.6 access * pop/emp density.h	30.1 access * pop/emp density change.
Normalized Measure Value (0-100)	14.9	98.6	100.0	0.0	100.0	100.0	57.1	12.0	0.0	71.1	94.5	100.0	53.7	45.6
Measure Weight (% of Factor)	50%	50%	100%	0%	60%	20%	20%	60%	20%	20%	100%	*	50%	50%
Factor Value	56.8		100.0		91.4			21.4			94.5		49.7	
Factor Weight (% of Project Score)	15%		20%		25%			20%			10%	5 (max point reduction)	10%	
Weighted Factor Value	8.5		20.0		22.9			4.3			9.4	-5.0	5.0	
Project Benefit	65.1													
SMART SCALE Cost	$50,000,000													
SMART SCALE Score (Project Benefit per $10M SMART SCALE Cost)	**13.0**													

*The second environment measure subtracts up to 5 points from the project benefit score. Because it is subtracted after combining all weighted factors, it has no measure weight and the 10% factor weight is not applied to it.

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