

313 Luck Avenue, SW Roanoke, Virginia 24016 P: 540.343.4417 / F: 540.343.4416 rvtpo.org

#### **MINUTES**

The October meeting of the Transportation Technical Committee was held on Thursday. October 13, 2022 at 1:30 p.m. at the Roanoke Valley-Alleghany Regional Commission, 313 Luck Avenue, SW, Roanoke, VA.

#### 1. WELCOME, CALL TO ORDER

Chair Sexton called the meeting to order at 1:30 p.m.

#### 2. ROLL CALL (including consideration of remote participation)

Cristina Finch, Secretary to the TTC, called the roll and stated a quorum was present.

#### **VOTING MEMBERS PRESENT**

Mariel Fowler County of Bedford Jonathan McCoy County of Botetourt Megan Cronise County of Roanoke Will Crawford County of Roanoke Wayne Leftwich City of Roanoke Dwayne D'Ardenne City of Roanoke Josh Pratt (Alt. for Crystal Williams) City of Salem Anita McMillan Town of Vinton

Cody Sexton, Chair Town of Vinton William Long Greater Roanoke Transit Company

Kyle Kotchou Roanoke-Blacksburg Regional Airport Frank Maguire, Vice Chair Roanoke Valley Greenway Commission

Michael Gray Virginia Dept. of Transportation - Salem District Daniel Wagner (via zoom) Virginia Dept. of Rail and Public Transportation

#### **VOTING MEMBERS ABSENT**

David Givens County of Botetourt Dan Brugh County of Montgomery Chuck Van Allman City of Salem

Nathan Sanford Unified Human Serv. Transp. System (RADAR)

#### NON-VOTING MEMBERS ABSENT

Kevin Jones Federal Highway Administration

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

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

Roanoke Valley Area Metropolitan Planning Organization

Others Present: David Jackson (via zoom), Cambridge Systematics.

### 3. ACTION REQUESTED: APPROVAL OF CONSENT AGENDA ITEMS

The following consent agenda items were distributed earlier:

- A. October 13, 2022 TTC Meeting Agenda
- B. September 8, 2022 TTC Minutes

<u>Motion</u>: by Wayne Leftwich to approve items (A) & (B), under the consent agenda, as presented; seconded by Dwayne D'Ardenne.

TTC Action: Motion carried unanimously.

#### 4. CHAIR REMARKS

No remarks were made.

### 5. REVIEW OF 2ND DRAFT ROANOKE VALLEY TRANSPORTATION PLAN UPDATE

Mr. David Jackson with Cambridge Systematics was unable to attend. Cristina Finch presented an update on the 2nd Draft Roanoke Valley Transportation Plan. (The PowerPoint presentation is included with the Minutes).

Members discussed the possibility of adding a lead agency for priority needs. Ms. Cronise explained that the challenge with listing eighteen pages of priority needs is that in reality the Board could request to apply for things that are not on the list. Ms. Finch explained that if a new need (not on the list) arises it would be addressed with the amendment process.

Ms. Finch noted that Ms. Cronise submitted a list of needs to be removed from the list according to Roanoke County's perspective. Ms. Finch asked if there are other needs that could come off the list. Ms. Cronise commented that there are also a lot of needs to be addressed from the Roanoke County's Comprehensive Plan that are not on this list. Ms. Finch replied that it would be helpful if there are ongoing conversations with localities to find out about what is happening to keep the plan and its implementation going.

Ms. Finch stated that the transit access needs would be removed as suggested by Roanoke County except for two (the DMV and Peters Creek/Hollins) that Valley Metro wished to keep.

Mr. Wayne Leftwich commented that the title of the document "Regional Transportation Priority Needs to Address" implies that the needs have to absolutely be addressed. Mr. Leftwich suggested changing the title to "Regional Transportation Needs Identified." Mr. Leftwich also suggested changing the location of the document to be more down toward the bottom and not in the middle as currently is on the website.

Ms. Finch shared on the screen a list of stakeholders to engage in the public comment opportunity and asked if there are any other suggestions of stakeholders to be added to the list. The following groups were suggested: planning commissions; county or town

neighborhood groups; Vinton Messenger and other local papers; various chambers; Valley Metro Board; Roanoke-Blacksburg Regional Airport commissioners; public schools.

### 6. OTHER BUSINESS

No other business was discussed.

### 7. COMMENTS BY MEMBERS AND / OR CITIZENS

Mr. Gray announced there will be no fall CTB meeting.

#### 8. ADJOURNMENT

The meeting was adjourned at 2:48 p.m.

Cristina D. Finch, AICP, LEED AP, Secretary,

**Transportation Technical Committee** 

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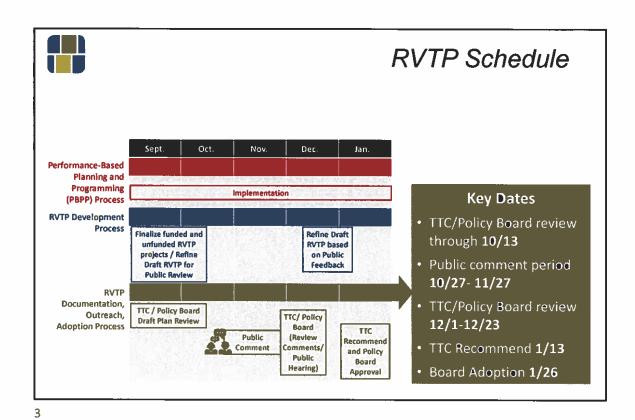


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## Agenda

- RVTP Schedule
  - Public Comment period
- RVTP Organization
- RVTP Updates (since Sept. meeting)
- Next steps





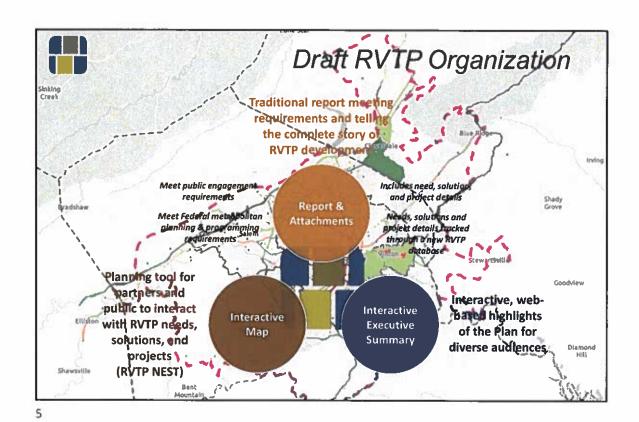
## Public Comment Approach

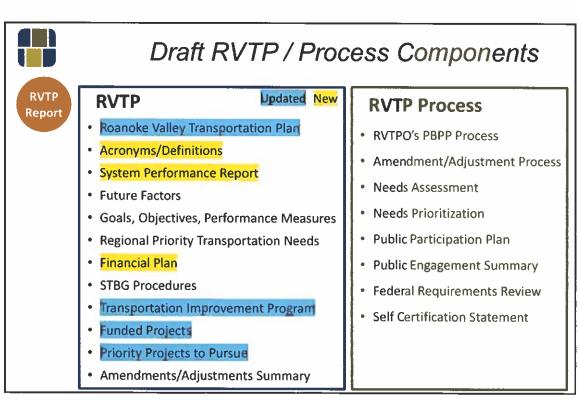


#### **Public Comment**

- · One month
- · Advertised in many ways
- Developing interactive surveys
  - Overall satisfaction with past investments –performance of funded projects
  - Opportunity for input on future direction prioritization of specific needs and projects

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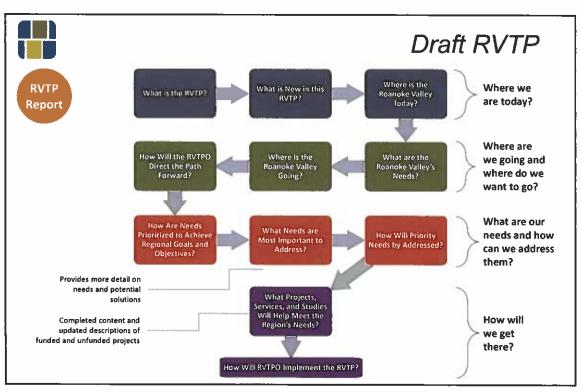


## RVTP Report

### Draft RVTP

- Objective Document the RVTP development process and the key outcomes, including funded and unfunded projects and services
  - Address and reference applicable Federal and State requirements
  - Includes fiscally constrained funded and unfunded projects
  - Highlights the role of Roanoke valley residents and stakeholders in shaping the Plan
  - Link to state and regional planning and programming processes
  - Create a framework for Plan implementation, including positioning unfunded projects to secure future funding
  - Provide access to technical appendices documenting the process, including funded project sheets

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## **New Content**

### Acronyms/Definitions

- · General Definitions
  - Terms relevant to metropolitan planning, including key relevant Federal and State requirements, processes, or programs
- Planning & Programming Definitions
  - Technical terms related to the performancebased planning and programming (PBPP) process and management/characteristics of funded and unfunded projects
- Funding Sources
  - Definitions of funding sources supporting funded projects

Flexible to update as questions/feedback on the RVTP is received now through adoption, and as the RVTP is managed and implemented

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### **New Content**

## System Performance Report

- Exceeds Federal requirements
- Organized by RVTP goals
- Presents each Federal measure including statewide and regional performance trends and targets
- Presents summary information on needs and projects within the RVTP relevant to the goal and performance measure
- Highlights goals where performance measures are under development
- Aligns funded and unfunded projects to RVTP goals



### **New Content**

### **System Performance Report**

Federal performance measure summary for the Roanoke Valley Highway safety (all public roads)—



· Fatalities steady since 2017, with an average of 21-22 per year

Bridge condition (National Highway System bridges) -



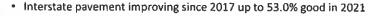
· Good condition decreasing since 2017 down to 10.6%







• Less than 0.1% of pavement is in poor condition since 2019









• Over 95% of regional person miles traveled in reliable conditions

Reliable Interstate travel for trucks decreasing (increasing TTTR Index)

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## **New Content**

#### Financial Plan

- Required part of the RVTP
- Demonstrates how the adopted RVTP can be implemented given fiscal constraint based on reasonably expected available resources
- Approved expenses from the program of projects in the RVTP's Funded Project Attachment and Priority Projects to Pursue Attachment



### **New Content**

#### Financial Plan

- RVTP structure
  - Funded Road/Bike/Ped/Rail/Transit:

128 Projects (~\$1.5B)

- · Unfunded priorities to pursue
  - Road/Bike/Ped Projects (SS Round 5):

19 Projects (> \$314M)

• Road/Bike/Ped Projects (Other funding): 19 Projects (> \$451M)



- Transit Services Some noted as possible/preferred solutions,
   No New Services Prioritized for Funding Pursuit
- Studies Referenced as next step in process by need
- Draft Fiscal Constraint FY28-45
  - Road/Bike/Pedestrian Projects:
  - · Transit Services/Projects:

\$460M Fiscal constraint does not yet incorporate impacts of BIL

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## **Updated RVTP**

#### From Planning to Programming

Developmental RVTP
(performance-based planning activities)

RVTP Unfunded - Long-term
(fiscally constrained through FY 2045)

RVTP Unfunded - Short-term
(fiscally constrained through FY 2034)

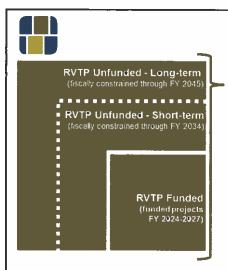
RVTP Funded
(funded projects
FY 2024-2027)

Performance based planning process
Priority regional transportation needs and other regional
needs requiring further study and project development
activities prior to developing priority projects to pursue.

Priority projects to pursue (Unfunded)
Projects with defined scopes and cost estimates
developed through recent or ongoing planning and
project development activities that address one or more
priority regional transportation need(s).

Priority projects to pursue (Funded)
Projects with defined scopes and cost estimates
developed through recent or ongoing planning and
project development activities that address one or more
priority regional transportation need(s).

SIx-Year Improvement Program (SYIP) and RVTPO 24-27 TIP – All funding obligations are tracked in the Six-Year Improvement Program (SYIP), while Federal funds coming to projects in the RVTPO region are tracked in the TIP



### Metropolitan Transportation Plan

- Fiscal constraint based on state forecasts of reasonably expected funding through 2045
- Current forecasts do not include short and long-term impacts of Bipartisan Infrastructure Law
- · Forecasts split into three groups
  - RVTP Funded: Planned obligations through FY2027
  - RVTP Unfunded (short-term):
     Anticipated allocations from FY2028 to FY2034
  - RVTP Unfunded (long-term):
     Anticipated allocations from FY2035 to FY2045

#### Note -

Financial Plan details remain in-flux pending updated forecasts. Updated forecasts may change determination of fiscal constraint (i.e., inclusion of RVTP Unfunded projects within the MTP).

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## **Updated RVTP**



- Federally eligible projects and services
  - <u>TIP Attachment</u> includes planned federal obligations for funded projects
    - All RVTPO projects and services are approved to use federal funding by the Policy Board in the RVTP.
  - The four-year fiscal constraint within the TIP is included in the <u>Financial Plan Attachment</u>
    - Funded projects may be at various stages including construction being complete and awaiting financial closure to not yet having started preliminary engineering.
  - Funded project status, details, and financial information are reflected at a point in time in project sheets within the <u>Funded Projects Attachment</u>

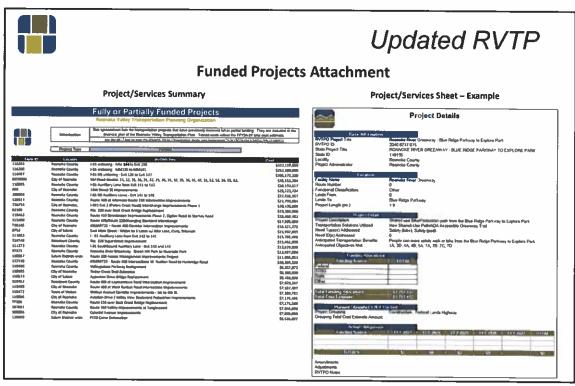




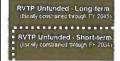
### Funded Projects Information

- · Prioritizing investments
  - RVTPO has direct decision-making authority over the Roanoke Valley apportionments of the Surface Transportation Block Grant (STBG) and Transportation Alternatives (TA)
  - VDOT and DRPT manages these and all other grant program decisions through the SYIP
  - RVTPO role is to choose which need to address, preferred solution for the need, and to position projects for future funding opportunities
- · Where does funding come from?
- · What are the anticipated benefits?
  - Comparison of funded projects relative to RVTP goals and objectives

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### Unfunded projects

- Priorities for the region to pursue
  - Current candidate SMART SCALE projects for inclusion in the next SYIP (FY 2024 – FY 2029)
  - Other projects with defined scopes and costs that address priority regional transportation needs
  - Organized into two buckets to be funded in the next ten years and beyond 10 years

**Note: Prioritization process not yet implemented** – future step subject to ongoing implementation of performance-based planning process

- <u>Priority Projects to Pursue Attachment</u> see descriptions
- <u>Acronyms/Definitions Attachment</u> see funding programs

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## **Updated RVTP**



## Unfunded Project Information

- Priorities in next ten years versus beyond ten years
  - Next ten (represent the regional pipeline to seek funding) –
    projects elevated due to criticality of need, stakeholder/public
    support, level of readiness
  - Beyond ten (represent priorities, but later due to constraints) –
    projects delayed due to lower criticality of need, more
    uncertainty in support, potential project delivery challenges
- Information on funding programs (including grants)
   Acronyms/Definitions Attachment
- What are the anticipated benefits?
  - Comparison of funded projects relative to RVTP goals and objectives

Goal	Object-e		Cost		Strare of Funded Projects Total	
Sallety	Eliminate fatalities and reduce injuries on the multimodal transportation system.	34	1	543,542,708	74%	
Mobiley	Maintain vehicle travel time reliability on priority comidors.	12	\$	348 745,681	47%	
	improve transit and pessenger reil on-time performance.	2	\$	23,217,568	3%	
Accessibility	Provide motorized access to inaccessible properties identified for future development.		3	257,262,156	36%	
	increase accessibility to key destinations by transit.	2	\$	27,638,229	45	
	Increase transportation connections to markets outside the region, including across Virginia and the U.S.	5	3	177.207,094	24%	
	Increase transit, hicycle, and pedestrian connections for all users within multimodal centers and districts.	27	1	417,412,746	57%	
Svatartability	Minimize emissions from materized on-road transportation.	24	5	365,264,528	49%	
	Minimize / miligate new impervious surfaces created by transportation infrastructure.	15	1	198,603,416	27%	
Efficient & Restlent	Slaintzin state and national standards for infrastructure and asset condition.	28	\$	296,006,949	40%	
Economic Vitality	Ensure redevelopment and new developments in designated growth areas and multimodal centeral districts are supported by more than one mode of transportation infrastructure.	2		31,583,184	4%	
	Mainteln truck travel time reliability.	12	1	426,340,221	58%	
	Maintain acceptable levels of congestion during peak travel periods on priority corridors.	16	3	463,650,261	43%	
Equity	Assess planning-level benefits or disproportionate edverse effects of transportation projects included in this plan on Equily Emphasis Areas and identify miligation strategies.	31	5	676,137,245	92%	
	Ensure that non-drive whose mobility investments create appartunities in Equity Emphasis Areas.	18	\$	296,898,154	40%	
	Eliminate littellies and reduce serious injuries in Equity Emphasis Areas.	21	\$	338,116,116	46%	
	Maintain state and national standards for infrastructure condition in Equals Emphasis Areas.	3	5	45,623,028	6%	

- What are the anticipated benefits?
  - Comparison of funded projects relative to RVTP goals and objectives
  - Allows for alignment to performance measures, see the System Performance Report Attachment

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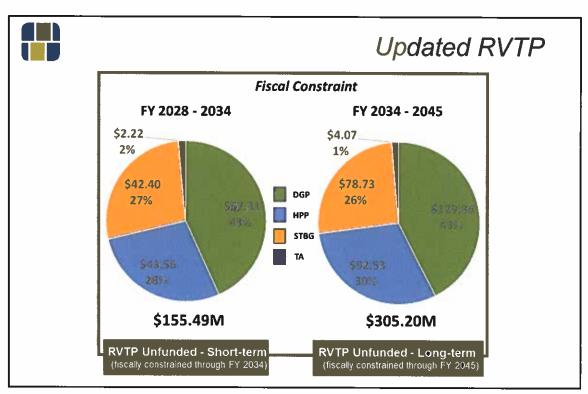


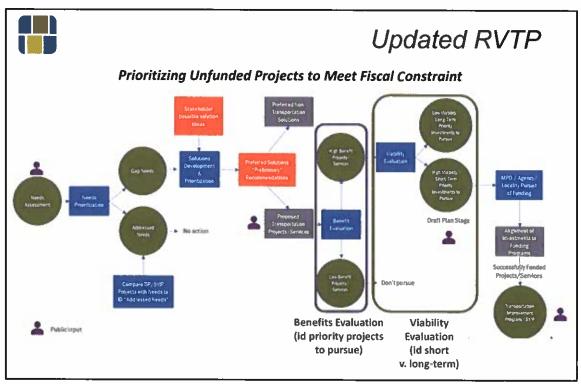
# Updated RVTP

### **Priority Projects to Pursue Attachment**

Priority Projects/Services to Pursue for Funding

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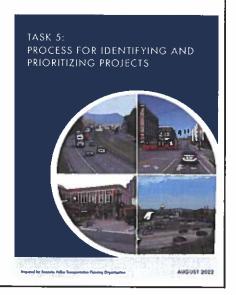




#### **Prioritizing Unfunded Projects to Meet Fiscal Constraint**

#### Benefit Evaluation

- · Establish scoring criteria
  - · Align with RVTP goals and objectives
  - Mix of quantitative and qualitative
- Estimate benefit scores
  - · Relies on weights by measure/goal area
  - · Could vary by project type
- · Establish a high benefit threshold
  - Identifies most promising projects based on benefits



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## Updated RVTP

#### **Prioritizing Unfunded Projects to Meet Fiscal Constraint**

### Viability Evaluation

- Select viability criteria
  - · Project Readiness
  - · Availability of Detailed Cost Estimate
  - · Right of Way Sufficiency
  - · Likelihood of Local, State, or Federal Funding
  - · Implementation Timeframe
  - Coordination with Other Projects
  - · Regional and Local Support
- Determine projects to consider for the priority projects to pursue list

High viability
Short-term (FY28-34)

Low viability Long-term (FY34-45)



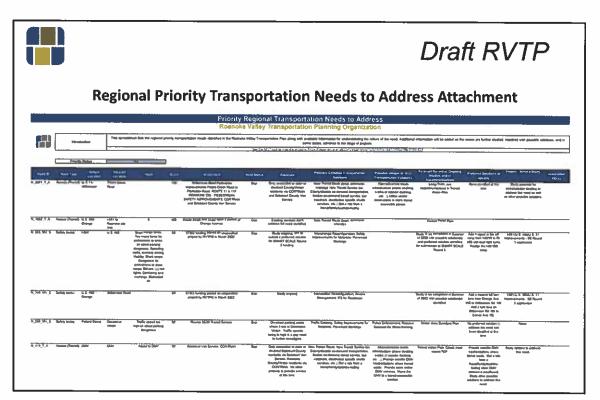
## **RVTP Process**



### Developmental RVTP

- · Performance-based planning process
  - · Vetting of transportation needs
  - · Review of existing concepts and solutions
  - · New solutions needing further study and project development
- Three types of actions within the planning process
  - Refine a project concept or preferred solution to address a priority regional transportation need
  - 2. Study opportunity to address a priority regional transportation need
  - 3. Concept, preferred solution, or study to address other regional transportation need
- Needs and potential solutions available through <u>Regional Priority Transportation Needs to Address</u> <u>Attachment</u>

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## Next Steps











TTC meeting (October)

Finalize RVTP for public comment

Public comment period

Refine RVTP based on public input and updated data TTC and TPO meetings (December)

Review RVTP prior to public comment period

Finalize all materials for posting prior to public comment period (October 27th)

Develop Final Draft RVTP

(including other summary/marketing documents) for public comment period Receive comments through surveys

RVTP team to address public comment and update unfunded projects to address fiscal constraint

Start preparing Final RVTP for TTC and TPO review

Present Updated Final RVTP for final review prior to January adoption