



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 (<i>Alt. for Crystal Williams</i>)	City of Salem
Anita McMillan	Town of Vinton
Cody Sexton, <i>Chair</i>	Town of Vinton
William Long	Greater Roanoke Transit Company
Kyle Kotchou	Roanoke-Blacksburg Regional Airport
Frank Maguire, <i>Vice Chair</i>	Roanoke Valley Greenway Commission
Michael Gray	Virginia Dept. of Transportation - Salem District
Daniel Wagner (<i>via zoom</i>)	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
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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

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

Motion: 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**

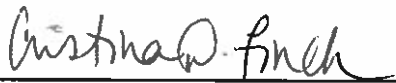
No other business was discussed.

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

Roanoke Valley Transportation Plan (RVTP) Update

RVTP Review

presented to
Transportation Technical Committee

presented by
RVTPO, Cambridge Systematics, Inc.

CAMBRIDGE SYSTEMATICS 

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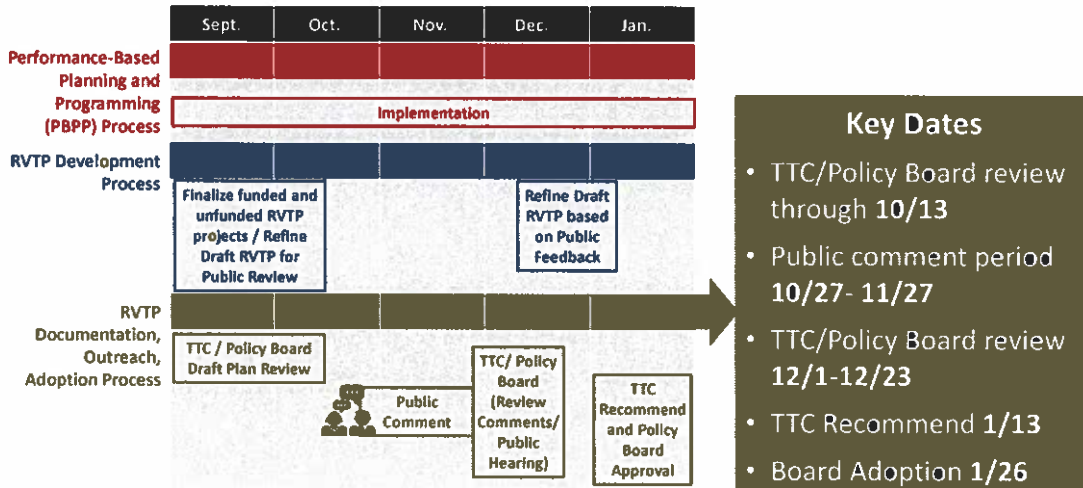
Agenda

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

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RVTP Schedule



3



Public Comment Approach

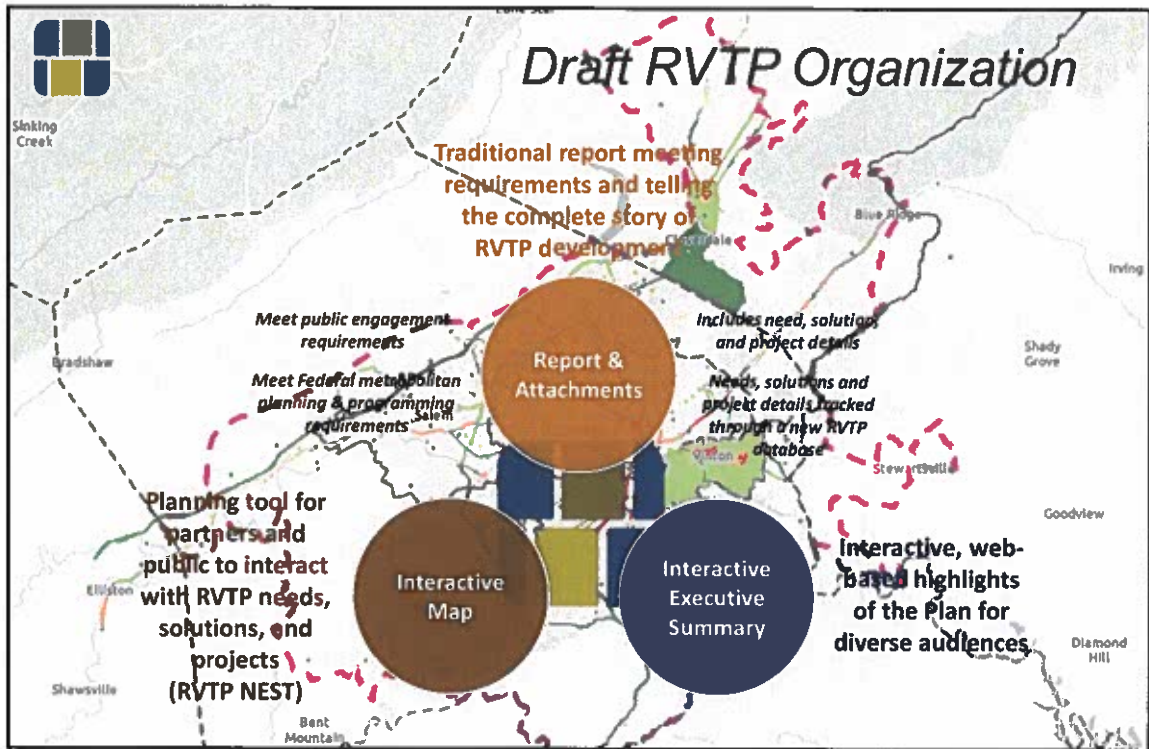


Public comment period

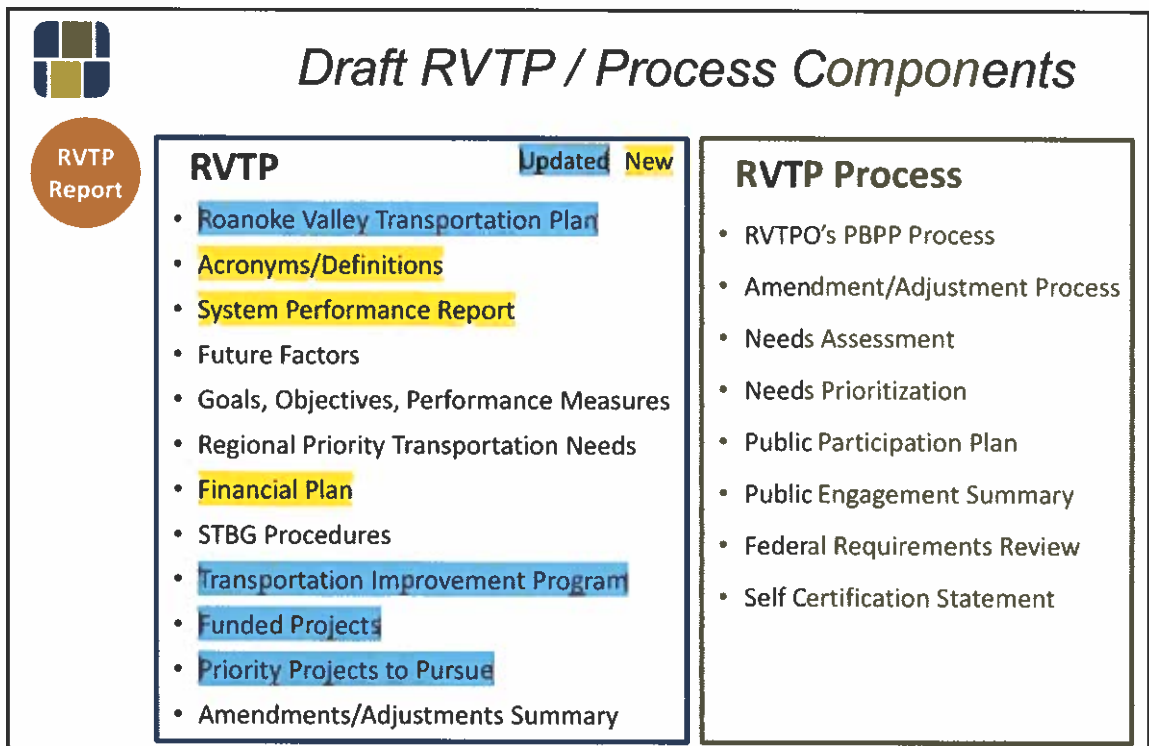
Public Comment

- 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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Draft RVTP

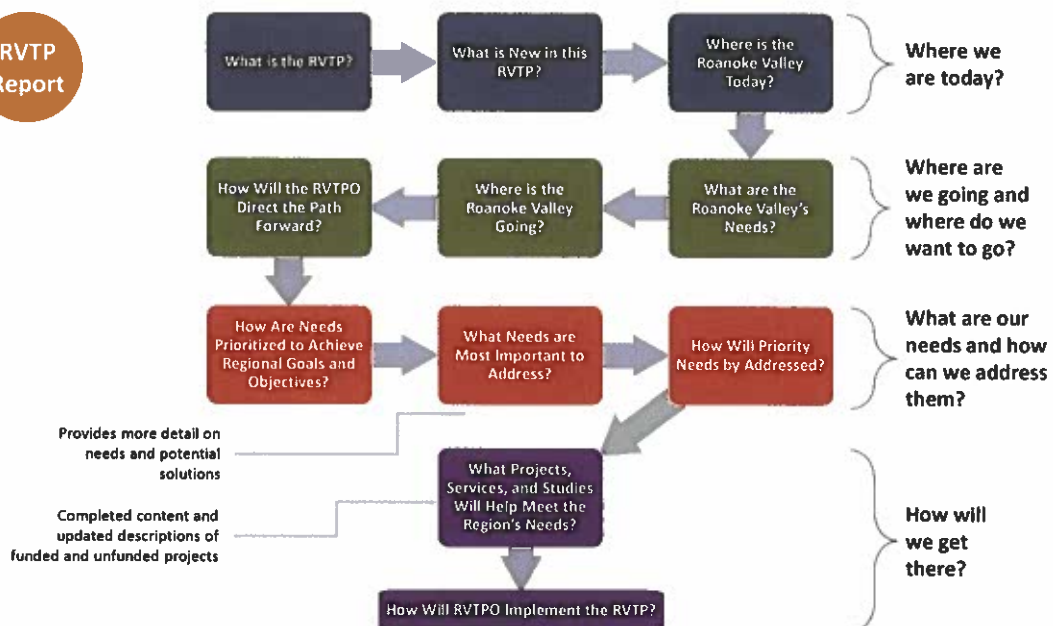


• **Objective** – Document the RVTP development process and the key outcomes, including funded and unfunded projects and services

- 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



Draft RVTP





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 performance-based 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

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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%
- ➡ • Poor condition bridges remain steady around 2.3 to 2.5%

Pavement condition (National Highway System pavement) –

- ⬆️ • Less than 0.1% of pavement is in poor condition since 2019
- ⬆️ • Interstate pavement improving since 2017 up to 53.0% good in 2021
- ➡ • Non-Interstate NHS pavement condition steady around 43% good

Reliability (National Highway System travel) –

- ⬆️ • 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**

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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)**

> \$765M

• 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:

\$460M

• Transit Services/Projects:

\$232M

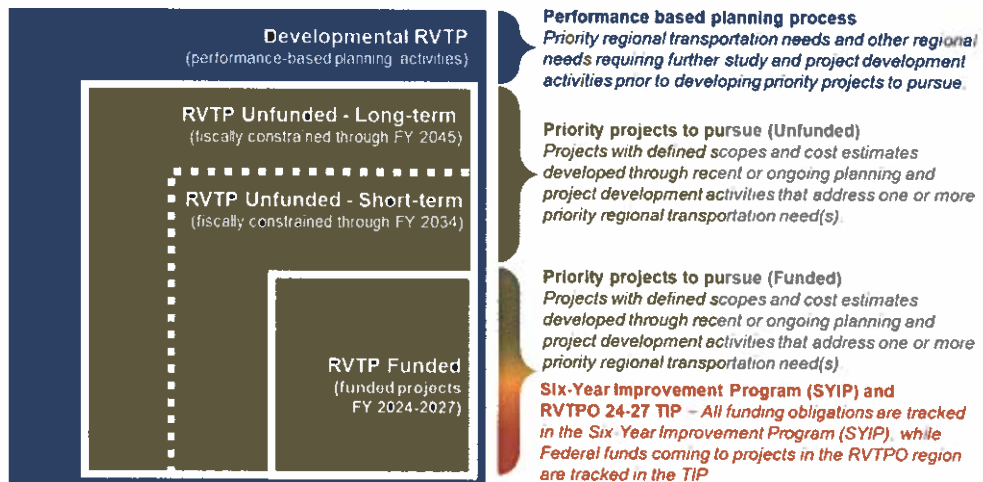
Fiscal constraint does not yet incorporate impacts of BIL

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Updated RVTP

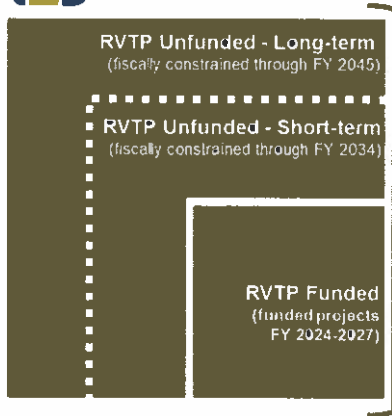
From Planning to Programming



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Updated RVTP



• 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



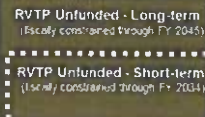
• Federally eligible projects and services

- **TIP Attachment** 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 **Financial Plan Attachment**
 - 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 **Funded Projects Attachment**

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Updated RVTP



• 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

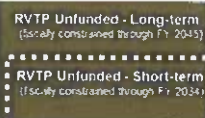
Note: Prioritization process not yet implemented – future step subject to ongoing implementation of performance-based planning process

- **Priority Projects to Pursue Attachment** – see descriptions
- **Acronyms/Definitions Attachment** – see funding programs

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Updated RVTP



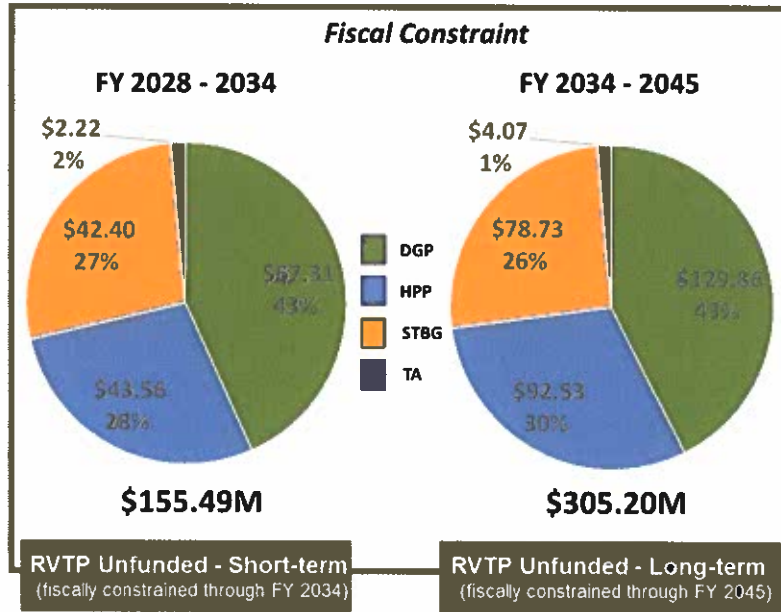
• Unfunded Project Information

- 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

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Updated RVTP

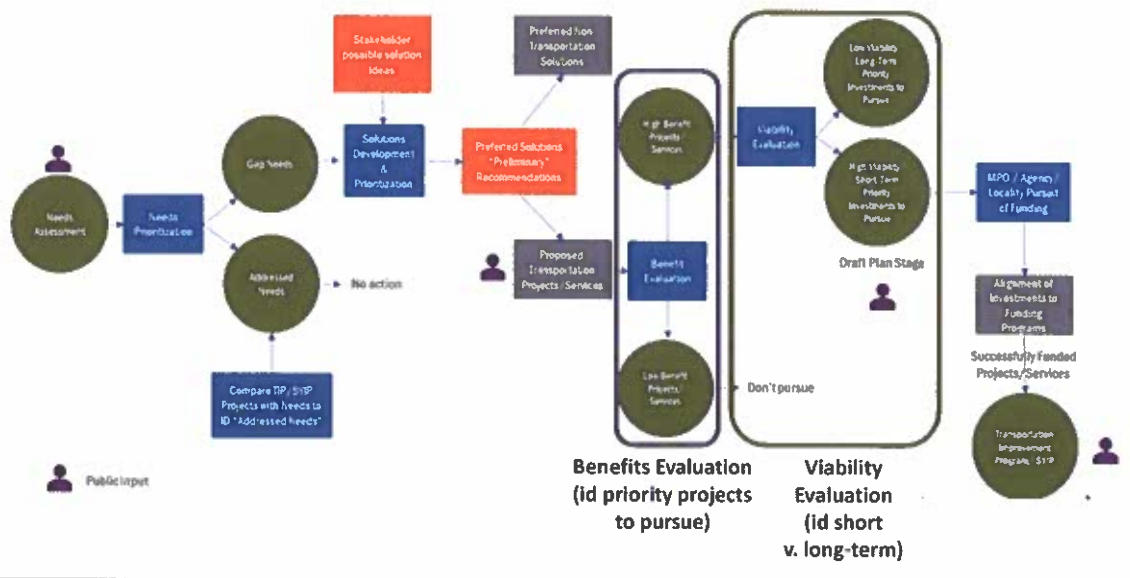


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Updated RVTP

Prioritizing Unfunded Projects to Meet Fiscal Constraint



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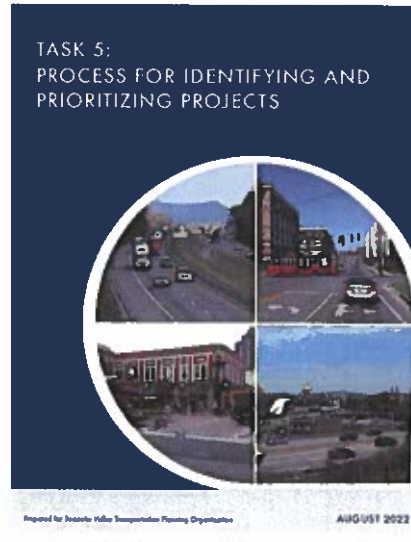


Updated RVTP

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)

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Next Steps



TTC meeting (October)

Review RVTP prior
to public comment
period



Finalize RVTP for public comment

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



Public comment period

Receive comments
through surveys



Refine RVTP based on public input and updated data

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

Start preparing Final RVTP
for TTC and TPO review



TTC and TPO meetings (December)

Present Updated
Final RVTP for final
review prior to
January adoption