

MINUTES

The August meeting of the Roanoke Valley Transportation Planning Organization Policy Board was held on Thursday, August 25, 2022 at 1:00 p.m. at the Roanoke Valley-Alleghany Regional Commission office, 313 Luck Avenue, SW, Roanoke, VA.

1. WELCOME, CALL TO ORDER

Chair Martin called the meeting to order at 1:00 p.m.

2. ROLL CALL (including consideration of remote participation)

Jeremy Holmes, Secretary to the RVTPO, called the roll and stated a quorum is present.

TPO VOTING MEMBERS PRESENT

Steve Clinton	Botetourt County
Billy Martin, <i>Chair</i>	Botetourt County
Steve Fijalkowski	Montgomery County
Phil North, <i>Vice Chair</i>	Roanoke County
David Radford	Roanoke County
Joseph Cobb	City of Roanoke
Stephanie Moon Reynolds	City of Roanoke
Renee Turk	City of Salem
Mike Stewart	Roanoke-Blacksburg Regional Airport
Daniel Wagner (<i>via zoom</i>)	Virginia Dept. of Rail and Public Transportation
Anthony Ford (<i>alt. for Ken King</i>)	Virginia Dept. of Transportation – Salem District

TPO VOTING MEMBERS ABSENT

Mickey Johnson	Bedford County
Bill Jones	City of Salem
Keith Liles	Town of Vinton
Mike Stovall	Town of Vinton
Kevin Price	Greater Roanoke Transit Company (Valley Metro)
Ken King	Virginia Dept. of Transportation – Salem District

TPO NON-VOTING MEMBERS PRESENT

Lee Osborne	Roanoke County
Cody Sexton	TTC Chair

Others Present: Megan Cronise, Roanoke County; Dwayne D'Ardenne, City of Roanoke; Frank Maguire, Greenway Commission; Richard Caywood, Roanoke County; Michael Gray, VDOT.

Staff Present: Bryan Hill, Jeremy Holmes, Cristina Finch, Alison Stinnette, Virginia Mullen, and Elizabeth Elmore.

TPO POLICY BOARD: Cities of Roanoke and Salem; Counties of Bedford, Botetourt, Montgomery and Roanoke; Town of Vinton; Greater Roanoke Transit Company (*Valley Metro*); Roanoke-Blacksburg Regional Airport; Virginia Department of Rail & Public Transportation; Virginia Department of Transportation

Staff Present: Bryan Hill, Jeremy Holmes, Cristina Finch, Jonathan Stanton, Alison Stinnette, and Elizabeth Elmore.

3. ACTION REQUESTED: APPROVAL OF CONSENT AGENDA ITEMS

The following consent agenda items were distributed earlier:

- A. August 25, 2022 RVTPO Meeting Agenda
- B. June 23, 2022 RVTPO Minutes

Vice Chair North proposed an amendment to the August 25, 2022 RVTPO agenda by adding an item after item #6 and before #7, called "Update on I-81 Corridor Improvement Program".

Motion: by Phil North for approval of the August 25, 2022 RVTPO Meeting Agenda, as amended, and the June 23, 2022 RVTPO Minutes, as presented. The motion was seconded by Mike Stewart.

RVTPO Policy Board Action: Motion carried unanimously.

4. REMARKS BY THE CHAIR

- Chair Martin announced that the RVTPO had the honor of being one of five MPOs in the country selected to present at a Federal Highway Administration safety workshop for all the 20+ Florida MPOs this summer. The workshop highlighted best practices for integrating safety considerations for motor vehicles, pedestrians, bicyclists, and transit in the RVTPO's planning and programming decision-making process. Mr. Martin congratulated staff for the recognition and thanked them for sharing the good work taking place in the Roanoke Valley.
- Chair Martin reported that the RVTPO staff continue to monitor and share new funding opportunities developing from the recent passage of the Bipartisan Infrastructure Law. On September 15th and 21st, FHWA is offering two webinars on the new Carbon Reduction Program, a grant program focused on reducing carbon emissions from on-road highway sources. The webinar will be an opportunity for local staff to learn more about the infrastructure and program funding opportunities through this new grant. Members could contact RVTPO staff for registration information for the webinars.
- Chair Martin thanked all the locality and regional staff who worked hard on the various SMART SCALE applications that were submitted recently. These applications represent a range of needed mobility and safety infrastructure improvements in the region.

5. ACTION REQUESTED: AMENDMENT #6 TO THE VISION 2040: ROANOKE VALLEY TRANSPORTATION PLAN

- A. Presentation on Amendment #6 to the Vision 2040: Roanoke Valley Transportation Plan

Mr. Bryan Hill, Ms. Alison Stinnette and Ms. Elizabeth Elmore delivered a presentation on the Draft Amendment #6 to the Vision 2040: Roanoke Valley Transportation Plan (RVTP, pages 8 through 24). Ms. Stinnette outlined the need to amend existing projects on the Constrained List with budget increases of 10% or more. Mr. Hill discussed a list of newly adopted projects in the FY23-28 Six-Year Improvement Program which required addition to the Constrained List, as well as two new SMART SCALE applications to the Vision List of Projects. Finally, Ms. Elmore discussed the public engagement efforts and analysis of a public survey.

Regarding the public survey analysis, Mayor Turk commented that no survey responses from zip code 24018 (Roanoke County) were included in the report and inquired as to why. Ms. Elmore indicated that no responses were received from that zip code.

Mayor Turk asked if it is known how many people in the email distribution list, for the survey, are in the 24018/24019 zip area. Ms. Elmore replied that she does not have that information. She added that there are 380 people on the email list.

Mayor Turk asked if the survey comments can be separated according to the two or three open-ended questions asked. Ms. Elmore replied that this can be done.

Mr. Anthony Ford commented that projects may have temporary UPC (Universal Project Code) numbers for several years (if the funding is not coming in until then) or get the temporary number replaced. It just depends on the projected funding.

Mr. Anthony Ford commented that table 1 from the staff report (page 8 of the agenda packet) still shows some projects that are either state funded with revenue sharing funds or are not eligible for federal funding. Mr. Hill replied that table 1 represents the existing projects on the Constrained List, however staff will take another look at it.

B. Public Hearing

Chair Martin opened the public hearing at 1:28 p.m. No public input was received. Chair Martin closed the public hearing at 1:29 p.m.

C. Consideration of Resolution Approving Amendment #6 to the Vision 2040: Roanoke Valley Transportation Plan

Motion: by Mayor Turk to approve the presented resolution, approving amendment #6 to the Vision 2040: Roanoke Valley Transportation Plan. The motion was seconded by Stephanie Moon Reynolds.

RVTPO Policy Board Action: Motion carried unanimously.

6. **PRESENTATION ON STATUS OF ROANOKE VALLEY TRANSPORTATION PLAN UPDATE**

Ms. Cristina Finch presented a PowerPoint presentation on the status of the Roanoke Valley Transportation Update (the presentation is included with the minutes). In the presentation, Ms. Finch reviewed the process for developing the plan including key elements dating back to 2017. These elements include basing the plan on a common understanding of transportation needs in the Roanoke Valley, a system for prioritizing which needs to address before others, the connection between goals-objectives-performance measures, how needs

may be addressed by multiple solutions with a preferred solution being identified, followed by development of a project that may address multiple needs with one investment. Ms. Finch gave a couple examples of the process practically moves from need to project identification, shared the products being developed to communicate the plan as well as next steps including a draft plan to be shared with the Board at the next meeting.

Mr. Caywood commented that different funding sources (SMART SCALE, Revenue Sharing, TA, etc.) have their own set criteria for funding. Mr. Caywood explained that the thought process should be how to fit the needs into projects that can get funded. Working on a need or a want that will not get funded is a waste of time, no matter how desirable it is. The scorekeeper is whoever is awarding the funding. To be successful you have to mold your project to the system that is allocating the funds. The goal is to maximize what can be funded as a region, hopefully putting it towards the highest priorities that were identified.

6A. UPDATE ON I-81 CORRIDOR IMPROVEMENT PROGRAM

Vice Chair North, RVARC representative to the I-81 Advisory Committee, presented an update on the I-81 Corridor Improvement Program that was discussed at the Advisory Committee meeting on July 7th (PowerPoint slides are included with the Minutes).

7. OTHER BUSINESS

No other business was discussed.

8. COMMENT PERIOD BY RVTPO POLICY BOARD MEMBER AND/OR PUBLIC

No other comments were made.

9. ADJOURNMENT

The meeting adjourned at 2:10 p.m.



Jeremy Holmes, Secretary
Roanoke Valley Transportation Planning Organization



Status of the Roanoke Valley Transportation Plan (RVTP) Update

Cristina Finch
Director of Transportation

1

Overview

- Since 2017 - RVTP Planning History
- August 2022 - Where we are now in the update process
- January 2023 - RVTPO approval

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2017 RVTPO Framework for Prioritization



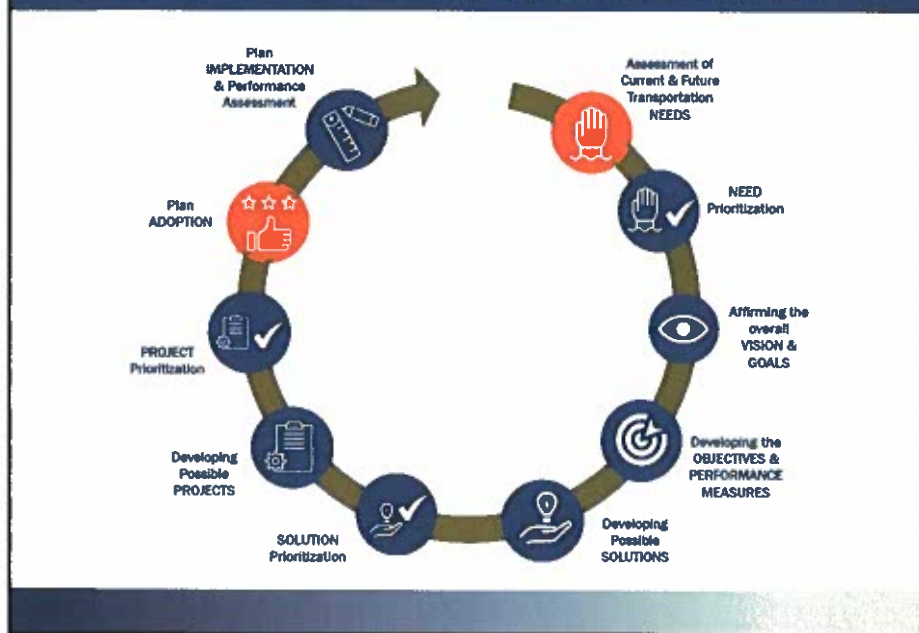
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2020 Federal Review of RVTPO

- Integrate PBPP into selection criteria/goals
- Clearer understanding on how projects are prioritized and selected for funding
- Ensure fiscal constraint is clear
- Look at holistic transit goals for the region
- Tie the process for selecting projects directly to goals; projects tied directly to perf. meas.
- Expand PBPP to provide an opportunity for clear and open discussion about the public's desired outcomes

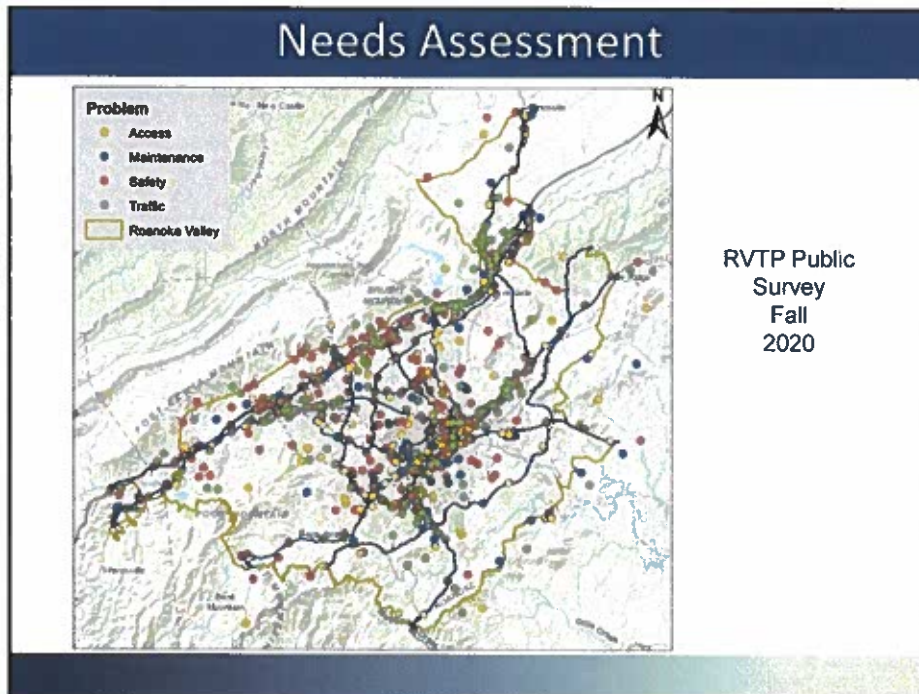
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2022 RVTPO Framework for Prioritization



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Needs Assessment



6

Needs Prioritization

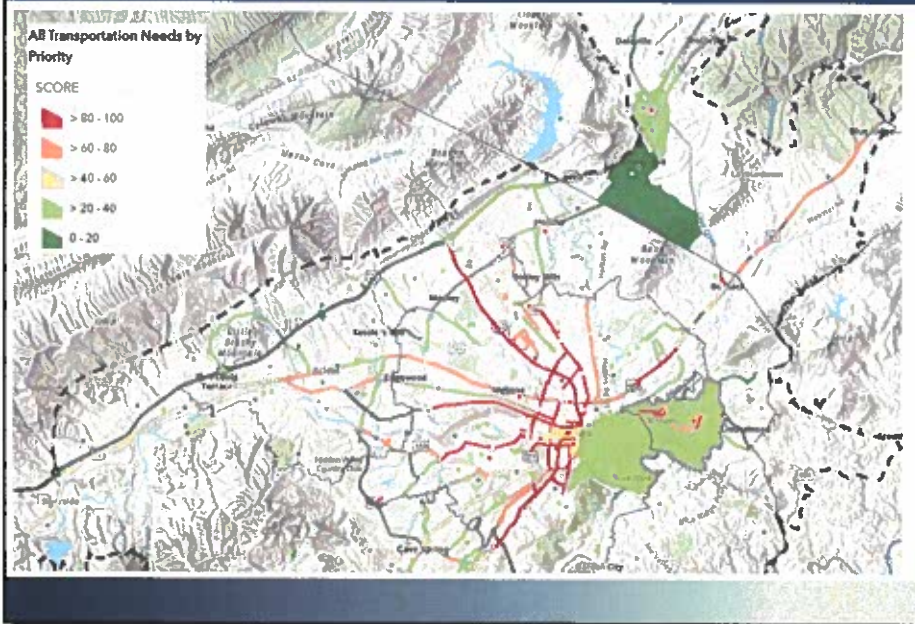
Alignment with Plan Goals	3, 6		3, 6		2, 3, 5, 6		1, 6, 7		4, 7		3, 6, 7	
	Multimodal		Activity Density		Throughput		Safety		Environmental Justice		Economics	
Need Type	Centers	District	2019	2045	Priority Corridor	VMT Change	VTrans Needs (PS)	PSAP	Equity Emphasis Areas	Development Priority Locations	Urban Development Areas	
Automobile Safety			5	5		22	53		5	5	5	
Pedestrian Safety	6	6		13				51	10	7	7	
Bicycle Safety	6	6		13				51	10	7	7	
Transit Safety	6	6		13				51	10	7	7	
Congestion			17.5	17.5		17.5			12.5	17.5	17.5	
System Management (Non-Transit)			15	15	15	15.5			12.5	13.5	13.5	
System Management (Transit)	11	11		21.5		20			12.5	12	12	
Access Criteria	Population Affected				Severity				Environmental Justice			
Transit and Non-Transit	5				5				2			

Rosnoke Valley Transportation Plan Goals:

1. Provide a safe and secure transportation system
2. Enable reliable mobility
3. Ensure convenient and affordable access to destinations
4. Foster environmental sustainability
5. Maintain and operate an efficient and resilient transportation system
6. Support economic vitality
7. Promote equitable transportation investments

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Needs Prioritization



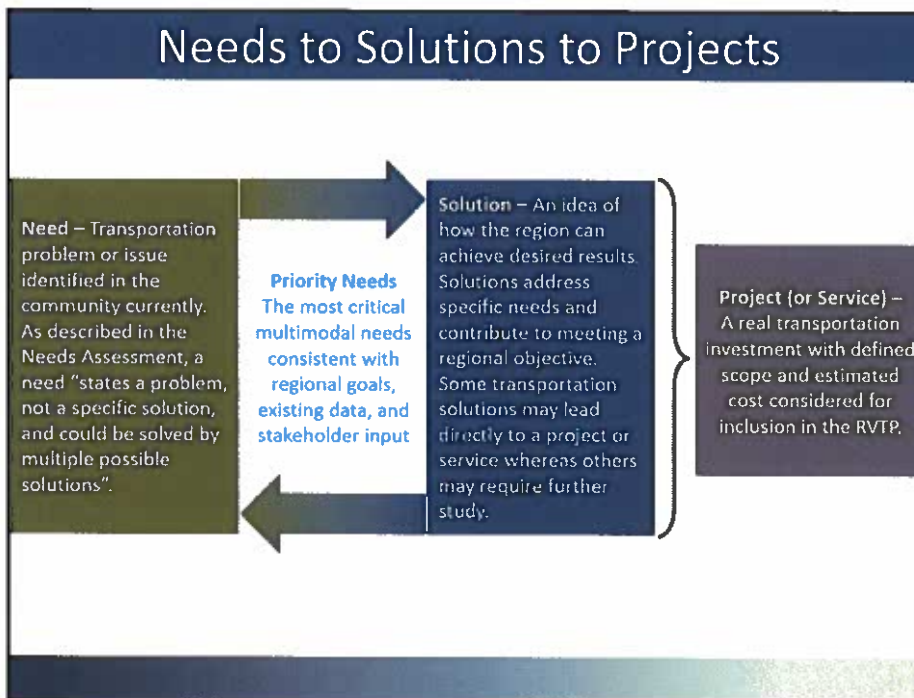
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Goals-Objectives-Performance Measures

Recommended Objective	Performance Measures (Other Measures as noted)
Goal 1: Provide a safe and secure transportation system	
a. Eliminate fatalities and reduce injuries on the multimodal transportation system.	<ul style="list-style-type: none"> Number and rate of motorized fatalities per 100 million vehicle miles traveled (VMT) (FHWA) Number and rate of motorized serious injuries per 100 million VMT (FHWA) Number of nonmotorized fatalities and serious injuries (FHWA) Number of reportable fatalities and rate per total vehicle revenue miles by transit agency per year (FTA) Number of reportable injuries and rate per total vehicle revenue miles by transit agency per year (FTA) Number of safety events and rate per total vehicle revenue miles by transit agency per year (FTA)
Goal 2: Enable reliable mobility	
a. Maintain vehicle travel time reliability on priority corridors.	<ul style="list-style-type: none"> % of person miles traveled on the Interstate system and on the non-Interstate National Highway System (NHS) that are reliable (FHWA)
b. Maintain transit and passenger rail on-time performance (OTP).	<ul style="list-style-type: none"> Amtrak on time performance (FRA, DRPT) Valley Metro on time performance Distance between transit system major mechanical failures (FTA)

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Needs to Solutions to Projects



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Programming - Investments

Projects/Services/Studies

Preferred solutions for priority gap needs

Capital (Infrastructure):
Defined project scopes and cost estimates (primarily roadway or active transportation based) for prioritization within the RVTP.

Services:
Defined investments to maintain and strategically expand transportation services like public transit, intercity bus service, passenger rail, and other mobility services.

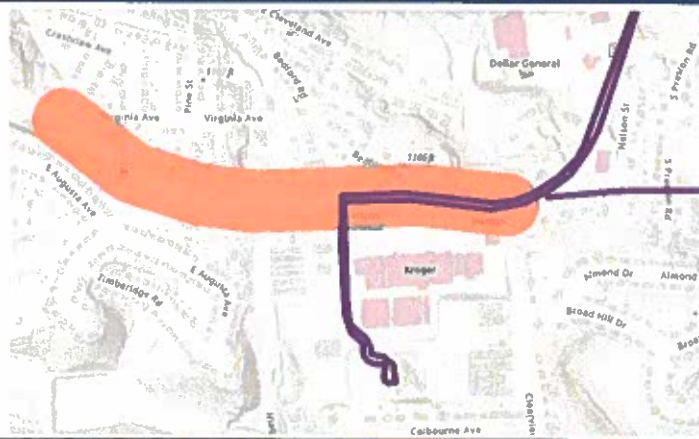
Studies:
Where obvious solutions and/or projects are not ready for inclusion on the RVTP, the team will identify the need for future studies.

Focus for identifying projects for inclusion in the RVTP (both fiscally constrained list and vision list)

Included in RVTP vision list representing future priorities for regional studies

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Example – Hardy Rd.



RD_ID	Road Type	Simple Location	Detailed Location	Road	Source	MSRB	Investment	Need Status	Estimate	Priority Gap Need	Position Current Transport plan solution	Possible Impact or New Transport plan solution	Relevant Access or Operating Studies and/or Recommendations	Preferred Solution or option	Project/Service/Study
h_13_1	Competition	Bypass Road	Hardy Road	High Traffic/Close Home speed, signal timing, and safety	Maple Grove Community High	71	Food-Road Transit Service, Routes 25 & 36	Partially addressed	Investment partially addressed the need	Yes	Access Management (i.e. Good) but the existing investment is not sufficient to meet the need (i.e. Good) (i.e. Good) (i.e. Good)	Good investment in access management (i.e. Good) (i.e. Good) (i.e. Good)	Access Management (i.e. Good) but the existing investment is not sufficient to meet the need (i.e. Good) (i.e. Good) (i.e. Good)	Alternative information roundabout	SS Round 3 application for a three lane roundabout with sidewalks. The roundabout will be at the roundabout. Cost is \$4,000,000.

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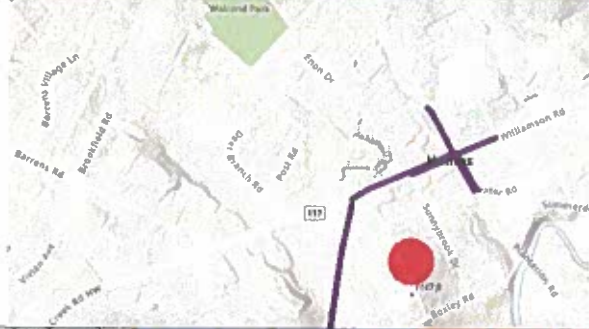
Examples – Orange Ave.



NOI_ID	Need Type	Single Location	Detailed Location	Need	Source	SCORE	Investment	Need Status	Rationale	Priority Gap Need	Possible Common Transportation Solutions	Possible Unique Transportation Solutions	Relevant Report or Ongoing Studies and/or Recommendations	Preferred Solutions or Options	Project/Needs Study
N_03_P_3	Safety (ped)	US 90 - Orange	Zach St. NE to Blue Hills Drive NE		Pedestrian Vision Plan	98	Route 41 & 02 31 & 32 Road-side transit (SMARTZ) ROUTE 40 (ORANGE AVENUE) IMPROVEMENTS AT KING STREET & NEAR BLUE HILLS DRIVE, SMARTZ ORANGE AVE (US 90) IMPROVEMENTS (includes new sidewalk and pedestrian improvement)	Partially	Formed sidewalk and pedestrian crossings do not span the whole length of this need	Yes	New Sidewalk, New Street/Pedestrian Crossing, Transit Stop Improvements (Bike, bench, landscaping, etc.), New Street Use Park/VA Accessible Overpass Trail		Pedestrian Vision Plan	Add a shared use path on both sides of Orange Ave. from Gu. Hills to Blue Hills. Other work items include: King St. and Blue Hills support access to bus stops and connections from nearby neighborhoods and businesses	Study Shared Use Paths along Orange Avenue to improve pedestrian and bicycle safety

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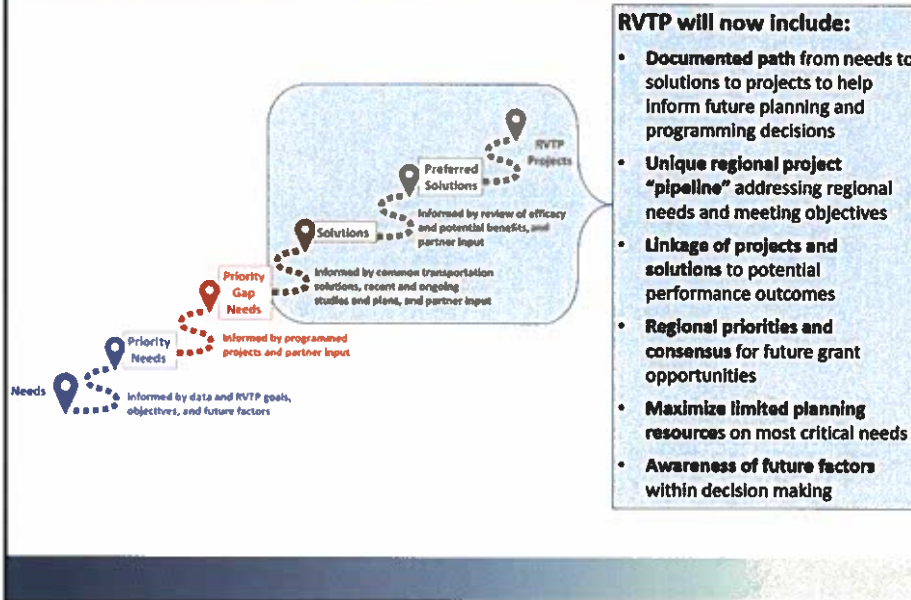
Example – U.S. 11/Peters Creek Rd.



NOI_ID	Need Type	Single Location	Detailed Location	Need	Source	SCORE	Investment	Need Status	Rationale	Priority Gap Need	Possible Common Transportation Solutions	Possible Unique Transportation Solutions	Relevant Report or Ongoing Studies and/or Recommendations	Preferred Solutions or Options	Project/Needs Study
N_071_T_A	Access (Transit)	U.S. 11 - Williamson	Peters Creek Road		King range plan in review	100	Williamson Road Pedestrian Improvements Peters Creek Road to Plantation Road, ROUTE 11 & 117 ROADSIDE CO-PEDESTRIAN SAFETY IMPROVEMENTS, COXTRAN and Botetourt County Van Service	Gap	Only accessible to older or disabled County/Vision residents via COXTRAN and Botetourt County Van Service.	Yes	New Transit Route (if) of connector, improved New Transit Service on Daily/Weekly as demand is uncertain. Enable on demand transit service for seniors, disabled people, school services, etc. Get a ride from a friend/family member on a daily basis.	Alternative/unique solutions include: street docking, bike or scooter docking, etc. (if) as a rider/driver/deskholders to more to meet accessible places	Included in Transit Master Plan	Get a ride from a friend/family member having 99% of a need? deployment is more to meet accessible places	None

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PBPP Process

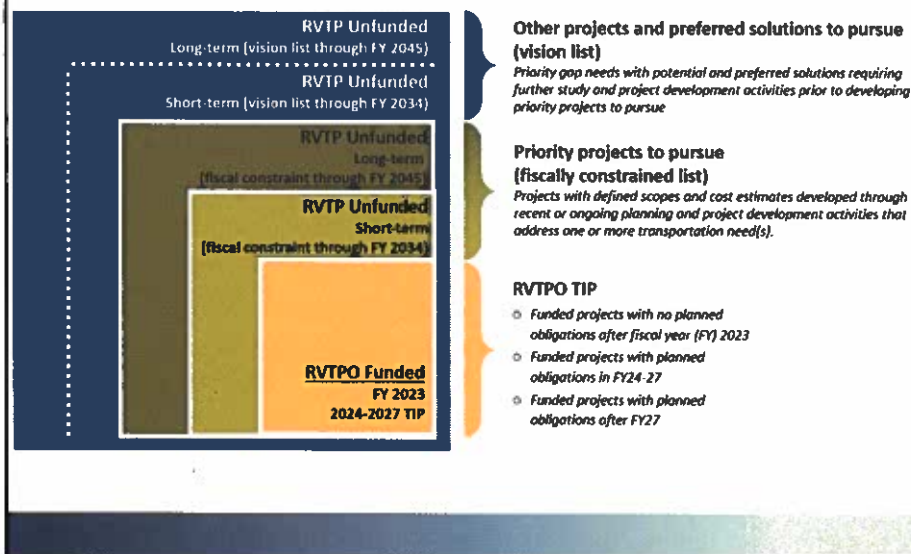


RVTP will now include:

- Documented path from needs to solutions to projects to help inform future planning and programming decisions
- Unique regional project “pipeline” addressing regional needs and meeting objectives
- Linkage of projects and solutions to potential performance outcomes
- Regional priorities and consensus for future grant opportunities
- Maximize limited planning resources on most critical needs
- Awareness of future factors within decision making

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Projects/Services/Studies



Other projects and preferred solutions to pursue (vision list)

Priority gap needs with potential and preferred solutions requiring further study and project development activities prior to developing priority projects to pursue

Priority projects to pursue (fiscally constrained list)

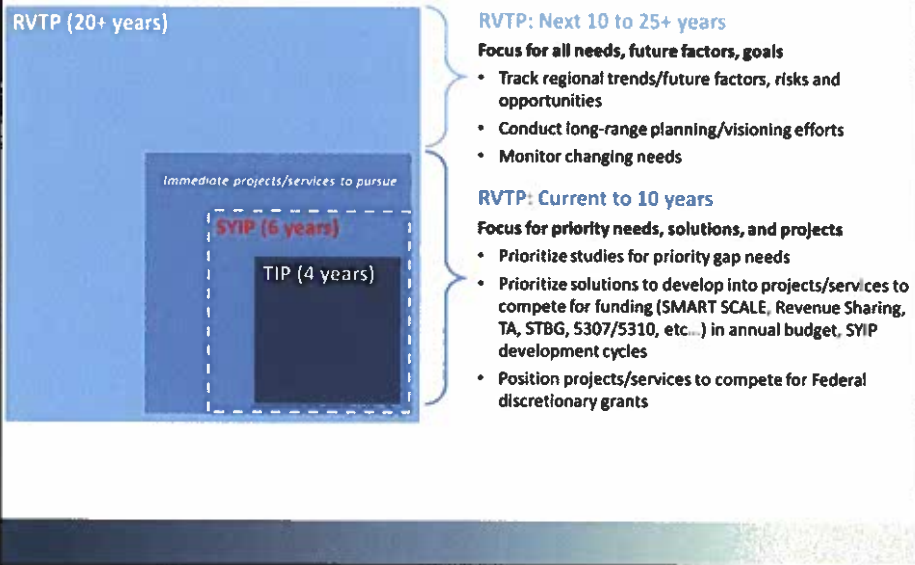
Projects with defined scopes and cost estimates developed through recent or ongoing planning and project development activities that address one or more transportation need(s).

RVTPO TIP

- Funded projects with no planned obligations after fiscal year (FY) 2023
- Funded projects with planned obligations in FY24-27
- Funded projects with planned obligations after FY27

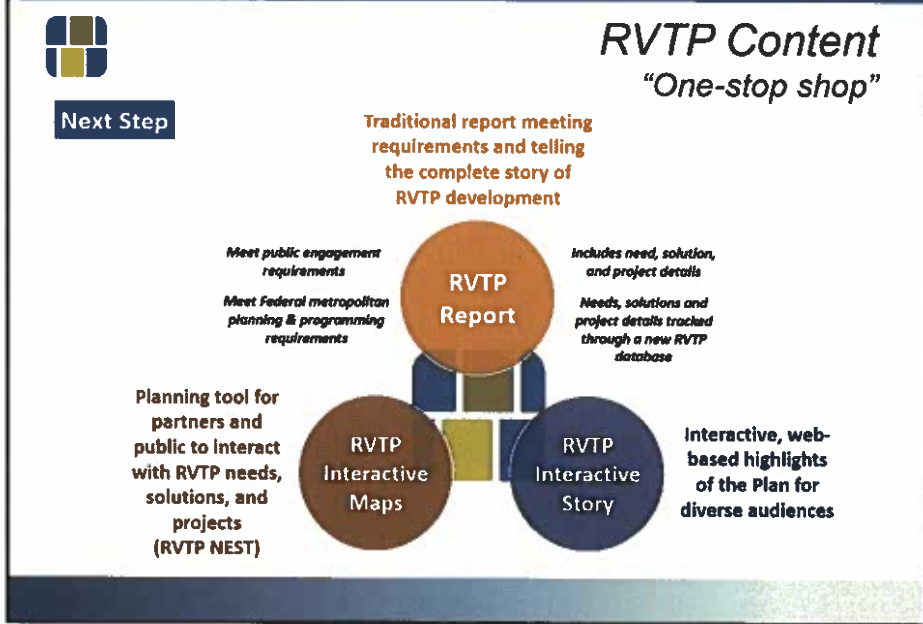
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RVTP - SYIP - TIP



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Three RVTP Products



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Next Steps

- September – First draft for Board review
- October/November – Public comment
- December – Second draft & Public hearing
- January – Final for Board consideration

- September-January – Continuous TTC involvement

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QuestionsB



Cristina Finch
Director of Transportation

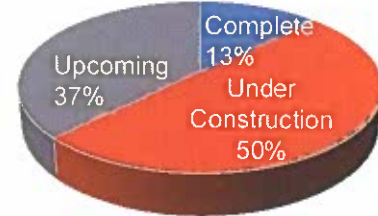
cfinch@rvarc.org | (540) 343-4417

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Salem District Project Status (Capital Projects)

- Completed Projects:**

- **Exit 89 NB Acceleration Lane Extension (Pulaski)**



- Projects Under Construction:**

- **Exit 137 to Exit 141 Widening NB and SB (Design Build, 2 projects bundled) - Salem**
- **Troutville Rest Area SB Entrance and Exit Extension (2 projects) - Troutville**

- Upcoming Projects:**

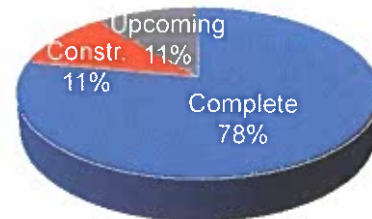
- **MM 116 to Exit 128 Widening NB Only – Construction 2027 (Christiansburg to Ironto)**
- **Exit 128 to Exit 137 Widening NB Only – Construction 2027 (Ironto to Salem)**
- **Exit 143 to Exit 150 Widening NB & SB – Construction 2026 (Roanoke to Troutville)**

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Operational Project Status (Corridor-wide)

- Completed Projects:**

- **Curve Improvements (Static And Flashing Chevron Signs)**
- **Safety Service Patrol Enhancements**
- **Lift and Tow Devices on SSP Vehicles**
- **Towing and Recovery Incentive Program (TRIP)**
- **Traffic Camera Installations (51)**
- **Digital Message Sign Installations (30)**
- **Arterial Intersection Improvements (3)**



- Projects Under Construction:**

- **Arterial Improvements (VDOT signal system upgrades)**

- Upcoming Projects:**

- **Arterial Improvements (Locality signal system upgrades)**

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Capital Project Advancement (Funding & Delivery)

- **Bristol District Funding Advancement:**
 - Exit 81 SB Deceleration Lane Extension (\$15.5M)
 - Auxiliary Lane Exit 73 to Exit 72 SB (\$21.2M)
 - Exit 72 NB Deceleration Lane Extension (\$37.5M)
 - Auxiliary Lane from I-77 SB to I-81 SB (Exit 40 on I-77 to Exit 72 on I-81) – (\$34.2M)
 - Exit 45 NB Extend Deceleration Lane (\$24.7M)
- **Salem District Funding Advancement:**
 - Exit 128 to Exit 137 NB Widening – Funding advanced by 18 months (\$265.3M)
- **Staunton District Delivery Advancement:**
 - Staunton Area Widening advanced with decision to deliver as design-build project (delivery), accelerated by 12 to 18 months.
- **Total Funding Advancement To Date: \$398.4M**

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Additional Projects

VDOT has begun concept refinement for the next five major capital improvement projects that were identified in the I-81 CIP, but not included in the funding program that address delay, crashes and accessibility to jobs

District	Location	VDOT Preliminary Cost Estimates	
		Low Range*	High Range*
Salem	Southbound widening between Exits 137 and 128	\$232.0	\$292.0
Staunton	Northbound widening MM 190 – Exit 195	\$105.0	\$133.0
Staunton	Northbound widening between Exits 298 and 300	\$51.0	\$62.0
Salem	Northbound/southbound realignment of S-curves in Botetourt (MM 167- Exit 168)	\$180.0	\$220.0
Staunton	Southbound widening Exit 195 – MM 190	\$98.0	\$123.0
Total Cost		\$666.0	\$830.0

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Program Specific Website – Learn More!

Improve81.org



IMPROVE 81 | I-81 Corridor Improvement Program

