

STAFF REPORT

Special-Called TTC Meeting April 20, 2021

SUBJ: Continued Development of the FY22-27/28 Surface Transportation Block Grant (STBG) Financial Plan

At the March 25 RVTPO Policy Board meeting, the Board requested the Transportation Technical Committee (TTC) further review its recommendation on the FY22-27/28 STBG Financial Plan in light of new information received. The TTC discussed the matter at its April 8 meeting. Per TTC Chair Tripp's request, a meeting was held with STBG project managers on April 14.

Some recommendations were made at the project manager's meeting, and it was requested that Jay Guy, Manager of VDOT's Salem District Programming Section review again the VDOT administered Roanoke County project schedules to which he identified some flexibility within the Route 419/U.S. 220 Diverging Diamond Interchange project being able to move money to later years.

Status of Return of Funds

In looking at what funding is being returned to the RVTPO, originally, the City of Roanoke had anticipated that \$750,000 would be available from the Roanoke River Greenway – City of Salem line to Bridge Street to return to the RVTPO. Following further review from VDOT, there will be some amount to be returned though not that much; VDOT will notify staff upon financial closeout when the actual amount is known at a future time. Thus, this amount is not able to be included in the development of the FY22-27/28 STBG financial plan. Staff was notified that the Exit 140 Park and Ride Reconstruction project has completed VDOT's financial closeout and \$147,145 has been returned to the RVTPO.

Recommendations from the TTC to the Policy Board on the following two items are requested in order to facilitate development of the financial plan.

1. Accept return of \$2,752,469 from Roanoke River Greenway – Water Pollution Control Plan to the Blue Ridge Parkway due to reduced project scope.

New total funding recommended: \$1,505,371

2. Accept return of \$147,145 from Exit 140 Park and Ride Reconstruction; these are unused funds following project completion.

New total funding recommended: \$2,502,855

Requests for Additional Funding

In total, \$9,043,221 has been requested. With the two projects returning funding as noted above, \$4,101,123 is available during the FY22-27 period with an assumed \$4,869,799 available in FY28 for a total of \$8,970,922. The RVTPO may utilize FY28 funds in any way it wishes including to cover cost overruns, contribute money towards future project phases, or leverage new projects applying for SMART SCALE funds. However, FY28 funds are not shown in the CTB's Six-Year Improvement Program because it is "year 7". Table 1 summarizes the project cost overruns.

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

Table 1: Summary of Projects Seeking Funding to Cover Anticipated Cost Overruns

Project	CN Advertise Date	CN Start Date	CN End Date	Reason for Cost Increase/Decrease
1.) Roanoke River Greenway - Greenhill Park (Roanoke County) to Riverside Park (Salem); UPC 97171; administered by Roanoke County \$3,083,069 additional \$7,673,829 TOTAL	Summer 2021	Fall 2021	Winter 2022 (FY23)	Increased construction costs related to two permanent bridges, a temporary work bridge, retaining walls, coffer dams, culvert extensions, and CEI and materials testing. The 0.25-mile section of greenway proposed between Mill Lane and Riverside Park in the City of Salem has been removed from the scope due to right-of-way acquisition issues.
2.) Tinker Creek Trail Extension \$1,589,254 additional \$4,816,301 TOTAL	Sept 2021 Sept 2022 Sept 2023	Dec 21 Dec 22 Dec 23	Dec 22 Dec 23 Dec 24 (FY25)	Cost overrun due to the increase of building materials and labor rates since the start of the grant.
3.) Walnut Avenue Bicycle and Pedestrian Accommodations (W. Lee Avenue to 1st Street) \$336,110 additional \$881,360 TOTAL	June 2022	Sept 2022	April 2023 (FY23)	For utility relocations (fiber optics, etc.) and VDOT charges.
4.) Orange Market Park and Ride/Parking Lot Improvements \$ 892,526 additional \$1,236,099 TOTAL	Late 2023	Early 2024	Late 2024 (FY25)	To incorporate elements from the 311 Roundabout project due to its cost overruns.
5.) Gus Nicks Boulevard Pedestrian/Bicycle Crossing \$234,262 additional \$403,912 TOTAL	March 2022	June 2022	Dec 2022 (FY23)	Original estimate was rough and did not include all the details.
6.) Oak Grove Streetscape Improvements – Crosswalk \$ 82,000 additional \$218,748 TOTAL	December 2021	Early 2022	Summer 2022 (FY23)	New VDOT signal contractor rates are higher than previous; Const. Eng. and Inspection costs on smaller projects like this are also higher.

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

Table 2 summarizes two other project funding requests.

Table 2: Summary of Other Project Requests

7.) Route 220 Superstreet and Access Management	\$2,076,000 conditional in FY28 to support another attempt at SMART SCALE funding.
8.) Roanoke River Greenway – East	\$750,000 additional in FY28 to support unknown total construction cost.

Table 3 is the most recently approved plan. Table 4 shows a balanced STBG financial plan with the returned money and current commitments, but no funding as requested in Tables 1 and 2. Table 5 proposes a scenario as a starting point for conversation which follows the total funding strategy from the original TTC recommendation from March 11 which fully funds all requests with the exception of #7 Route 220 Superstreet.

The scenario makes enough money available for the first project going to construction to advance (#1-RRG-Greenhill Park) along with funds available for the next two projects moving to construction (#6-Oak Grove and then #5-Gus Nicks) to be programmed in the SYIP with the hope that as VDOT progresses through financial closeout of projects, funds will be made available immediately in order to move up the allocations for those projects. Such adjustments may be made upon request administratively by staff. Funds for #3 Walnut Avenue, #2 Tinker Creek and #4 Orange Market are programmed in later years as placeholders, again with the hope of moving the money to the desired timeframe as money becomes available in order to meet the desired construction schedules. The scenario also includes shifting \$39,170 from the Route 419 DDI project from FY22 to FY27 which would be moved back to an earlier fiscal year as funding becomes available along with additional funding shifts to the Roanoke River Greenway – East, Route 220 Superstreet and Access Management, and Aviation Drive/Valley View Blvd. Pedestrian Improvements projects.

Updated Schedule:

- April 2021 - TTC makes scenario recommendation to Policy Board.
 Policy Board reviews TTC recommendation and authorizes public hearing on project funding increases.
- May 2021 - TTC reviews and recommends final FY22-27/28 financial plan.
 Policy Board hold public hearing, reviews and approves financial plan.
- June 2021 - CTB approves STBG allocations as part of the Six-Year Improvement Program.

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

TTC Action:

Recommendations to the RVTPO Policy Board on accepting returned funds:

1. Accept return of \$2,752,469 from Roanoke River Greenway – Water Pollution Control Plan to the Blue Ridge Parkway due to reduced project scope.
New total funding recommended: \$1,505,371
2. Accept return of \$147,145 from Exit 140 Park and Ride Reconstruction; these are unused funds following project completion.
New total funding recommended: \$2,502,855

Recommendations to the RVTPO Policy Board on covering project funding requests in the following priority order per the current construction schedules:

1. Increase committed funding by \$3,083,069 towards the Roanoke River Greenway – Greenhill Park (Roanoke County) to Riverside Park (Salem) for a total commitment of \$7,673,829.
2. Increase committed funding by \$82,000 towards the Oak Grove Streetscape Improvements – Crosswalk for a total commitment of \$218,748.
3. Increase committed funding by \$234,262 towards the Gus Nicks Boulevard Pedestrian/Bicycle Crossing for a total commitment of \$403,912.
4. Increase committed funding by \$336,110 towards the Walnut Avenue Bicycle and Pedestrian Accommodations (W. Lee Avenue to 1st Street) for a total commitment of \$881,360.
5. Increase committed funding by \$1,589,254 to the Tinker Creek Trail Extension project in FY28, for a total commitment of \$4,816,301 with the hope that in future adjustment years, the funding could move up to FY25/26.
6. Increase committed funding by \$892,526 to Orange Market Park and Ride/Parking Lot Improvements in FY28 for a total commitment of \$1,236,099 with the hope that in future adjustment years, the funding could move up to FY25/26.
7. Increase committed funding by \$750,000 towards the Roanoke River Greenway – East project to support unknown total construction cost for a total commitment of \$1,585,000. (To be programmed in FY28.)
8. Conditionally Commit \$2,003,701 to the Route 220 Superstreet and Access Management project to use as leverage in SMART SCALE Round 5. (To be programmed in FY28.)

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

Table 3: Most Recently Approved Financial Plan

FY 2021-2026 Surface Transportation Block Grant (STBG) Six-Year Financial Plan
 Approved November 24, 2020

Project	Project UPC	Additional Conditionally Committed Funding	"Committed" Funding Recommended	Previous Allocations	FY21	FY22	FY23	FY24	FY25	FY26
Roanoke River Greenway - Greenhill Park (Roanoke County) to Riverside Park (Salem)	97171		\$ 4,590,760	\$ 4,590,760	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Roanoke River Greenway - Eddy Avenue Bridge (Salem)	106486		\$ 1,289,114	\$ 1,289,114	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Roanoke River Greenway - City of Salem line to Bridge Street	105439		\$ 4,363,800	\$ 4,363,800	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Roanoke River Greenway - Water Pollution Control Plant to the Blue Ridge Parkway	91191		\$ 4,257,840	\$ 4,257,840	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Plantation Road, Bicycle, Pedestrian and Streetscape Improvement Project	103607		\$ 1,679,503	\$ 1,679,503	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Exit 140 Park and Ride Reconstruction	99542		\$ 2,650,000	\$ 2,650,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Tinker Creek Trail Extension	110101		\$ 3,227,047	\$ 2,628,413	\$ -	\$ 598,634	\$ -	\$ -	\$ -	\$ -
Bus Replacement and Rebuild Program	T18675/DRPT		\$ 13,622,784	\$ 7,662,632	\$ 1,955,439	\$ 1,955,439	\$ 2,049,274	\$ -	\$ -	\$ -
Garden City Trail Connection	106265		\$ 200,000	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Walnut Avenue Bicycle and Pedestrian Accommodations (5th Street to City/Town limit)	111649		\$ 1,684,030	\$ 195,300	\$ 1,250,982	\$ -	\$ 237,748	\$ -	\$ -	\$ -
Route 419/U.S. 220 Diverging Diamond Interchange	115460		\$ 5,731,866	\$ 1,199,714	\$ 640,449	\$ 1,069,853	\$ 500,000	\$ 1,098,627	\$ 1,223,223	\$ -
Roanoke River Greenway Bridge across Barnhardt Creek	113568		\$ 897,770	\$ 897,770	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Roanoke River Greenway through Explore Park	113567		\$ 3,020,308	\$ 431,678	\$ -	\$ 1,117,559	\$ -	\$ 1,471,071	\$ -	\$ -
Walnut Avenue Bicycle and Pedestrian Accommodations (W. Lee Avenue to 1st Street)	113565		\$ 545,250	\$ 69,500	\$ -	\$ 12,000	\$ 263,750	\$ 200,000	\$ -	\$ -
Route 220 at International Parkway Improvements	115457		\$ 300,000	\$ -	\$ 300,000	\$ -	\$ -	\$ -	\$ -	\$ -
Starkey Road/Buck Mountain Road Intersection Improvements	113144		\$ 2,098,115	\$ -	\$ -	\$ 30,327	\$ 778,090	\$ 641,759	\$ 647,939	\$ -
Elizabeth Greenway	113566		\$ 1,104,400	\$ 106,168	\$ 84,900	\$ -	\$ 913,332	\$ -	\$ -	\$ -
I-581 Exit 2 Interchange Study	113570		\$ 190,000	\$ 190,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
New Downtown Transit Transfer Center - Real-Time Transit Passenger Information (RTP) Project	TBD		\$ 400,000	\$ 400,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Route 220 Superstreet and Access Management	TBD	\$ 2,076,000	\$ 924,000	\$ -	\$ -	\$ -	\$ 164,422	\$ 759,578	\$ 2,076,000	\$ -
Orange Market Park and Ride/Parking Lot Improvements	TBD		\$ 343,573	\$ 343,573	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Route 419 Streetscape Improvements, Phase 2	TBD	\$ 2,841,712	\$ 1,505,438	\$ -	\$ -	\$ -	\$ -	\$ 808,020	\$ 697,418	\$ 2,841,712
Roanoke River Greenway - East	TBD		\$ 835,000	\$ 710,000	\$ 125,000	\$ -	\$ -	\$ -	\$ -	\$ -
Aviation Drive/Valley View Blvd. Pedestrian Improvements	TBD	\$ 936,500	\$ 313,500	\$ -	\$ -	\$ -	\$ 81,980	\$ 231,520	\$ 74,523	\$ 861,977
Valleypointe Parkway Realignment	TBD	\$ 1,707,707	\$ 792,293	\$ -	\$ -	\$ -	\$ -	\$ 100,000	\$ 692,293	\$ 1,707,707
Gus Nicks Boulevard Pedestrian/Bicycle Crossing	TBD		\$ 169,650	\$ -	\$ 169,650	\$ -	\$ -	\$ -	\$ -	\$ -
Greenway Connection - Riverland Road	TBD		\$ 1,198,410	\$ 290,480	\$ 354,941	\$ 330,147	\$ 222,842	\$ -	\$ -	\$ -
Oak Grove Streetscape Improvements - Crosswalk	TBD		\$ 136,748	\$ -	\$ 136,748	\$ -	\$ -	\$ -	\$ -	\$ -
Total Funding Allocated:		\$ 7,561,919	\$ 59,090,288		\$ 5,018,109	\$ 5,113,959	\$ 5,211,438	\$ 5,310,575	\$ 5,411,396	\$ 5,411,396
Total STBG Funding Available:			\$ 66,755,044		\$ 5,018,109	\$ 5,113,959	\$ 5,211,438	\$ 5,310,575	\$ 5,411,396	\$ 5,513,933
Balance Entry (UPC 104126):			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 102,537
TOTAL UNALLOCATED FUNDS:										\$ 102,537

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

Table 4: Draft FY22-27/28 plan with no additional committed or conditionally committed funding requests included - only SMART SCALE and current project commitments with adjustments to allocations by FY in order to balance the available budget and keep current commitments on schedule.

FY 2022-2027/28 Surface Transportation Block Grant (STBG) Six-Year Financial Plan
DRAFT April 19, 2021 - Balanced Budget to Meet Commitments

Project	Project UPC	Additional Conditionally Committed Funding	"Committed" Funding Recommended	Previous Allocations	FY22	FY23	FY24	FY25	FY26	FY27	FY28 (assumed)	Project Updates/Other Notes
Roanoke River Greenway - Greenhill Park (Roanoke County) to Riverside Park (Salem)	97171		\$ 4,590,760	\$ 4,590,760	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Requesting additional \$3,083,069. Allocations could move to FY22.
Roanoke River Greenway - Eddy Avenue Bridge (Salem)	106486		\$ 1,289,114	\$ 1,289,114	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Project complete; VDOT to follow-up on financial close-out.
Roanoke River Greenway - City of Salem line to Bridge Street	105439		\$ 4,363,800	\$ 4,363,800	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	UPC 105439 complete - VDOT to review financials for future funding return.
Roanoke River Greenway - Water Pollution Control Plant to the Blue Ridge Parkway	91191		\$ 1,505,371	\$ 1,505,371	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Return of \$2,752,469 is reflected in the plan. Allocations could move to FY22, 23 or 24.
Plantation Road, Bicycle, Pedestrian and Streetscape Improvement Project	103607		\$ 1,679,503	\$ 1,679,503	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Project complete; VDOT to follow-up on financial close-out.
Exit 140 Park and Ride Reconstruction	99542		\$ 2,502,855	\$ 2,502,855	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Project complete. \$147,145 returned to the RVTPO per VDOT email on 4-15-21. Change reflected in plan.
Tinker Creek Trail Extension	110101		\$ 3,227,047	\$ 2,731,551	\$ 495,496	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Requesting additional \$1,589,254. Allocations could move to FY22, 23, 24 or 25.
Bus Replacement and Rebuild Program	T18675/D RPT		\$ 13,622,784	\$ 9,618,071	\$ 1,955,439	\$ 2,049,274	\$ -	\$ -	\$ -	\$ -	\$ -	
Garden City Trail Connection	106265		\$ 200,000	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Project complete; VDOT to follow-up on financial close-out.
Walnut Avenue Bicycle and Pedestrian Accommodations (5th Street to City/Town limit)	111649		\$ 1,684,030	\$ 1,446,282	\$ -	\$ 237,748	\$ -	\$ -	\$ -	\$ -	\$ -	
Route 419/U.S. 220 Diverging Diamond Interchange	115460		\$ 5,731,866	\$ 1,717,740	\$ 535,198	\$ 87,225	\$ 1,098,627	\$ 1,223,223	\$ 1,069,853	\$ -	\$ -	
Roanoke River Greenway Bridge across Barnhardt Creek	113568		\$ 897,770	\$ 897,770	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Roanoke River Greenway through Explore Park	113567		\$ 3,020,308	\$ 431,678	\$ 1,117,559	\$ -	\$ 1,471,071	\$ -	\$ -	\$ -	\$ -	
Walnut Avenue Bicycle and Pedestrian Accommodations (W. Lee Avenue to 1st Street)	113565		\$ 545,250	\$ 69,500	\$ 12,000	\$ 263,750	\$ 200,000	\$ -	\$ -	\$ -	\$ -	Requesting additional \$336,110.
Route 220 at International Parkway Improvements	115457		\$ 300,000	\$ 300,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Starkey Road/Buck Mountain Road Intersection Improvements	113144		\$ 2,098,115	\$ -	\$ 30,327	\$ 778,090	\$ 641,759	\$ 647,939	\$ -	\$ -	\$ -	
Elizabeth Greenway	113566		\$ 1,104,400	\$ 191,068	\$ -	\$ 913,332	\$ -	\$ -	\$ -	\$ -	\$ -	
I-581 Exit 2 Interchange Study	113570		\$ 190,000	\$ 190,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
New Downtown Transit Transfer Center - Real-Time Transit Passenger Information (RTP) Project	TBD		\$ 400,000	\$ 400,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Route 220 Superstreet and Access Management	T24740		\$ 924,000	\$ -	\$ -	\$ -	\$ 924,000	\$ -	\$ -	\$ -	\$ -	Requesting \$2,076,000 be kept conditionally committed.
Orange Market Park and Ride/Parking Lot Improvements	T24579		\$ 343,573	\$ 343,573	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Requesting additional \$892,526.
Route 419 Streetscape Improvements, Phase 2	TBD		\$ 4,347,150	\$ -	\$ -	\$ -	\$ 194,193	\$ 1,616,639	\$ 2,358,948	\$ 177,370	\$ -	Received draft SMART SCALE funding. Commit all funding and extend to FY27.
Roanoke River Greenway - East	T24553		\$ 835,000	\$ 835,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Requesting additional \$750,000.
Aviation Drive/Valley View Blvd. Pedestrian Improvements	T24534		\$ 1,250,000	\$ -	\$ -	\$ -	\$ 528,260	\$ 721,740	\$ -	\$ -	\$ -	Received draft SMART SCALE funding. Commit all funding and shift to FY25-FY26.
Valleypointe Parkway Realignment	TBD		\$ 2,500,000	\$ -	\$ -	\$ -	\$ 100,000	\$ 692,293	\$ 479,769	\$ 1,227,938	\$ -	Received draft SMART SCALE funding. Prefer FY23 start. Consider shifting funds with 419 DDI or balance entry.
Gus Nicks Boulevard Pedestrian/Bicycle Crossing	TBD		\$ 169,650	\$ 169,650	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Requesting additional \$234,262.
Greenway Connection - Riverland Road	T24548		\$ 1,198,410	\$ 645,421	\$ 330,147	\$ 222,842	\$ -	\$ -	\$ -	\$ -	\$ -	
Oak Grove Streetscape Improvements - Crosswalk	TBD		\$ 136,748	\$ 136,748	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Requesting additional \$82,000.
Route 460 (Orange Ave) Improvements near Blue Hills Drive	TBD		\$ 676,720	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 676,720	\$ -	Received draft SMART SCALE funding.
Route 460 (Orange Ave) Improvements at King Street	TBD		\$ 550,280	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 550,280	\$ -	Received draft SMART SCALE funding.
Route 460 at West Ruritan Road Intersection Improvements	TBD		\$ 785,549	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 785,549	\$ -	Received draft SMART SCALE funding.
Route 460 Intersections from Carson Road to Huntridge Road	TBD		\$ 427,803	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 427,803	\$ -	Received draft SMART SCALE funding.
Route 460 and Alternate Route 220 Intersection Improvements	TBD		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Roanoke County returning \$2,544,860 conditionally committed funding; recommend project be removed from STBG Financial Plan.
Total Funding Allocated:			\$ 64,116,945	\$ 37,274,544	\$ 4,476,166	\$ 4,552,261	\$ 4,629,650	\$ 4,708,354	\$ 4,630,310	\$ 3,845,660	\$ -	
Total STBG Funding Available:				\$ 40,193,443	\$ 4,476,166	\$ 4,552,261	\$ 4,629,650	\$ 4,708,354	\$ 4,788,395	\$ 4,869,799	\$ 4,869,799	FY28 amount assumed = FY27
Balance Entry (UPC 104126):				\$ 2,918,899	\$ -	\$ -	\$ -	\$ -	\$ 158,085	\$ 1,024,139	\$ 4,869,799	
Total STBG Funding Available FY14-28:			\$ 73,087,867							\$ 4,101,123		
Changes from Most Recently Approved Plan shown in Yellow												
TOTAL UNALLOCATED FUNDS FY14-27:												
TOTAL UNALLOCATED FUNDS FY14-28:											\$ 8,970,922	Total funding requested: \$9,043,221
											Cost Overruns Total: \$	6,217,221

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

Table 5: Possible Scenario for FY22-27/28 STBG Financial Plan

Roanoke Valley Transportation PLANNING ORGANIZATION Staffed by the REGIONAL commission		FY 2022-2027/28 Surface Transportation Block Grant (STBG) Six-Year Financial Plan DRAFT April 19, 2021 SCENARIO 1										
Project	Project UPC	Additional Conditionally Committed Funding	"Committed" Funding Recommended	Previous Allocations	FY22	FY23	FY24	FY25	FY26	FY27	FY28 (assumed)	Project Updates/Other Notes
Roanoke River Greenway - Greenhill Park (Roanoke County) to Riverside Park (Salem)	97171		\$ 7,673,829	\$ 6,439,806	\$ 39,170	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Requesting additional \$3,083,069. Allocations could move to FY22.
Roanoke River Greenway - Eddy Avenue Bridge (Salem)	106486		\$ 1,289,114	\$ 1,289,114	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Project complete; VDOT to follow-up on financial close-out.
Roanoke River Greenway - City of Salem line to Bridge Street	105439		\$ 4,363,800	\$ 4,363,800	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	UPC 105439 complete - VDOT to review financials for future funding return.
Roanoke River Greenway - Water Pollution Control Plant to the Blue Ridge Parkway	91191		\$ 1,505,371	\$ 1,505,371	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Return of \$2,752,469 is reflected in the plan. Allocations could move to FY22, 23 or 24.
Plantation Road, Bicycle, Pedestrian and Streetscape Improvement Project	103607		\$ 1,679,503	\$ 1,679,503	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Project complete; VDOT to follow-up on financial close-out.
Exit 140 Park-and-Ride Reconstruction	99542		\$ 2,502,855	\$ 2,502,855	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Project complete. \$147,145 returned to the RVTPO per VDOT email on 4-15-21. Change reflected in plan.
Tinker Creek Trail Extension	110101		\$ 4,816,301	\$ 2,731,551	\$ 495,496	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,589,254	Requesting additional \$1,589,254. Allocations could move to FY22, 23, 24 or 25.
Bus Replacement and Rebuild Program	T18675/D RPT		\$ 13,622,784	\$ 9,618,071	\$ 1,955,439	\$ 2,049,274	\$ -	\$ -	\$ -	\$ -	\$ -	
Garden City Trail Connection	106265		\$ 200,000	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Project complete; VDOT to follow-up on financial close-out.
Walnut Avenue Bicycle and Pedestrian Accommodations (5th Street to City/Town limit)	111649		\$ 1,684,030	\$ 1,446,282	\$ -	\$ 237,748	\$ -	\$ -	\$ -	\$ -	\$ -	
Route 419/U.S. 220 Diverging Diamond Interchange	115460		\$ 5,731,866	\$ 1,717,740	\$ 496,028	\$ 87,225	\$ 1,098,627	\$ 1,223,223	\$ 1,069,853	\$ 39,170	\$ -	\$39,170 shifted from FY22 to FY27 to allow for RRG-Greenhill Park to be fully funded for Summer 2021 CN Advertise.
Roanoke River Greenway Bridge across Barnhardt Creek	113568		\$ 897,770	\$ 897,770	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Roanoke River Greenway through Explore Park	113567		\$ 3,020,308	\$ 431,678	\$ 1,117,559	\$ -	\$ 1,471,071	\$ -	\$ -	\$ -	\$ -	
Walnut Avenue Bicycle and Pedestrian Accommodations (W. Lee Avenue to 1st Street)	113565		\$ 881,350	\$ 69,500	\$ 12,000	\$ 263,750	\$ 200,000	\$ -	\$ -	\$ 336,110	\$ -	Requesting additional \$336,110.
Route 220 at International Parkway Improvements	115457		\$ 300,000	\$ 300,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Starkey Road/Buck Mountain Road Intersection Improvements	113144		\$ 2,098,115	\$ -	\$ 30,327	\$ 778,090	\$ 641,759	\$ 647,939	\$ -	\$ -	\$ -	
Elizabeth Greenway	113566		\$ 1,104,400	\$ 191,068	\$ -	\$ 913,332	\$ -	\$ -	\$ -	\$ -	\$ -	
I-581 Exit 2 Interchange Study	113570		\$ 190,000	\$ 190,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
New Downtown Transit Transfer Center - Real-Time Transit Passenger Information (RTP) Project	TBD		\$ 400,000	\$ 400,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Route 220 Superstreet and Access Management	T24740	\$ 2,003,701	\$ 924,000	\$ -	\$ -	\$ -	\$ 799,000	\$ 125,000	\$ -	\$ -	\$ 2,003,701	Requesting \$2,076,000 be kept conditionally committed. Shift \$125k to from FY24 to FY25. Insufficient funds to meet full request. Less funds shown per March TTC recommendation.
Orange Market Park and Ride/Parking Lot Improvements	T24579		\$ 1,236,098	\$ 343,573	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 365,682	\$ 526,844	Requesting additional \$892,526.
Route 419 Streetscape Improvements, Phase 2	TBD		\$ 4,347,150	\$ -	\$ -	\$ -	\$ 194,193	\$ 1,616,639	\$ 2,358,948	\$ 177,370	\$ -	Received draft SMART SCALE funding. Commit all funding and extend to FY27.
Roanoke River Greenway - East	T24553		\$ 1,585,000	\$ 710,000	\$ -	\$ -	\$ 125,000	\$ -	\$ -	\$ -	\$ 750,000	Requesting additional \$750,000. Shift RW funding from previous to FY24.
Aviation Drive/Valley View Blvd. Pedestrian Improvements	T24534		\$ 1,250,000	\$ -	\$ -	\$ -	\$ 403,260	\$ 846,740	\$ -	\$ -	\$ -	Received draft SMART SCALE funding. Commit all funding and shift to FY25-FY26. Further shift \$125k from FY25 to FY26.
Valleypointe Parkway Realignment	TBD		\$ 2,500,000	\$ -	\$ -	\$ -	\$ 100,000	\$ 692,293	\$ 479,769	\$ 1,227,938	\$ -	Received draft SMART SCALE funding. Prefer FY23 start. Consider shifting funds with 419 DDI or balance entry.
Gus Nicks Boulevard Pedestrian/Bicycle Crossing	TBD		\$ 403,912	\$ 169,650	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 234,262	\$ -	Requesting additional \$234,262.
Greenway Connection - Riverland Road	T24548		\$ 1,198,410	\$ 645,421	\$ 330,147	\$ 222,842	\$ -	\$ -	\$ -	\$ -	\$ -	
Oak Grove Streetscape Improvements - Crosswalk	TBD		\$ 218,748	\$ 136,748	\$ -	\$ -	\$ -	\$ -	\$ 33,095	\$ 48,915	\$ -	Requesting additional \$82,000.
Route 460 (Orange Ave) Improvements near Blue Hills Drive	TBD		\$ 676,720	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 676,720	\$ -	Received draft SMART SCALE funding.
Route 460 (Orange Ave) Improvements at King Street	TBD		\$ 550,280	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 550,280	\$ -	Received draft SMART SCALE funding.
Route 460 at West Ruritan Road Intersection Improvements	TBD		\$ 785,549	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 785,549	\$ -	Received draft SMART SCALE funding.
Route 460 Intersections from Carson Road to Huntridge Road	TBD		\$ 427,803	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 427,803	\$ -	Received draft SMART SCALE funding.
Route 460 and Alternate Route 220 Intersection Improvements	TBD		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Roanoke County returning \$2,544,860 conditionally committed funding; recommend project be removed from STBG Financial Plan.
Total Funding Allocated:			\$ 73,087,867	\$ 40,193,443	\$ 4,476,166	\$ 4,552,261	\$ 4,629,650	\$ 4,708,354	\$ 4,788,395	\$ 4,869,799	\$ 4,869,799	
Total STBG Funding Available:			\$ 40,193,443	\$ 4,476,166	\$ 4,552,261	\$ 4,629,650	\$ 4,708,354	\$ 4,788,395	\$ 4,869,799	\$ 4,869,799	\$ 4,869,799	FY28 amount assumed = FY27
Balance Entry (UPC 104126):			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Total STBG Funding Available FY14-28:			\$ 73,087,867									
Changes from Most Recently Approved Plan shown in Yellow												
Additional Funding Shifts / New Allocations in this Scenario												
TOTAL UNALLOCATED FUNDS FY14-27:											\$ -	
TOTAL UNALLOCATED FUNDS FY14-28:											\$ -	
											Total funding requested: \$9,043,221	
											Cost Overruns Total: \$ 6,217,221	

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