

## MINUTES

The combined November-December meeting of the Roanoke Valley Transportation Planning Organization Policy Board was held on Thursday, December 16, 2021 at 1:00 p.m. at the Roanoke Valley-Alleghany Regional Commission office, 313 Luck Avenue, SW, Roanoke, VA.

### VOTING MEMBERS PRESENT

Billy Martin, <i>Chair</i>	Botetourt County
Phil North, <i>Vice Chair</i>	Roanoke County
David Radford	Roanoke County
Renee Turk	City of Salem
Ken King ( <i>remotely</i> )	Virginia Dept. of Transportation – Salem District
Mike Stewart	Roanoke-Blacksburg Regional Airport

### VOTING MEMBERS ABSENT

Steve Clinton	Botetourt County
Mickey Johnson	Bedford County
Steve Fijalkowski	Montgomery County
Robert Jeffrey	City of Roanoke
Stephanie Moon Reynolds	City of Roanoke
Bill Jones	City of Salem
Keith Liles	Town of Vinton
Mike Stovall	Town of Vinton
Kevin Price	Greater Roanoke Transit Company (Valley Metro)
Daniel Sonenklar ( <i>remotely, joined later</i> )	Va. Dept. of Rail and Public Transportation

### TPO NON-VOTING MEMBERS PRESENT

Richard Caywood	Roanoke County
Cody Sexton	Town of Vinton
Lee Osborne	Roanoke Valley-Alleghany Regional Commission
Mark Jamison	City of Roanoke

**Others Present:** Megan Cronise, Roanoke County; Michael Gray, Virginia Department of Transportation; Anthony Ford, Virginia Department of Transportation.

**Staff Present:** Bryan Hill, Jeremy Holmes, Cristina Finch, Andrea Garland and Virginia Mullen.

### 1. WELCOME, CALL TO ORDER, ROLL CALL

Chair Martin called the meeting to order at 1:00 p.m. A quorum was present

**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

**2. APPROVAL OF CONSENT AGENDA ITEMS**

The following consent agenda items were distributed earlier:

- A. December 16, 2021 RVTPO Meeting Agenda
- B. September 23, 2021 RVTPO Minutes
- C. Action on the November 4, 2021 RVTPO Minutes
- D. Memo re: Follow-up on Amendment #4 to the Roanoke Valley Transportation Plan

**Motion:** by David Radford for approval of Consent Agenda Item A, B, C & D, as presented. The motion was seconded by Phil North.

**RVTPO Policy Board Action:** Motion carried unanimously.

**3. REMARKS BY THE CHAIR**

- Chair Martin welcomed Mr. Mike Stewart as the newest voting member of the RVTPO, representing the Roanoke-Blacksburg Regional Airport.

**4. RECOMMENDATION ON 2022 SAFETY PERFORMANCE MEASURE TARGETS**

- **Action Requested: Consideration of Resolution Approving the Adoption of VDOT 2022 Safety Targets for the Safety Performance Measures**

Mr. Bryan Hill summarized the annual target setting associated with the MAP-21 safety performance measures. Mr. Hill emphasized that the proposed 2022 safety performance targets are based on the average five-year period of 2016 to 2020, and that annual adoption is necessary, given the need to include the next "out year" in the target range. Staff continues to support adoption of VDOT-established safety performance measure targets, which were recommended in the below table.

Target Description	2020 Actual Values*	Previous 2021 Target Value	Proposed 2022 Target Value
Number of Fatalities	--	19	20
Fatality Rate (per 100 million VMT)	--	0.92	0.945
Number of Serious Injuries	209	202	184
Serious Injury Rate (per 100 million VMT)	10.003	10.020	8.878
Number of Non-Motorized Fatalities and Serious Injuries	--	18	18

**Motion:** by Ken King to approve the Resolution adopting the VDOT 2022 Safety Performance Measure Targets, as presented. The motion was seconded by David Radford.

**RVTPO Policy Board Action:** Motion carried unanimously.

**5. INITIATION OF FY23-28/29 SURFACE TRANSPORTATION BLOCK GRANT (STBG) FINANCIAL PLAN DEVELOPMENT**

Ms. Finch reported that as part of developing the annual update to the RVTPO's STBG program of projects, staff have initiated development of the FY23-28/29 STBG Financial Plan which includes the Policy Board considering the status of current projects (Part 1) and potential new/candidate projects (Part 2). The information was distributed in the staff report with the intent to provide background, and no action was requested at this time. Ms. Finch presented information on the eleven projects with a presentation on the FY23-28/29 STBG Financial Plan Development (the PowerPoint presentation is included with the Minutes).

Mr. Phil North noted that on page 69 of the agenda packet the requested amount for I-581/U.S. 460 Williamson Road Interchange is \$5 million and in today's presentation is listed as \$2 million, and asked Ms. Finch to clarify. Ms. Finch replied that the \$2 million is the correct requested amount.

**6. UPDATE ON THE 2021 INFRASTRUCTURE INVESTMENT AND JOBS ACT**

Mr. Bryan Hill summarized new programs and those of interest to the RVTPO in the 2021 Infrastructure Investment and Jobs Act.

Mr. Lee Osborne asked how the ownership of the bridges was determined. Mr. Ken King responded that whoever maintains a bridge owns it.

Mr. David Radford asked if there was any information on available funding for air travel. Mr. Mike Stewart answered that about \$400 million in funding is intended for the Commonwealth of Virginia from which about \$15 million would be for the Roanoke region.

**7. OTHER BUSINESS**

No other business was discussed.

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

Chair Martin congratulated Mr. Caywood on his promotion to Roanoke County Administrator.

Mr. Lee Osborne asked when the new interchange traffic pattern (Diverging Diamond Project) will become in effect in the Tanglewood area. Mr. Caywood replied that this project is still a few years out.

Mr. Martin wished everyone Merry Christmas and Happy Holidays.

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The meeting adjourned at 2:27 p.m.



Jeremy Holmes, Secretary  
Roanoke Valley Transportation Planning Organization

# FY23-28/29 STBG FINANCIAL PLAN DEVELOPMENT

*RVTPO POLICY BOARD MEETING - THURSDAY, DECEMBER 16, 2021*



Roanoke Valley Transportation  
**PLANNING ORGANIZATION**  
REGIONAL commission

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## CURRENT STBG FINANCIAL PROJECTIONS

Previous FY Funding: \$0  
FY23: \$0  
FY24: \$0  
FY25: \$0  
FY26: \$320,147  
FY27: \$1,445,553  
FY28: \$5,291,213 (estimated)

**TOTAL FY23-28: \$7,056,913**  
**Optional Year 7 (FY29): \$5,291,213 (estimated)**  
**Total for 7 years (FY23-29): \$12,348,126**

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## CURRENT PROJECTS

- Status of each current project provided in staff report.
- Cost overruns requests:

Project	Current STBG Allocation	Proposed Funding Adjustment
Tinker Creek Trail Extension	\$3,227,047	Request of Additional \$1,589,254
Orange Market Park and Ride/Parking Lot Improvements	\$343,573	Request of Additional \$892,528
		<b>TOTAL: \$2,481,780</b>

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## CANDIDATE PROJECTS

Number of Applications	Project Sponsor
0	Bedford County
0	Botetourt County
0	Montgomery County
4	City of Roanoke
7 (1 shared w/Vinton)	Roanoke County
0	City of Salem
2 (1 shared w/Roanoke Co.)	Town of Vinton
0	VDOT/DRPT
0	GRTC (Valley Metro)
0	RADAR
0	Roanoke – Blacksburg Regional Airport
<b>12</b>	<b>TOTAL</b>

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# PROJECT TYPES

# of Applications and Types of Project	Funding Request
6 - Road	\$26,058,056
3 - Pedestrian	\$11,198,344
2 - Greenway	\$7,893,754
1 - Study	\$150,000
<b>Total - 12 Projects</b>	<b>\$45,300,154</b>

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# ROUTE 460 AT ALTERNATE ROUTE 220 INTERSECTION IMPROVEMENTS



- New intersection with crossover
- Request: \$5,000,000
- Match for SMART SCALE Round 5
- REMOVED FROM CONSIDERATION - RVTPO already supporting this for 2025/26 STBG

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# PROJECT SCORING

- A. Regional Project Consideration
- B. Support the Economic Vitality of the Metropolitan Area by Enabling Global Competitiveness, Productivity, and Efficiency
- C. Increase the Safety and Security of the Transportation System for Motorized and Non-motorized Users
- D. Increase the Accessibility and Mobility of People and Freight
- E. Protect and Enhance the Environment, Promote Energy Conservation, Improve Quality of Life, and Promote Consistency between Transportation Improvements and State/Local Planned Growth and Economic Development Patterns
- F. Promote Efficient System Management and Operation
- G. Emphasize the Preservation of the Existing Transportation System
- H. Improve the Resiliency and Reliability of the Transportation System and Reduce or Mitigate Stormwater Impacts of Surface Transportation
- I. Enhance Travel and Tourism
- J. Enhance Land Use Coordination
- K. Demonstrate Project Readiness
- L. Project Included in Previous Plans that had a Public Input Process Associated with the Plan

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## 1) I-581/ORANGE AVE/ WILLIAMSON RD INTERCHANGE



- Addressing safety and congestion at two interchanges and surrounding intersections
- Request: \$1,000,000
- Match for SMART SCALE Round 3

Avg Score	Project Title	STBG Request	Total Cost	Route	FE	FOR	CM	Leverage Request?	Committed or Conditional	In the RVTP?	RVTP Top 10 Priority?	A	B	C	D	E	F	G	H	I	J	K	L	
110.0	I-581/Orange Ave/Williamson Rd Interchange	\$2,000,000	Unknown	Purched	Unfunded	Unfunded	Unfunded	Yes	Conditional	Yes, Vision p.191	Yes					02						0.7	06	20

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## 2) ORANGE AVE. – 11TH TO 24TH ST IMPROVEMENTS

- Modifying or eliminating intersections to limit conflicts
- Request - \$1,000,000
- Match for SMART SCALE Round 3



Avg Score	Project Title	STSO Revenue	Total Cost	Study	FE	EW	CE	Leverage Request?	Committed or Conditional	In the RVTP?	RVTP Top 10 Priority?	A	B	C	D	E	F	G	H	I	J	K	L
88.0	Orange Ave. (SR 450) - 11th to 24th St Improvements	\$5,000,000	\$33,714,783	Funded	Undeveloped	Undeveloped	Undeveloped	Yes	Conditional	Yes Vision p 191	No	182	84	81	80	55	88	82	82	64	65	64	48

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## 3) ORANGE AVE AND WILLIAMSON RD INTERSECTION IMPROVEMENT




- Adding turn lanes and installing signal on off ramp to eliminate weave
- Request - \$5,000,000
- Match for SMART SCALE Round 3

Avg Score	Project Title	STSO Revenue	Total Cost	Study	FE	EW	CE	Leverage Request?	Committed or Conditional	In the RVTP?	RVTP Top 10 Priority?	A	B	C	D	E	F	G	H	I	J	K	L
88.3	Orange Ave and Williamson Rd Intersection Improvements	\$5,000,000	\$7,689,270	Funded	Undeveloped	Undeveloped	Undeveloped	Yes	Conditional	Yes Vision p 191	Yes	187	85	88	94	58	92	88	93	73	83	65	32

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## 4) I-581 AT EXIT 2 (PETERS CREEK ROAD) INTERCHANGE IMPROVEMENTS PHASE 1

Option 1



- Signal at off ramp will eliminate weave
- Add turn lanes and pedestrian/bike amenities (Option 3 only)
- Request: \$7,058,056
- Match for STARRI SCALE Round 5

Option 3




Avg Score	Project Title	STBG Request	Total Cost	Study	PE	RW	CR	Leverage Request?	Committed or Conditional	In the RVTP?	RVTP Top 10 Priority?	A	B	C	D	E	F	G	H	I	J	K	L
87.5	Exit 2 at Exit 2 (Peters Creek Road) Interchange Improvements, Phase 1	\$4,068,056	\$18,907,515	Funded	Unfunded	Unfunded	Unfunded	Opt. 1-No Opt. 3-Yes	Committed	Yes, Vision # 106 (\$26,725,000)	Yes	178	82	81	72	55	77	76	71	69	87	69	78

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## 5) ROANOKE RIVER GREENWAY – EAST

- Connect Greenway from Bennington Trail to Underhill Road
- Request: \$7,618,753



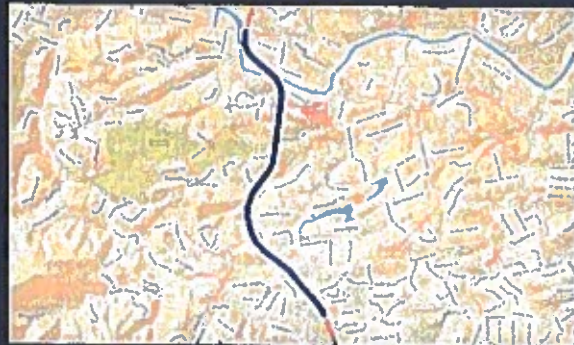
Avg Score	Project Title	STBG Request	Total Cost	Study	PE	RW	CR	Leverage Request?	Committed or Conditional	In the RVTP?	RVTP Top 10 Priority?	A	B	C	D	E	F	G	H	I	J	K	L
83.2	Roanoke River Greenway - East (Construction only)	\$7,618,754	\$8,537,254	Funded	Funded	Funded	Full Funding Request	No	Committed	Yes, Committed # 172 (\$8,124,470)	Yes	12.7	4.5	4.1	4.8	9.2	3.8	4.4	8.6	8.5	8.9	7.8	

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## 6) RT 419/ELECTRIC RD STUDY BETWEEN RT 11/APPERSON & BOWER RD PROJECTS

- Study to address capacity, safety, access, transit, and FDI
- Request: \$1,000,000
- Match for SMART SCALE Round 5



Arg Rank	System Title	STBG Request	Total Cost	Study	FE	RW	CH	Leverage Request?	Committed or Conditional	In the RTTP?	RTTP Top 10 Priority?	A	B	C	D	E	F	G	H	I	J	K	L
817	Route 11/Electric Road Study between Route 11/Apperson and Bower Road Projects	\$5,000,000	Unknown	Funded	Unfunded	Unfunded	Unfunded	Yes	Conditional	No. Study only - Vision p 200	No	42	66	55	62	55	61	74	64	54	66	42	90

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## 7) WASHINGTON AVENUE CORRIDOR IMPROVEMENT STUDY

- Study to address safety, access, congestion, and multimodal deficiencies
- Request: \$150,000



Arg Rank	System Title	STBG Request	Total Cost	Study	FE	RW	CH	Leverage Request?	Committed or Conditional	In the RTTP?	RTTP Top 10 Priority?	A	B	C	D	E	F	G	H	I	J	K	L
769	Washington Avenue Corridor Improvement Study	\$150,000	\$150,000	Full Funding Request	N/A	N/A	N/A	No	Committed	Yes, Vision p 200 (\$100,000)	No	11.3	6.7	60	62	61	64	67	64	58	47	78	

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## 8) WEST MAIN STREET PEDESTRIAN IMPROVEMENTS, PHASE 3

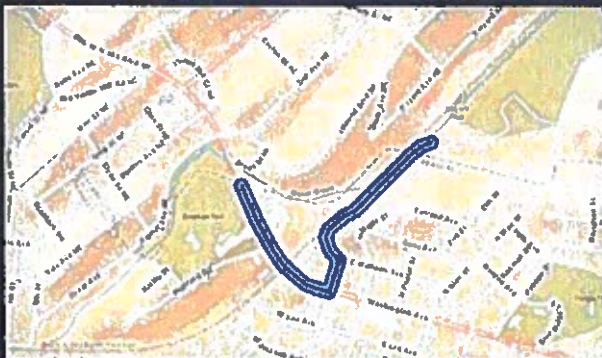


- Complete sidewalk sections
- Request: \$3,016,962

Avg Score	Project Title	STBO Request	Total Cost	Status	FA Funding Request	RA Funding Request	CA Funding Request	Leverage Request?	Committed or Conditional	In the RTTP? Yes, EA project Vision p. 202 (\$450,000)	RTTP Top 10 Priority?	A	B	C	D	E	F	G	H	I	J	K	L
74.8	West Main Street Pedestrian Improvements Phase 3	\$3,016,962	\$3,016,962	NA	Full Funding Request			No	Committed		No	76	48	58	82	66	58	48	54	47	72		76

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## 9) GLADE CREEK GREENWAY PHASE 3, PE



Preliminary engineering for greenway connection between Glade Creek Park and Maynard Park.  
Request: \$275,000

Avg Score	Project Title	STBO Request	Total Cost	Status	FA Funding Request	RA Funding Request	CA Funding Request	Leverage Request?	Committed or Conditional	In the RTTP? Yes, EA project Vision p. 202 (\$450,000)	RTTP Top 10 Priority?	A	B	C	D	E	F	G	H	I	J	K	L
76.2	Glade Creek Greenway Phase 3 PE	\$275,000	\$275,000	Funded	Full Funding Request	Unfunded	Unfunded	No	Committed		No	106	94	23	36		28	48	60	80	61	66	67

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# 10) WALROND DRIVE MULTIMODAL IMPROVEMENTS

- Pedestrian accommodations connecting Walrond Park to Plantation Road
- Request: 16,447,450



Avg Score	Project Title	STBG Request	Total Cost	State	FG Funding Request	FG Funding Request	FG Funding Request	Leverage Request?	Committed or Conditional	In the RVTP?	RVTP Top 10 Priority?	A	B	C	D	E	F	G	H	I	J	K	L
64.2	Walrond Drive Multimodal Improvements	\$4,447,462	\$4,447,462	NA	FG Funding Request	FG Funding Request	FG Funding Request	No	Committed	Yes, Vision p 100 \$1,500,000	No	42	41	80	64	76	41	46	88	64	74	57	47

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# 11) CHAPARRAL DRIVE PEDESTRIAN IMPROVEMENTS

- Pedestrian facilities surrounding Cave Spring High School
- Request: 13,733,930



Avg Score	Project Title	STBG Request	Total Cost	State	FG Funding Request	FG Funding Request	FG Funding Request	Leverage Request?	Committed or Conditional	In the RVTP?	RVTP Top 10 Priority?	A	B	C	D	E	F	G	H	I	J	K	L
49.6	Chaparral Drive Pedestrian Improvements	\$3,733,930	\$3,733,930	NA	FG Funding Request	FG Funding Request	FG Funding Request	No	Committed	Yes, Vision p 100 \$2,500,000	No	28	26	62	38	54	26	75	51	32	52	55	47

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# SUMMARY OF CANDIDATE PROJECTS

- **Solutions Phase:**
  - Study underway of I-581/U.S. 460 Interchange – Projects TBD
  - Study underway of Rt. 419 - Apperson Dr. to Bower Rd. – Projects TBD
  - Study of Washington Avenue Corridor
- **Project Phase:**
  - CN – Orange Ave. - 11<sup>th</sup> to 24<sup>th</sup> St.
  - CN – Orange Ave. and Williamson Rd.
  - CN – Roanoke River Greenway – East
  - CN – Chaparral Dr. Pedestrian Improvements
  - CN – I-581/Peters Creek Road Interchange, Ph 1
  - CN – Walrond Drive Multimodal Improvements
  - CN – West Main Street Pedestrian Improvements, Ph. 3
  - PE – Glade Creek Greenway

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# SUMMARY OF REQUESTS BY SCORE

Avg Score	Project Title	STBC Balance	Total Cost	State	RI	RII	RII	Leverage Request?	Committed or Conditional	In the RVTTP?	RVIP Top 10 Project?
108.8	I-581/U.S. 460 Interchange	\$2,000,000	Unknown	Funded	Unfunded	Unfunded	Unfunded	Yes	Conditional	Yes, Vision p. 191	Yes
99.0	Orange Ave. (11 <sup>th</sup> to 24 <sup>th</sup> St.)	\$5,000,000	\$23,714,743	Funded	Unfunded	Unfunded	Unfunded	Yes	Conditional	Yes, Vision p. 191 (\$23,714,743)	No
98.3	Orange Ave. and Williamson Rd Intersection	\$5,000,000	\$7,869,270	Funded	Unfunded	Unfunded	Unfunded	Yes	Conditional	Yes, Vision p. 191	Yes
87.5	I-581/U.S. 460 Interchange Improvements, Phase 1	\$4,050,000	\$16,967,515	Funded	Unfunded	Unfunded	Unfunded	Opt. 1-No Opt. 3-Yes	Committed	Yes, Vision p. 195 (\$16,967,515)	Yes
83.2	Roanoke River Greenway – East (Construction only)	\$7,618,754	\$9,537,254	Funded	Funded	Funded	Full Funding Request	No	Committed	Yes, Committed p. 172 (\$9,537,254)	Yes
81.7	Walrond Drive Road Study between Route 1/ Apperson and Bower Road Projects	\$5,000,000	Unknown	Funded	Unfunded	Unfunded	Unfunded	Yes	Conditional	No, Study only - Vision p. 200	No
78.0	Washington Avenue Corridor Improvement Study	\$150,000	\$150,000	Full Funding Request	N/A	N/A	N/A	No	Committed	Yes, Vision p. 198 (\$150,000)	No
74.9	West Main Street Pedestrian Improvements, Phase 3	\$3,014,952	\$3,014,952	N/A	Full Funding Request	Full Funding Request	Full Funding Request	No	Committed	Yes, Vision p. 199 (\$3,014,952)	No
70.2	Glade Creek Greenway Phase 3 PE	\$275,000	\$275,000	Funded	Full Funding Request	Unfunded	Unfunded	No	Committed	Yes, Vision p. 202 (\$275,000)	No
64.2	Walrond Drive Multimodal Improvements	\$4,447,452	\$4,447,452	N/A	Full Funding Request	Full Funding Request	Full Funding Request	No	Committed	Yes, Vision p. 199 (\$4,447,452)	No
48.5	Chaparral Drive Pedestrian Improvements	\$1,731,900	\$3,753,900	N/A	Full Funding Request	Full Funding Request	Full Funding Request	No	Committed	Yes, Vision p. 198 (\$1,731,900)	No

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## NEXT STEPS

- January Policy Board Meeting
    - Draft FY23-28/29 STBG Financial Plan presented, Policy Board releases draft for public comment.
  - February
    - Seek public input
    - Receive updated financial information
  - March Policy Board Meetings
    - Consideration of approval of FY23-28/29 Financial Plan
- => Inclusion in Draft FY23-28 Six-Year Improvement Program