

November 2, 2023

**MEMORANDUM**

TO: Members, Transportation Technical Committee  
 FROM: Bryan Hill, AICP, CZA, Interim Secretary to the Transportation Technical Committee  
 SUBJ: November 9, 2023 TTC Meeting/Agenda

The November meeting of the Transportation Technical Committee (TTC) will be held Thursday, November 9, 2023 at 1:30 p.m. at the Roanoke Valley-Alleghany Regional Commission office (Top Floor Conference Room), 313 Luck Avenue, SW, Roanoke, VA.

**TTC AGENDA**

1. Welcome, Call to Order ..... *Chair Sexton*
2. Roll Call (including consideration of remote participation) ..... *Bryan Hill*
3. **Action Requested:** Approval of the Consent Agenda items: ..... *Chair Sexton*
  - A. Approval of the Agenda
  - B. Action on the October 12, 2023 TTC Minutes, pp. 3 – 7

**ACTION REQUESTED:** Approval of consent agenda items, voice vote
4. Chair’s Remarks ..... *Chair Sexton*
  - A. The December TTC meeting will be held on **December 7<sup>th</sup> at 1:30 p.m.** at Roanoke Valley-Alleghany Regional Commission office (Top Floor Conference Room), 313 Luck Avenue, SW, Roanoke, VA.
5. Appointment of a New TTC Secretary ..... *Chair Sexton*  
**ACTION REQUESTED:** Appointment of TTC Secretary; voice vote
6. Review of Existing Projects for the Surface Transportation Block Grant..... *Alison Stinnette*  
 and Carbon Reduction Program (15 minutes), pp. 8 – 10
  - A. Background
  - B. Project Sponsor Presentation of Additional STBG Funding Requests
  - C. Staff Recommendation of Preliminary Priority List of Investments for Existing Projects

**ACTION REQUESTED:** Recommendation to RVTPO Policy Board; voice vote
7. Recommendation on an Amendment to the 2045 Roanoke Valley..... *Bryan Hill*  
 Transportation Plan (15 minutes), pp. 11 – 12
  - A. Background

**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

B. Staff Recommendation of Draft Amendment

**ACTION REQUESTED:** Recommendation to RVTPO Policy Board; voice vote

8. Recommendation on an Amendment to the FFY 2024-2027 Transportation ..... *Bryan Hill*  
Improvement Program (15 minutes), p. 13
  - A. Background
  - B. Staff Recommendation of Draft Amendment**ACTION REQUESTED:** Recommendation to RVTPO Policy Board; voice vote
9. Other Business
10. Comments by TTC Members and/or Citizens
11. Adjournment (by 2:30 p.m.)

**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

## MINUTES

The October meeting of the Transportation Technical Committee was held on Thursday, October 12, 2023, 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)

Interim Secretary Bryan Hill called the roll and stated a quorum was present.

#### VOTING MEMBERS PRESENT

Mariel Fowler	County of Bedford
Nick Baker	County of Botetourt
Jonathan McCoy	County of Botetourt
Megan Cronise	County of Roanoke
Renee Powers ( <i>alt. for Wayne Leftwich</i> )	City of Roanoke
Dwayne D'Ardenne ( <i>arrived after roll call</i> )	City of Roanoke
Crystal Williams	City of Salem
Josh Pratt	City of Salem
Cody Sexton, <i>Chair</i>	Town of Vinton
Anita McMillan	Town of Vinton
William Long	Greater Roanoke Transit Company
Frank Maguire, <i>Vice Chair</i>	Roanoke Valley Greenway Commission
Kyle Kotchou	Roanoke-Blacksburg Regional Airport
Michael Gray	Virginia Dept. of Transp. - Salem District
Daniel Wagner ( <i>via zoom</i> )	Virginia Dept. of Rail and Public Transp.

#### VOTING MEMBERS ABSENT

Brea Hopkins	County of Montgomery
Nathan Sanford	Unified Human Serv. Transp. System

#### NON-VOTING MEMBERS ABSENT

Stephanie Mathena	Franklin County
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**Others Present:** Nathan Grim, Roanoke County; Mitch Huber, Virginia Department of Rail and Public Transportation and Patrice Strachan, Virginia Department of Rail and Public Transportation.

**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

**RVARC Staff Present:** Bryan Hill, Alison Stinnette, Jonathan Stanton, Tori Williams, Jeremy Holmes, and Virginia Mullen.

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

The following consent agenda items were distributed earlier:

- A. October 12, 2023 TTC Meeting Agenda
- B. Action on the August 10, 2023 TTC Minutes

**Motion:** by Jonathan McCoy to approve consent agenda items (A) and (B), as presented; seconded by Anita McMillan.

**TTC Action:** Motion carried unanimously.

**4. CHAIR REMARKS**

- Chair Sexton welcomed Mr. Tori Williams, Regional Commission's new Director of Transportation.

**5. REVIEW AND CONSIDERATION OF PROJECT SCOPE CHANGE FOR ELIZABETH GREENWAY**

Mr. Josh Pratt presented the proposed Elizabeth Greenway project scope change (the proposed alignment and maps illustrating the change were previously distributed with the agenda packet, pages 10 through 13).

**Motion:** by Frank Maguire to recommend to the RVTPO Policy Board the approval of the Elizabeth Greenway project scope changes, as presented; seconded by Megan Cronise.

**TTC Action:** Motion carried unanimously.

**6. REMOVAL OF THE FFY 2024-2027 TRANSPORTATION IMPROVEMENT PROGRAM AS A COMPONENT OF THE 2045 ROANOKE VALLEY TRANSPORTATION PLAN**

Mr. Hill explained that the Roanoke Valley Transportation Plan (RVTP) was adopted by the RVTPO Policy Board on January 26, 2023. Subsequently, on April 27, 2023 the Policy Board adopted the Federal Fiscal Year 2024 – 2027 Transportation Improvement Program (TIP) as a component of the 2045 Roanoke Valley Transportation Plan (RVTP). The combining of the two federally required products of Metropolitan Planning Organization was previously proposed by staff in an attempt to provide more transparency and cost monitoring for grouped projects in the TIP without creating additional administrative work and/or delays to projects.

At the beginning of June, following adoption of the FY24-29 Six-Year Improvement Program, staff performed a routine administrative update of projects. Due to the new structure of the RVTPO, all projects which are grouped in the TIP are required to be administratively adjusted any time the project cost changes. As a result, staff performed 60 administrative adjustments to projects in the RVTP, that it previously would not have to. Under the requirements of the TIP, which are set at the federal and state levels, VDOT maintains project groupings and the

grouped projects therein. The MPO has no purview to amend or adjust these. This inconsistency between requirements of a now unified document, that is clearly intended to be two, became overly apparent upon this first administrative review. Staff research further and concluded that no other MPO in the country has a unified Metropolitan Transportation Plan (MTP, a.k.a. RVTP) and TIP. The basic disconnect of having a unified document, is that the intent and functionality of the RVTP and TIP are different and should therefore be separate. Staff, through consultation with VDOT Salem District planning and programming staff, have modified the FFY 2024 – 2027 TIP and 2024 RVTP to reflect a reversion to two standalone documents. Additionally, staff modified language in the RVTP to indicate that if a project in the TIP is grouped, it will be administratively modified in the RVTP for cost increases that are within the established sliding scale that triggers an amendment. The revised documents will be posted on the website following the October 26<sup>th</sup> RVTP Policy Board meeting, where staff will seek recognition of the action.

**7. SMART SCALE PERFORMANCE AND POLICY ANALYSIS PRESENTATION**

Mr. Hill presented SMART SCALE Round 5 Analysis (the PowerPoint presentation is included with the Minutes).

Vice Chair Maguire commented that the TPO will meet after the October 17<sup>th</sup> CTB meeting and asked if it would be too late adopting a resolution with recommendations to the CTB at the October TPO meeting. Mr. Holmes replied that it is anticipated that the TPO comments will be submitted to the CTB prior to their October 17<sup>th</sup> meeting, the resolution will follow to formalize the recommendations. Mr. Dwayne D'Ardenne asked staff to share the TPO recommendations with the TTC members.

**8. OTHER BUSINESS**

No other business was discussed.

**9. COMMENTS BY MEMBERS AND / OR CITIZENS**

No comments were made.

**10. ADJOURNMENT**

The meeting was adjourned at 2:21 p.m.

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Bryan W. Hill, AICP, CZA  
Interim Secretary, Transportation Technical Committee

# SMART SCALE Round 5 Analysis

TTC Meeting, Thursday, October 12, 2023

[www.RVTPO.org](http://www.RVTPO.org)

## Round 5 Agency Success Rate

Locality/Organization	Applied	Funded	Success Rate	Total funds
Botetourt County	4	0	0%	
City of Roanoke	3	2	66%	\$36,819,271
Roanoke County	4	0	0%	
Roanoke Valley-Alleghany Regional Commission	2	1	50%	\$25,670,186
Roanoke Valley TPO	4	2	50%	\$10,569,419
City of Salem	2	0	0%	
Town of Vinton	1	1	100%	\$17,153,515
Valley Metro (GRTC)	0	0		
<b>Totals</b>	<b>20</b>	<b>6</b>	<b>30%</b>	<b>\$90,212,391</b>

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October 12, 2023 TTC Mtes.

## Round 5 Funded Projects

Project	Organization Applied	Locality/ Organization	Score	Total funds
STARS 460/Orange Ave – Plantation Rd. Improvements	City of Roanoke	City of Roanoke	14.24	\$8,533,761
Route 419/Electric Rd. Pedestrian Signal Improvements	RVTPO	Roanoke County	9.09	\$3,944,955
I-581/U.S. 460/U.S. 11 Improvements	RVARC	City of Roanoke	5.59	\$25,670,186
Roundabout at Hardy Rd. (Rte. 24/634) and Bypass Rd. (Rte. 24)	Town of Vinton	Town of Vinton	5.46	\$17,153,515
Route 419/Electric Road Safety Impr., Stonybrook-Grandin Rd. Ext.	RVTPO	City of Roanoke, Roanoke County	5.44	\$6,624,464
STARS 460/Orange Ave – 11 <sup>th</sup> Street to 24 <sup>th</sup> Street Improvements*	City of Roanoke	City of Roanoke	2.87	\$28,285,510
Totals				\$90,212,391

\* Denotes STBG/CRP Leverage

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## Next Steps

- Commonwealth Transportation Board completing year long review of SMART SCALE process.
  - Recommendations will be considered at the October CTB meeting, including:
    - Reduction in application cap from 2 to 4
    - Elimination of Step 2
    - Revision of definition of High Priority Projects
    - Conversion of land use to a multiplier
    - Revision of Economic Development scoring methodology
- RVTPO provided response to CTB representative
  - Stakeholder discussions are on-going
- RVTPO may consider formal resolution to CTB prior to policy adoption
- RVTPO staff will evaluate new scoring methodology and potential impact on region after adoption

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October 12, 2023 TTC Mtes.

**STAFF REPORT**

**TTC Meeting November 09, 2023**

**SUBJ: Review of Existing Projects for Surface Transportation Block Grant (STBG) and Carbon Reduction Program (CRP)**

In fall 2023, staff initiated the process for receiving candidate project updates, funding requests, and updates to existing projects funded through the Surface Transportation Block Grant (STBG) and Carbon Reduction Program (CRP). A spreadsheet of current funding availability for the STBG and CRP programs has been distributed to guide consideration of project updates and new funding requests listed below.

**Current Funding Availability**

	Previous Allocation	FY25	FY26	FY27	FY28	FY29	FY30	Total
<b>STBG</b>	\$66,017	\$278,319	\$320,147	\$1,458,817	\$722,654	\$5,611,078	\$6,535,078	\$14,992,110
<b>CRP</b>	\$88,226	\$572,462	\$583,911	\$595,589	\$607,501	\$619,651		\$3,067,340
<b>Total</b>	<b>\$154,243</b>	<b>\$850,781</b>	<b>\$904,058</b>	<b>\$2,054,406</b>	<b>\$1,330,155</b>	<b>\$6,230,729</b>	<b>\$6,535,078</b>	<b>\$18,059,450</b>

**Project Updates**

Project Name	Update	VDOT Project Milestones	Additional Funding Request
Roanoke River Greenway - West Riverside Drive Trailhead to Kingsmill Drive	VDOT SS Change Committee approved phasing of project in Sept. 2022. FHWA approved advertisement July 2023, advertised in August 2023. Bids received Sept 2023. Construction contract executed by Roanoke County with Notice of Award. Construction anticipated for 15 months.	Start Delivery Milestone finished 1829 days late. Budget estimate \$1 or more over.	
Roanoke River Greenway - City of Salem line to Bridge Street	Project is completed.	N/A	
Roanoke River Greenway - 1800' north of Highland Road to Highland Road	Contractor mobilization and construction began November 2023.	N/A	
Tinker Creek Trail Extension Phase 2A - Mason Mill Park to 13th Street	The construction for the project is underway. The construction is to be completed by Spring 2024.	Start Delivery Milestone finished 79 days late. On budget.	
Bus Replacement and Rebuild Program	GRTC has ordered the last remaining buses related to this project (Smart Way Coaches & All-electric transit buses). Expected delivery for Smart Way December 2024, and All-electric Transit January 2025.	N/A	
Walnut Avenue Bicycle and Pedestrian Accommodations (5th Street to City/Town limit)	The project's construction is finished, and landscaping is to be finished by the end of November 2023.	Start Delivery Milestone finished 120 days late. Budget estimate is 20% or more over budget.	



Route 419/U.S. 220 Diverging Diamond Interchange	N/A		
Roanoke River Greenway through Explore Park	The 100% design plans and bid manual finalized with updated cost estimate by engineering consultant. Based on recent bids from other greenway projects, Roanoke County anticipates a deficit and will request additional funding from RVTPPO. Status of Design: complete.	Obtained Permits Milestone finished 299 days early. Budget estimate is less than 20% over budget.	STBG; \$500,000
Walnut Avenue Bicycle and Pedestrian Accommodations (W. Lee Avenue to 1st Street)	The project is completed as of 10/10/23. Drainage to be completed by November 2023.	Start Delivery Milestone finished 80 days early. On budget.	
Route 220 at International Parkway Improvements	Design is complete. In the process of advertisement submission. Advertisement is expected in December 2023. Contractors Spring 2024.	Complete Purchasing ROW finished 337 days early. On budget.	
Starkey Road/Buck Mountain Road Intersection Improvements	The project has been under construction since the Spring and should be completed by end of this year.	Start Delivery Milestone finished 805 days early. Budget estimate is less than \$1M over budget.	
Elizabeth Greenway	60% of submittals are made to VDOT. 60% of the design plans were then used by Salem to further easement negotiations with updated alignment.	Start Purchasing ROW finished 443 days early. Budget estimate is 20% or more over budget.	
New Downtown Transit Transfer Center - Real-Time Transit Passenger Information (RTPI) Project	The downtown transit center construction project and RTPI equipment install was completed in June 2023.	N/A	
Route 220 Superstreet and Access Management	Previously applied for SMART SCALE and was unsuccessful. Reviewing the possibility of reducing costs which could reduce scope for storm water management and stoplights. Status of Design: N/A.	Complete Purchasing of ROW finished 147 days early. On budget.	STBG; \$5,000,000 leverage for SS application.
Orange Market Park and Ride/Parking Lot Improvements	The project awaits additional funding to begin preliminary engineering. Status of Design: N/A.	N/A	STBG or CRP; \$1,500,000.
Route 419 Streetscape Improvements, Phase 2	Project kickoff occurred in January 2023. Preliminary Engineering is underway.	Start Development Milestone finished 402 days early. On budget.	
Roanoke River Greenway - Underhill	The original STBG project was for design only, need additional funding for construction. Status of Design: Preparing plans.	N/A	STBG; \$11,758,000 is needed for construction.
Aviation Drive/Valley View Blvd. Pedestrian Improvements	The project survey was completed, and design has started (20%).	Determine Requirements Milestone is 119 days past expected date. On budget.	
Valleypointe Parkway Realignment	Preliminary Engineering is underway. The Public Hearing and Constructability Review meeting took place in October 2023.	Start Development Milestone finished 750 days early. On budget.	
Gus Nicks Boulevard Pedestrian/Bicycle Crossing	The final plans for the project have been submitted, waiting for authorization to advertise for construction.	Obtained Permits Milestone finished 873 days early. On budget.	
Greenway Connection - Riverland Road	The project is under design at 60% plans. There are unforeseen utility relocations and escalating prices in construction. Status of Design: 50% of plans submitted to VDOT.	Determine Requirements Milestone is 455 days past expected date. On budget.	CRP; \$1,180,500.

Oak Grove Streetscape Improvements - Crosswalk	Crosswalks and pedestrian signals have been installed. Anticipated project closeout in next three months.	Determine Requirements Milestone finished 49 days early. Budget: critical information missing.	
Orange Avenue Improvements - Hickory Woods Drive to Blue Hills Village Drive	Consultant on board. Surveying has begun.	Determine Requirements Milestones is 154 days past expected date. On budget.	
Route 460 Intersections - W. Ruritan Road to Huntridge Road	Consultants are under contract; survey is complete and Preliminary Engineering underway. The Preliminary Field Investigation meeting was held in October 2023.	Determine Requirements Milestones is 91 days past expected date. On budget.	
Route 460 and Alternate Route 220 Intersection Improvements	Consultants are under contract; survey is complete and Preliminary Engineering underway. The Preliminary Field Investigation meeting was held in October 2023.	Determine Requirements Milestone is 61 days past expected date. On budget.	
Orange Ave. (U.S. 460) - 11th to 24th St. Improvements	N/A	N/A	
I-581 at Exit 2 (Peters Creek Road) Interchange Improvements, Phase 1	The project is currently obtaining the survey. After the survey, the design phase will start.	Start Development Milestone finished 18 days early. On budget.	
Glade Creek Greenway, Phase 3 PE	The project is awaiting confirmation from RVARC and VDOT to administer/responsibility of project. RtA is yet to be completed.	N/A	

### **New Funding Requests for Existing Projects**

Five existing projects have requested additional funding through the Surface Transportation Block Grant (STBG) and Carbon Reduction Program (CRP):

Botetourt County – Route 220 Superstreet and Access Management

- Requesting \$5,000,000 STBG funds for SMART SCALE leverage in Round 6.

City of Roanoke – Roanoke River Greenway – Underhill

- Requesting \$11,758,000 STBG funds for construction funding.

City of Roanoke – Greenway Connection – Riverland Road

- Requesting \$1,180,500 CRP funds for unforeseen utility relocations and increased construction prices.

Roanoke County – Roanoke River Greenway through Explore Park

- Requesting \$500,000 STBG or CRP funds based on recent bids for other greenway projects and anticipating a potential deficit in available funding for the project.

Roanoke County – Orange Market and Parking Lot Improvements

- Requesting \$1,500,000 STBG or CRP funds to complete the multimodal improvements that were removed from an adjacent SMART SCALE project.

**TTC Action:** Recommendation of Preliminary Priority List of Investments for Existing Projects.

**STAFF REPORT**  
**RVTPO TTC Meeting November 09, 2023**

**SUBJ:** Recommendation on an Amendment to the 2045 Roanoke Valley Transportation Plan

The Roanoke Valley Transportation Plan (RVTP) was adopted by the RVTPO Policy Board on January 26<sup>th</sup> 2023, and subsequently amended on April 27<sup>th</sup>. Since that time, a variety of projects have received funding and several candidate projects have been submitted for funding.

This amendment and associated public engagement are being made for the following reasons:

1. Add current Surface Transportation Block Grant (STBG) and CRP candidate projects to the Priority Projects to Pursue list.
2. Add Transportation Alternatives candidate projects to the Priority Projects to Pursue list.
3. Add a new rail project from Virginia Public Rail Authority to the Funded Projects list.
4. Add new projects from the FY 23-29 Six-Year Improvement Program to the funded projects list.
5. Move all funded Round 5 SMART SCALE projects from the Priority Projects to Pursue list to the Funded Projects list.

6.  
 The tables below describe the amendment in greater detail.

**1. New STBG and CRP Priority Projects to Pursue**

Locality	Project Name/Description
Roanoke County, City of Roanoke	Route 419/Electric Road Safety and Streetscape Improvements, Grandin Road Extension to Keagy Road
Roanoke County	Peters Creek Road at Williamson Road Intersection Improvements
City of Salem	Roanoke River Greenway – Apperson to Cook Connector
Town of Vinton	Vinyard Road Pedestrian Safety Improvement Project (PE Phase)
Roanoke County	Rout 11/460/West Main Street at Dow Hollow Road Intersection Safety Improvements

**2. New Transportation Alternatives Priority Projects to Pursue**

Locality	Project Name/Description
Roanoke County	Glade Creek Greenway – Vinyard Park East
City of Roanoke	Westside/Salem Turnpike CGS

**3. New Rail Project – Virginia State-Supported Amtrak Operations**

UPC NO	20299/120532	SCOPE	Operational expenses related to two trains.				
SYSTEM	Primary	JURISDICTION	Roanoke Valley	OVERSIGHT	NFO		
PROJECT	Virginia State-Supported Amtrak Operations			ADMIN BY	VPRA		
DESCRIPTION	Operating expenses for two trains on the Roanoke route (Route 46). The cost included is only for a portion of the route and a portion of the train costs estimated for the jurisdiction.						
PROGRAM NOTE	TIP AMD - FY 2024-2027 Transportation Improvement Program (TIP) Amendment – Virginia State-Support Amtrak Operations						
ROUTE/STREET	Roanoke Operations (Route 46)			TOTAL COST	\$22,170,853*		
	FUND SOURCE	Previous Funding	FY24	FY25	FY26	FY27	Total FY24-27
PE	Federal CMAQ	\$0	\$1,701,699	\$1,771,225	\$1,904,175	\$1,982,655	\$7,359,754
PE	State CMAQ	\$0	\$425,425	\$442,806	\$476,044	\$495,664	\$1,839,938
PE	VPRA	\$3,771,469	\$2,127,123	\$2,214,031	\$2,380,219	\$2,478,318	\$9,199,692

\* Total cost includes operating expenses from previous funding and estimated expenses through FY27 as these are operating expenses without an end date.

#### 4. New FY23-29 Six-Year Improvement Program Funded Projects

UPC	Project Name/Description
T27867	#SMART24 - I-581/Us 460/Us 11 Improvements
T27847	#SMART24 - Rte. 419/Electric Rd Stoneybrook-Grandin Rd Ext
T27840	#SMART24 - Route 419/Electric Road Ped Signal Improvements
T27836	#SMART24 - Stars 460/Orange Ave - 11th To 24th Improvements
T27834	#SMART24 - Stars 460/Orange Ave - Plantation Rd Improvements
122864	Orange Ave Access Management Safety Project*
123284	#PIPELINE23 Rte. 460 Bus (10)
T27875	#SMART24 - Roundabout at Hardy Rd & Bypass Rd (Rte 24)
123280	#PIPELINE23 Rtes. 117&11 (06)
122898	Wiley Dr/Roanoke River Greenway Low Water Bridge*
123373	FY24 Extended FYA Improvements*
121708	#SGR23VP FY23 Plant Mix Roanoke & Craig Primaries*
123117	#SGR23LP - Roanoke - Primary Extension Paving
T23430	FY23 HSIP Systemic Edgeline Rumble Strip Installation*
120858	#ITTF22 Signal Communication Infrastructure – Districtwide
122425	FY23 Unsignalized Intersection - Flasher Installation*
122865	Shoulder Widening, Rumble Strip Install & Guardrail Upgrade*
110957	Rte. 615 Webb Road Hard Surface Non-Hard Surfaced Roadway
T25441	Route 693 (Franklin Street) Pavement Wedging And Overlay
117235	Rte. 759 Berganblick Hard Surface Non-Hardsurfaced Roadway
T26583	Improve Safety with Spot Widening and Drainage Improvements
100188	Countywide Engineering & Survey
100295	Countywide Fertilization & Seeding
100133	Countywide Traffic Services
100349	Countywide Right of Way Engr.
122900	Accessible Pedestrian Signals - City of Roanoke*
122901	Intersection Safety Improvements - City of Roanoke*
122903	Intersection Safety Improvements - City of Salem*
T28081	#SGR24LB - 13th St Over NS Railway (Fed ID 21663) - Superstr Rep
123118	#SGR23LP - Roanoke - Primary Extension – ADA

#### 5. New SMART SCALE Round 5 Priority Projects Which are Now Funded

UPC	Project Name/Description
T27840	#SMART24 – Electric Road Pedestrian Signal Improvements
T27847	#SMART24 – Rte. 419/Electric Rd. Safety Improvements, Stoneybrook to Grandin Rd. Ext.
T27875	#SMART24 – Roundabout at Hardy Road & Bypass Road (Rte. 24)
T27867	#SMART24 – I-581/U.S. 460/U.S. 11 Improvements
T27836	#SMART24 – STARS 460/Orange Ave. – 11 <sup>th</sup> to 24 <sup>th</sup> Improvements
T27834	#SMART24 – STARS/ 460/Orange Ave. – Plantation Rd. Improvements

A 14-day public comment period began on Thursday, November 9<sup>th</sup> and will conclude Wednesday, November 22<sup>nd</sup>. A public hearing on this amendment has been advertised and scheduled for the RVTPO Policy Board meeting on December 14<sup>th</sup>.

**TTC Action:** Recommendation on the Amendment to the 2045 Roanoke Valley Transportation Plan to the RVTPO Policy Board.

**STAFF REPORT**

**RVTPO TTC Meeting November 09, 2023**

**SUBJ:** Recommendation on an Amendment to the FFY 2024-2027 Transportation Improvement Program

The FFY 2024-2027 Transportation Improvement Program (TIP) was adopted by the RVTPO Policy Board on April 27<sup>th</sup>, 2023. Since that time, there have been a variety of projects which have received funding; and there have been several candidate projects which have been submitted for funding.

This amendment, and the associated public engagement, is being made to amend the TIP to add a new rail project from Virginia Public Rail Authority to the Funded Projects list. The table below describes the amendment in greater detail.

**1. New Ungrouped Project – Virginia State-Supported Amtrak Operations**

UPC NO	20299/120532	SCOPE	Operational expenses related to two trains.				
SYSTEM	Primary	JURISDICTION	Roanoke Valley	OVERSIGHT	NFO		
PROJECT	Virginia State-Supported Amtrak Operations			ADMIN BY	VPRA		
DESCRIPTION	Operating expenses for two trains on the Roanoke route (Route 46). The cost included is only for a portion of the route and a portion of the train costs estimated for the jurisdiction.						
PROGRAM NOTE	TIP AMD - FY 2024-2027 Transportation Improvement Program (TIP) Amendment – Virginia State-Support Amtrak Operations						
ROUTE/STREET	Roanoke Operations (Route 46)			TOTAL COST	\$22,170,853*		
	FUND SOURCE	Previous Funding	FY24	FY25	FY26	FY27	Total FY24-27
PE	Federal CMAQ	\$0	\$1,701,699	\$1,771,225	\$1,904,175	\$1,982,655	\$7,359,754
PE	State CMAQ	\$0	\$425,425	\$442,806	\$476,044	\$495,664	\$1,839,938
PE	VPRA	\$3,771,469	\$2,127,123	\$2,214,031	\$2,380,219	\$2,478,318	\$9,199,692

\* Total cost includes operating expenses from previous funding and estimated expenses through FY27 as these are operating expenses without an end date.

A 14-day public comment period began on Thursday, November 9<sup>th</sup> and concludes Wednesday, November 22<sup>nd</sup>. A public hearing on this amendment has been advertised and scheduled for the RVTPO Policy Board meeting on December 14<sup>th</sup>.

**TTC Action:**

Recommendation on the Amendment to the FFY 2024-2027 Transportation Improvement Program to the RVTPO Policy Board.