
VDOT
Virginia Department of Transportation

SMART SCALE ROUND 7

Charlottesville – Albemarle MPO Smart Scale Meetings

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September 2025

Meeting Agenda

1. Welcome and Introductions
2. SMART Scale Overview
3. Funding, Summary, and Takeaways from Round 6
4. VTRANS Needs and Support Recommendations
5. Application Schedule
6. Potential Application Locations by Residency
   - Current Studies
   - Map of VTRANS Priority Needs and PSI Locations
   - List of Previous Applications
   - List of Recommended Application locations
7. Next Steps

SMART SCALE Program Overview

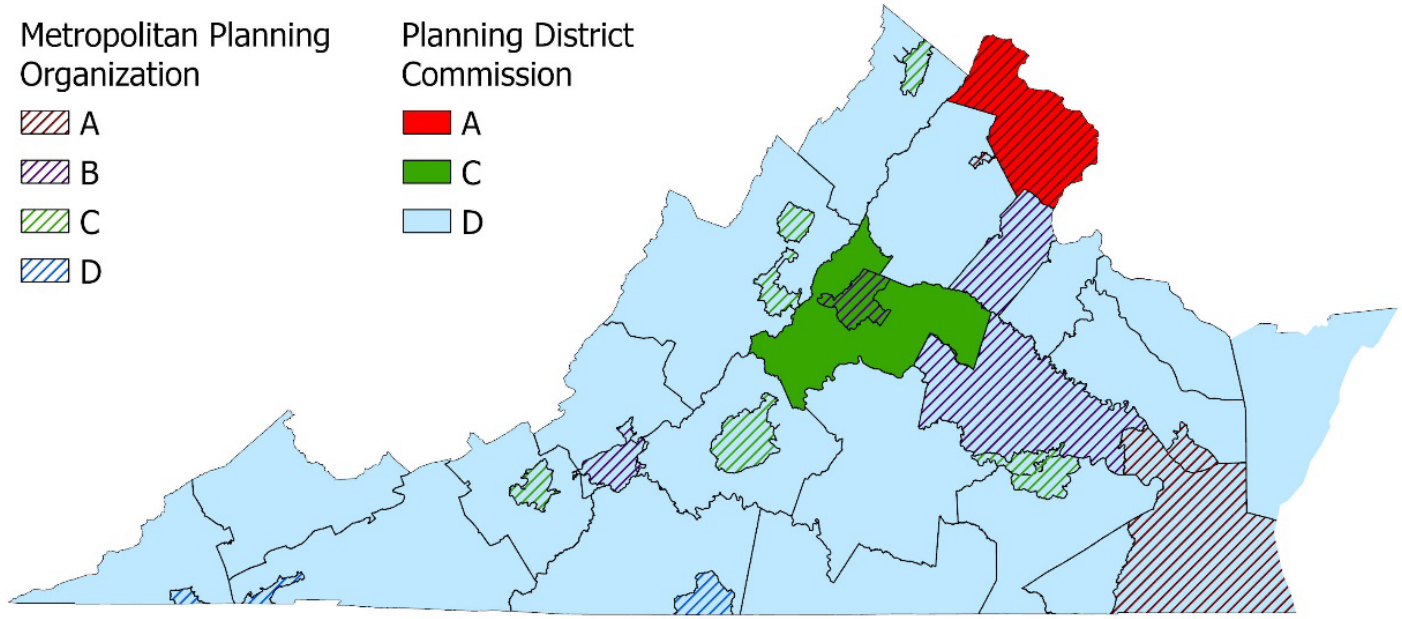
Prioritization process used to fund projects in two construction programs:

- **High Priority Projects Program (HPP)**
  - Funds projects of statewide/regional significance
  - Competitive statewide
  - Projects must meet thresholds for both location and type to be eligible
- **District Grant Program (DGP)**
  - Funds projects of local significance
  - Competitive within each VDOT Construction District

Eligible Applicants	Regional Entity	Locality	Public Transit Agencies
Addresses Need on Corridor(s) of Statewide Significance	Yes	Yes	Yes
Addresses Need on Regional Network	Yes	Yes	Yes
Improvement to Support Urban Development Area(s)	No	Yes	No
Addresses Identified Safety Need	No	Yes	No

Project Scoring Process

- Six scoring factors specified in Virginia State Code
- Factor weights used to calculate overall project score based on Area Type
  - Category A = Most Urban
  - Category D = Most Rural
- CAMPO is Area Type B
- For regional entities with population less than 500,000:
  - Maximum 4 applications



Factor	Safety	Congestion Mitigation	Accessibility	Land Use	Economic Development	Environmental Quality
Category A	15%	45%	25%	Multiplier	5%	10%
Category B	20%	25%	25%	Multiplier	20%	10%
Category C	30%	20%	15%	Multiplier	25%	10%
Category D	40%	10%	10%	Multiplier	30%	10%

Features Required for HPP Eligibility

Table 2.3 Features Required for HPP Eligibility

Feature Category	Feature Name
Highway	Add New Through Lane(s); Roadway on New Alignment; Managed Lane(s) (HOV/HOT/Shoulder); Improve Grade Separated Interchange; Innovative Interchange; New Interchange, Non-Limited Access Facility; New Interchange, Limited Access Facility; New Bridge
Transit	New High-Capacity or Fixed-Guideway Route/Service; Increase Existing High-Capacity or Fixed-Guideway Route/Service; Construct/Expand Bus Facility
Rail	Rail Service Improvements; New Station or Station Improvements; Intercity Passenger Rail Service Improvements; New Intercity Passenger Rail Station or Station Improvements; Freight Rail Improvements

Alternatively, an application is eligible for HPP funds if the proposed improvements are identified as the preferred alternative of one of the following studies:

- STARS
- Pipeline
- Arterial Management Plan
- MPO/Transit/Local study with components equivalent to one of the previously listed studies, completed in coordination with VDOT staff, and meeting the definition of “regionally significant” in accordance with 23 CFR 450.104.

Revenue Allocation Projections

Commonwealth Transportation Fund Preliminary Fiscal Years 2026 – 2031 Six-Year Financial Plan Estimated Allocations (in millions)

	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2026-2031 Total	2025-2030 SYFP	Difference
Debt Service	$ 435.7	$ 438.3	$ 427.4	$ 415.3	$ 440.0	$ 448.9	$ 2,605.6	$ 2,427.4	$ 178.3
Other Agencies & Transfers	54.1	54.1	54.1	54.1	54.1	54.1	324.6	334.1	(9.5)
Maintenance & Operations	3,029.0	2,885.8	2,951.4	3,017.3	3,084.7	3,153.4	18,121.6	16,495.9	1,625.7
Administration & Other Programs	638.2	633.3	650.8	661.8	673.1	684.6	3,941.8	3,761.6	[illegible]
Toll Programs	141.7	118.8	107.9	108.8	109.9	110.9	698.0	780.8	(82.8)
Special Structures	90.0	92.3	94.7	97.2	99.7	102.3	576.1	554.0	22.1
Public Transportation	647.8	654.8	674.3	693.6	714.6	731.5	4,116.7	4,190.5	(73.8)
Virginia Passenger Rail Authority	224.2	221.6	230.3	234.8	224.6	228.2	1,363.6	1,383.3	(19.7)
DRPT Rail Assistance	16.5	16.6	16.9	17.2	17.7	18.0	102.9	97.5	5.4
DRPT Administration	19.9	20.1	20.7	21.4	22.1	22.7	127.0	126.4	0.5
Commonwealth Port Fund	64.0	64.7	66.6	68.4	70.5	72.4	406.6	374.7	31.9
Commonwealth Aviation Fund	38.6	39.0	40.2	41.3	42.5	43.7	245.3	225.4	19.9
Commonwealth Space Flight Fund	24.7	25.0	25.7	26.5	27.3	28.1	157.3	147.5	9.7
Department of Motor Vehicles	24.7	25.0	25.7	26.4	27.3	28.1	157.1	147.5	[illegible]
Construction	2,475.6	3,171.6	2,200.5	2,636.2	2,340.6	2,513.3	15,337.9	16,978.2	(1,640.3)
Total Operating Programs	**$ 7,924.7**	**$ 8,461.0**	**$ 7,587.2**	**$ 8,120.3**	**$ 7,948.8**	**$ 8,240.2**	**$ 48,282.1**	**$ 48,024.8**	**$ 257.3**
Pass Through Programs									
WMATA Capital Fund/General Fund	258.9	182.1	189.6	195.2	197.1	199.6	1,222.6	957.5	265.1
Central Virginia Transportation Fund	245.4	241.9	249.8	259.3	269.6	277.2	1,543.2	1,370.4	172.8
Northern Virginia Transportation Authority Fund	446.4	460.0	480.7	503.1	522.8	540.0	2,953.0	2,629.0	324.0
Hampton Roads Regional Transit Fund	33.7	36.6	37.0	37.2	37.4	37.6	219.5	236.8	(17.3)
Hampton Roads Transportation Fund	281.0	285.4	294.8	306.3	318.7	329.3	1,815.5	1,677.5	138.0
Subtotal	**1,265.4**	**1,206.0**	**1,251.9**	**1,301.1**	**1,345.6**	**1,383.7**	**7,753.8**	**6,871.2**	**882.6**
Total	**$ 9,190.1**	**$ 9,667.0**	**$ 8,839.1**	**$ 9,421.4**	**$ 9,294.4**	**$ 9,623.9**	**$ 56,035.9**	**$ 54,896.1**	**$ 1,139.8**

Comparison of Culpeper District Funding Amounts Among Rounds

Funding Program Allocation	Round 1	Round 2	Round 3	Round 4	Round 5	Round 6
District Grant Program	$54,872,548	$19,461,690	$24,574,905	$112,904,043	$115,814,917	$57,044,912
High Priority Project Program	$25,559,585	$36,670,555	$7,007,394	$51,307,790	$35,859,314	$36,406,798
Total	$80,432,133	$56,132,245	$31,582,299	$164,211,833	$151,674,231	$93,451,710

- Round 1 funding reflects phasing in the SMART SCALE program and increased projected revenues from FAST Act.
- Round 2 funding reflects one year of projected funding.
- Round 3 funding reflects two years of projected funding due to transition to biennial application cycle.
- Round 4 and 5 funding reflects phasing in of the Supplemental Fuels Tax.
- Round 6 funding reflects fully phased in Supplemental Fuels Tax.
- High Priority Project Program funding is competitive statewide and not guaranteed.

Recommended Round 6 Funding Scenario Summary

District	Number of Applications	DGP Available	Previous DGP Cost Increases	HPP Available	DGP Allocated	DGP Remaining	HPP Allocated	HPP Remaining	Funded in Staff Scenario	Total Allocated
Bristol	20	$37.0			$27.2	$9.8	$0.0		3	$27.2
Culpeper	24	$68.0	-$6.6		$57.0	$4.3	$36.4		4	$93.5
Fredericksburg	34	$76.2			$73.5	$2.7	$16.8		4	$90.3
Hampton Roads	31	$121.6			$111.9	$9.7	$27.3		11	$139.2
Lynchburg	12	$85.9			$82.4	$3.5	$0.0		4	$82.4
Northern Virginia	23	$97.4			$88.7	$8.8	$0.0		4	$88.7
Richmond	65	$104.9			$82.6	$22.2	$255.8		14	$338.5
Salem	34	$64.3			$53.9	$10.3	$0.0		3	$53.9
Staunton	27	$39.4	-$6.0		$25.3	$8.1	$44.7		6	$69.9
Statewide HPP				$384.7						
Total	**270**	**$694.6**		**$384.7**	**$602.5**	**$79.5**	**$381.0**	**$3.6**	**53**	**$983.6**

Starting Total	**$1,079.3**
Remaining Total	**$83.1**

Round 6 Takeaways

	Statewide	Culpeper District
Median Score	2.27	3.7
Max	27.71	7.47
Min	0	1.57
Average	3.53	3.77

Ranking breakdown

7 projects scored in the top 25 %

18 projects are in the top 50 %

All project were in the top 65 %

Overall, Application in the Culpeper District scored better than the rest of the state

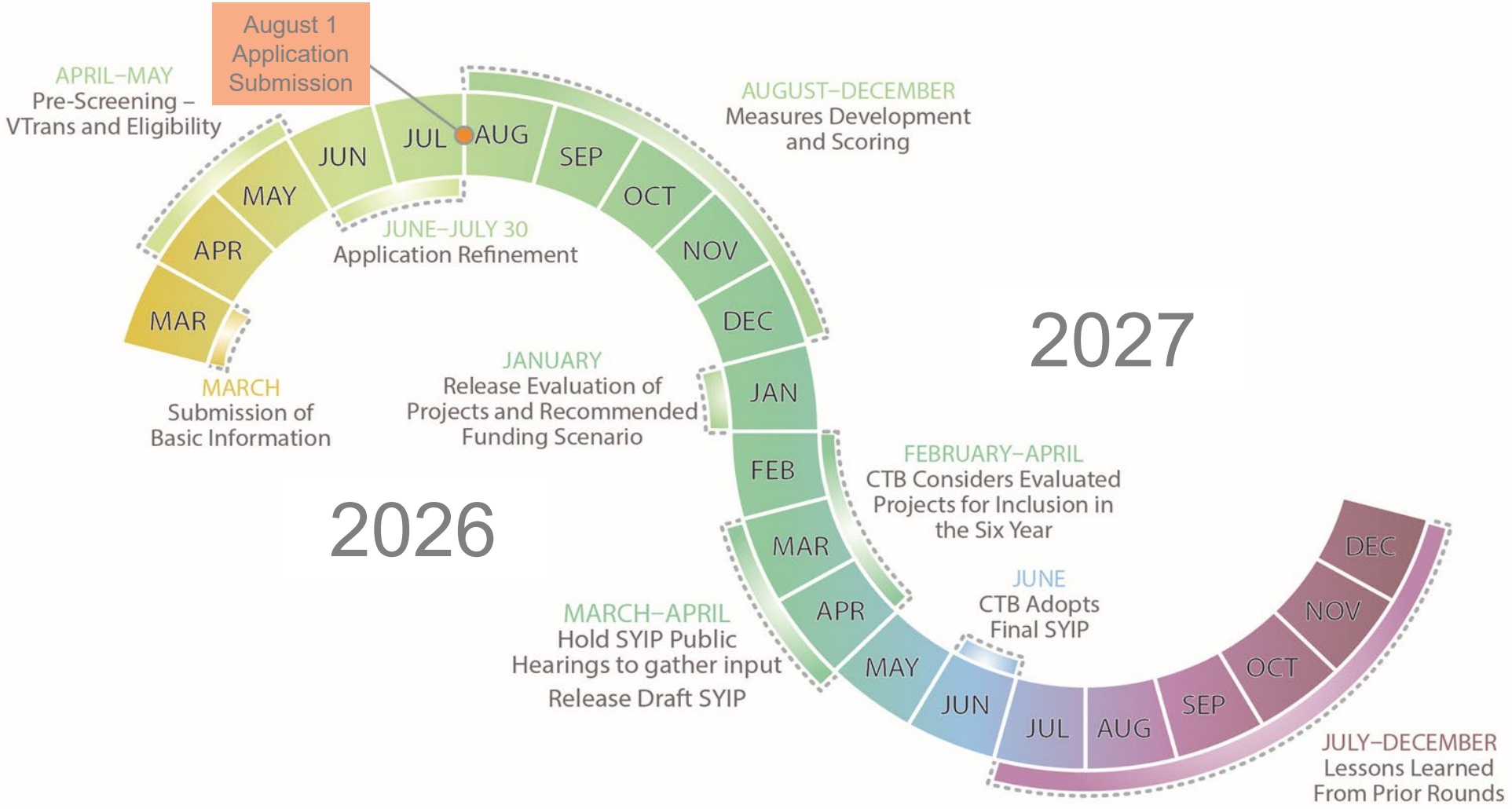
Round 6 Takeaways (Cont.)

- For the District Grant Program (DGP)
  - All the Funded Projects were identified as **VTRANS Priority Needs**
  - **81%** (43 of 53) were locations with a **Priority 1 or 2 Construction District Priority Needs**
  - Average Cost of All Funded Projects was **$18.6 Mil**
    - $1.825 Mil Crosswalk Project in Hampton Rds.
    - $57.372 Mil Rte. 1 - Southpoint Pkwy Intersection Improvement in Fredericksburg
- For the High Priority Grant Program
  - **70%** (18 of 23) were identified as a **Statewide Priority Need (1-4)**
  - **96%** (22 of 23) were locations with a **Priority 1 or 2 Construction District Priority Need**
  - Average Cost of Funded HPP Projects was **$27.2 Mil**
    - $10.507 Mil I-81 Port Republic Interchange Improvements in Staunton District
    - $45.991 Mil I-85/95 Interchange Improvements in Richmond

VTRANS Needs

- VTrans Needs
  - The Prioritized Mid-term Needs were adopted by the CTB in April 2025 based on the 2023 data. The needs are divided into four categories. These are shown graphically on the VTRANS Interactive Map tool.
  - Based on the previous round results the level of priority will be used to determine **VDOT's Support** for providing assistance with studies and application development (with a focus on **Priority 1 or 2 Need location only**).
  - The current safety needs will also be referenced. These are updated annually with the latest crash information to remain current. The new list is typically released in November each year. For the initial screening, we will use the 2019-2023 PSI data.

Proposed Smart Scale Schedule



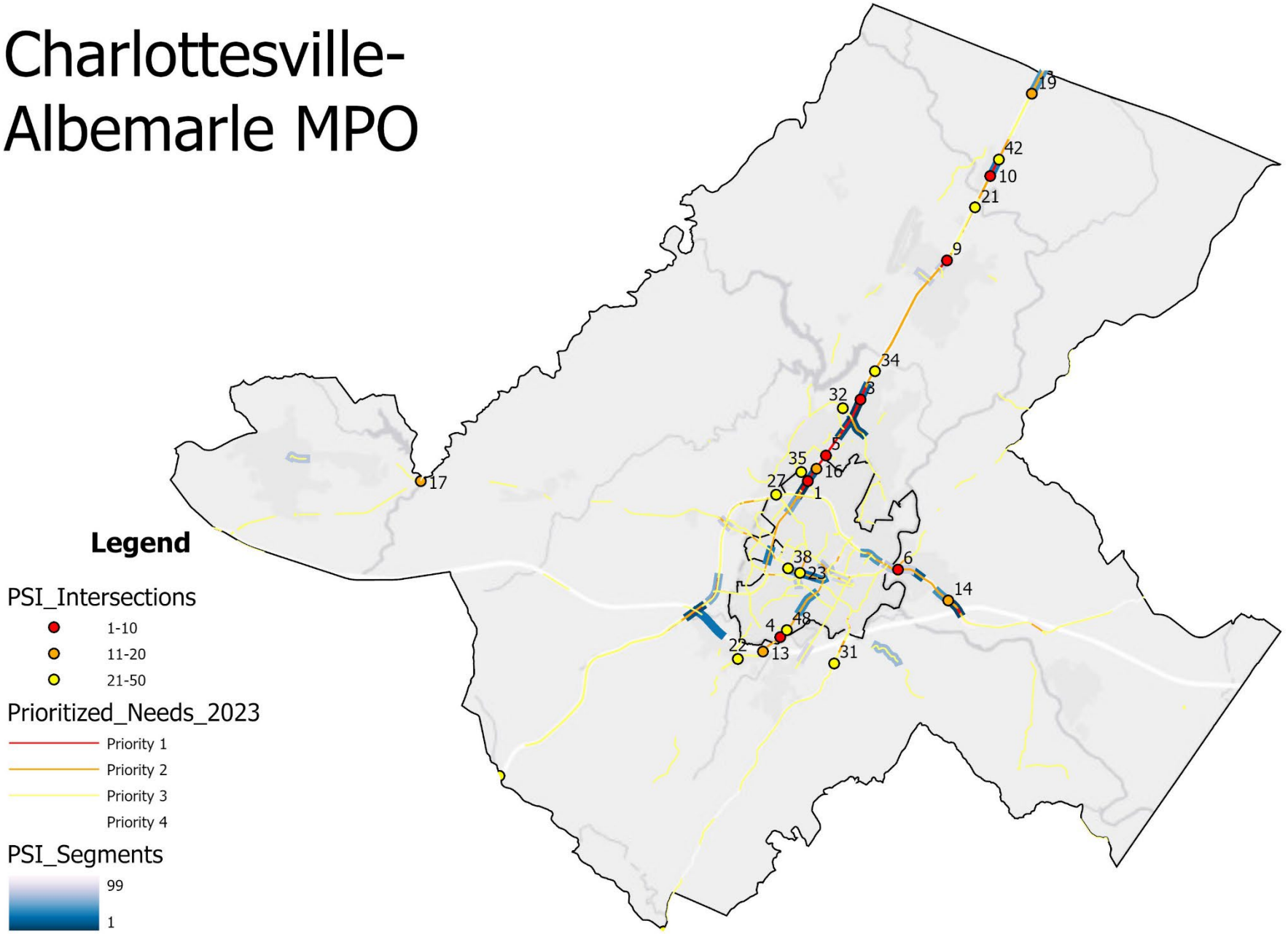
CA-MPO

CA–MPO – Current Studies

- As part of the STARS Process, these listed locations are currently being studied:
  - US 29 (Seminole Trail) from Hydraulic Rd. to Woodbrook Rd. intersections in Albemarle County
  - US 29 (Emmett St.) from Barracks Rd to Hydraulic Rd intersection, including the US 29/250 Bypass Interchange and the Bypass for Barracks Rd to Hydraulic Rd.
- As part of the Project Pipeline Process, these listed locations are being studied:
  - 5th St corridor from Harris Rd. to Pinecrest Rd. to include the I-64 interchange and 5th St. Station.
  - US 29 – I-64 Interchange form just north of Fontaine Ave interchange to Teel Ln. (include the Park and Ride lot on Teel Ln.)

These studies are being conducted over the next 8 months through a multidisciplinary team approach to develop recommended improvements that can be submitted for funding in Round 7 of Smart Scale.

CA-MPO VTRANS Priority 1 & 2 Needs and Top 50 PSI Locations



CA-MPO – Previous Applications

App ID	Project Title	Submitting Organization	Residency	SS Round	Project Type	Benefit Score	SS Request	SS Score	Rank	Comments
634	Interstate 64 - Exit 118	CAMPO	C'ville	1	COSS	0.703	$134,446,705	0.048	282	Split into pieces and resubmitted in Round 2 and 3; Revisions funded in smaller projects
1385	Free Bridge Congestion Relief	CAMPO	C'ville	2	CoSS	9.064	$45,761,730	1.981	229	Split and submitted 20/250 in Round 3; Revision funded (submitted by Albemarle County)
1386	Exit 124 (Interstate 64)	CAMPO	C'ville	2	CoSS	11.918	$18,400,000	6.477	116	Funded
1387	I 64 - Exit 118 WB loop closure & SB Lt.Turn Add	CAMPO	C'ville	2	RN	0.597	$6,775,000	0.881	288	Funded through HSIP
1398	Exit 118 WB I64/NB Route29	CAMPO	C'ville	2	RN	2.258	$2,900,000	7.784	97	Funded
4049	US 29 and Fontaine Avenue Inter. Imp.	CAMPO	C'ville	3	RN	5.099	$21,900,000	2.328	183	Revised and Resubmited Rd 4
4102	Package 1 - US 29 and Hydraulic Road Imp.	CAMPO	C'ville	3	COSS	8.606	$206,093,288	0.459	360	Re- evaluated and Resubmitted in Rd 4; Revision funded (#7088)
4375	Package 2 - Hydraulic Road and US 29 Intersection	CAMPO	C'ville	3	COSS	7.083	$109,363,456	0.702	328	Evaluated and Resubmit Rd 4; Revision funded (#7088)
4386	Package 3 - US 29 and Hydraulic Area Imp.	CAMPO	C'ville	3	COSS	3.637	$96,729,832	0.419	368	Evaluated and Resubmit Rd 4; Revision funded (#7088)
6892	US 29 and Fontaine Avenue Inter. Imp.	CAMPO	C'ville	4	RN	10.852	$12,374,620	8.769	73	Funded
7088	Hydraulic Road and 29	CAMPO	C'ville	4	CoSS	16.509	$18,300,000	28.809	10	Funded
7091	Hillsdale South Extension	CAMPO	C'ville	4	RN	12.955	$34,314,082	3.775	156	Considering Resubmission in Future; Still HPP eligible
9174	Fifth Street Ext. Multimodal Imp.	CAMPO	C'ville	5	RN	3.828	$22,788,588	1.680	273	MPO/Localities looking at other options; No longer HPP eligible as standalone project

CA-MPO – Previous Applications

App ID	Project Title	Submitting Organization	Residency	SS Round	Project Type	Benefit Score	SS Request	SS Score	Rank	Comments
9178	Avon Street Multimodal Improvements	CAMPO	C'ville	5	RN	13.379	$15,807,317	8.464	54	Funded
9179	Rivanna River Bicycle and Ped. Bridge Crossing	CAMPO	C'ville	5	CoSS	13.352	$42,115,788	3.170	179	MPO Looking at other options; No longer HPP eligible
9180	District Ave. / Hydraulic Rd. Roundabout	CAMPO	C'ville	5	RN	9.215	$20,051,997	4.596	130	Funded
11487	US250/Peter Jeff. Pkway and Rolkin Road Pipeline Bundle	CAMPO	C'ville	6	CoSS	24.390	$36,406,798	6.700	38	Funded
11675	I64/Fifth Street Interchange Improvement (Exit 120)	CAMPO	C'ville	6	CoSS	16.930	$79,010,129	2.143	139	Re-evaluating in a Pipeline Study for Round 7
11678	Barracks Road Pipeline US 29/250 Interchange and SUP	CAMPO	C'ville	6	CoSS	19.150	$93,859,520	2.041	142	Revise to consider lesser alternatives and resubmit
11679	Barracks Road Pipeline Corridor Improvements	CAMPO	C'ville	6	CoSS	25.110	$130,615,775	1.922	153	Full corridor project too expensive to be competitive

Additional Candidate Project Screening Data

Proxy Metric	SMART SCALE Scoring Factor Correlation	Data Source
District and State Prioritized Mid-Term Needs	Determines application eligibility	InteractVTrans | VTrans
Crash EPDO (Equivalent Property Damage Only)	S.1 EPDO of Fatal and Injury Crashes	Pathways for Planning
Volume to Capacity Ratio	C.1 Person Throughput	Pathways for Planning
Level of Service (Automobile)	C.2 Person Hours of Delay	Pathways for Planning
Max of TTI AM Peak/TTI PM Peak (Travel Time Index)	C.2 Person Hours of Delay	Pathways for Planning
Peak Period Expansion Factor	C.1 Person Throughput and C.2 Person Hours of Delay	Pathways for Planning
Peak Throughput	C.1 Person Throughput (Multi-modal)	VDOT Bidirectional Traffic Volume (Calculation: ADT*k-factor)
Land Use Points of Interest	L.1 Transportation Efficient Land Use	https://download.geofabrik.de/north-america/us/virginia.html
Population Density	L.1 Transportation Efficient Land Use	Census.gov B01003 Table - 5-Year ACS Estimated Population
Truck Travel Time Reliability	ED. 3 Travel Time Reliability	Pathways for Planning

Data Outputs for Potential CAMPO Projects

Project	VTRAN Priority	Top 50 PSI	EPDO	V/C	LOS	TTI	Weekday PPEF	Peak Throughput	Land Use Points (w/in 1 mile)	Pop Density (pop/sq. mi.)
US 29/250 NB On-ramp Extension	2	-	$2,000,000	1.007	F	1.32	0	5143	85	2222
US 29/250 SB Off-ramp Extension	3	-	$0	0.993	E	2.23	2.75	5143	63	1475
US 29 Corridor Study	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
US 29/250 NB Off-ramp Extension to Barracks Rd	2	Seg 230	$980,000	0.978	E	1.12	0	5143	155	3673
US 29/250 NB Off-ramp Dual Lefts & Sidewalk on Barracks Rd	3	Seg 236	$337,000	0.594	A	1.94	0	1431	168	3673
5th Street/I-64 Improvements	1	11 - Int	$13,040,000	1.639	F	3.02	0	5835	48	2540
US 29 / I 64 Interchange Improvements	1	10 Seg	$9,420,000	0.478	C	1.72	3	1406	18	777

- These values are for the road segments and do not reflect intersection operations.
- The TJPDC can also submit these projects

Eligibility Review for Potential CAMPO* Projects

Project	VTRAN Priority	Project Type	Study	Concept	Cost Estimate	Funding Eligibility	Comments	Recommendation
US 29/250 NB On-ramp Extension (Old Ivry Rd.)	2	Interchange Improvement	Pipeline Rd 2	Study Concept	Planning Level	HPP	Study Complete. VTRANS Priority 2 Need	Yes
US 29/250 SB Off-ramp Extension (Old Ivy Rd.)	3	Interchange Improvement	Pipeline Rd 2	Study Concept	Planning Level	HPP	Study Complete. VTRANS Priority 3 Need	Yes
US 29 - Interchange Imp.	TBD	TBD	Current Study	TBD	TBD	TBD	Study ongoing Work with County on final Location(s)	TBD
US 29/250 NB Off-ramp Extension to Barracks Rd	2	Interchange Improvement	Pipeline Rd 2	Study Concept	Planning Level	HPP	Study Complete. VTRANS Priority 2 Need	Yes
US 29/250 NB Off-ramp Dual Lefts & Sidewalk on Barracks Rd	3	Interchange Improvement	Pipeline Rd 2	Study Concept	Planning Level	HPP	Study Complete. VTRANS Priority 3 Need	Yes
5th Street/I-64 Improvements	1	Interchange Improvement	Current Study	Study Concept	Planning Level	HPP	Study ongoing Work with County on final Location(s) VTRANS Priority 2 Need PSI Intersection #11	Yes
US 29/I-64 Improvements	1	Interchange Improvement	Current Study	TBD	TBD	HPP	Study ongoing Work with County on final Location(s) VTRANS Priority 3 Need, PSI Segment #10	Yes

* The TJPDC is also eligible to Submit these Projects

Next Steps

Select projects

- **Review location list**
  - Present material to Locality and Regional Body Staff,
  - Revise maps and lists to reflect team (VDOT and local staff) input;
- **Coordinate with County, CA-MPO, TJPDC and Residency on meeting with CA-MPO Committees**
  - Meet with local staff to refine a recommended project list;
  - Schedule meeting with CA-MPO for October to present potential projects and Smart Scale information for consideration;
  - Request concurrence on project locations.