

ALL SUBSTANTIAL CHANGES IN THIS DRAFT ARE MADE IN RED.

Acknowledgement

This report was prepared by the Roanoke Valley-Alleghany Regional Commission (RVARC) staff in cooperation with and assistance by the: Virginia Department of Rail and Public Transportation (DRPT), Virginia Department of Transportation (VDOT), Roanoke Valley Transportation Planning Organization (RVTPPO) member localities, Greater Roanoke Transit Company (GRTC/Valley Metro), and RADAR (Unified Human Services Transportation Systems, Inc.).

Disclaimer

The contents of this report reflect the views of the Roanoke Valley Transportation Planning Organization. The Roanoke Valley-Alleghany Regional Commission (RVARC) staff is responsible for the facts and the accuracy of the data presented herein. The contents do not necessarily reflect the official views or policies of the Federal Highway Administration, Federal Transit Administration, Virginia Department of Transportation, Virginia Department of Rail and Public Transportation, Valley Metro, RADAR, or the RVARC. This report does not constitute a standard, specification, or regulation. FHWA, FTA, VDOT and DRPT acceptance of this report as evidence of fulfillment of the objectives of this program does not constitute endorsement/approval of the need for any recommended improvements nor does it constitute approval of their location and design or a commitment to fund any such improvements. Additional project level environmental impact assessments and/or studies of alternatives may be necessary.

The data presented in this report is provided by VDOT, DRPT, GRTC and RADAR; and the data is compiled and presented by RVARC staff.

Non-Discrimination

The Roanoke Valley Transportation Planning Organization (RVTPPO) fully complies with Title VI of the Civil Rights Act of 1964 and related statutes and regulations in all programs and activities. The RVTPPO will strive to provide reasonable accommodations and services for persons who require special assistance to participate in this public involvement opportunity. For more information on meeting accessibility, or to obtain a Title VI Complaint Form, see www.rvarc.org or call the Title VI Coordinator at 540-343-4417.

Transportation Improvement Program Abstract

The Roanoke Valley Transportation Planning Organization (RVTPPO) is recognized as the official transportation planning agency for the Roanoke, Virginia Urbanized Area as required by federal law. For the region to receive federal funds for use on highway, transit, non-motorized, and multimodal systems, the RVTPPO is required to develop a Transportation Improvement Program (TIP). The Transportation Improvement Program (TIP) is a four-year financial program that describes the schedule for obligating federal funds to state and local projects. For all non-transit projects in the region, the TIP serves as the document to obtain authority from the Federal Highway Administration to commit obligate (or commit) funds to a project.

The TIP contains federal funding information for all modes of transportation including highways, transit and pedestrian facilities. Additionally, the TIP also reflects projects and priorities identified in the Roanoke Valley Transportation Plan. The RVTPPO works closely with the Virginia Departments of Transportation and Rail & Public Transportation, as well as local transit operators, to update and amend the TIP each year as funding conditions change. Finally, the RVTPPO publishes an annual listing of TIP projects for which have federal funds have been obligated.

Resolution Approving FFY2024-2027 TIP

Introduction

The Roanoke Valley Transportation Planning Organization (RVTPO) is recognized as the official transportation planning agency for the Roanoke, Virginia Urbanized Area as required by federal law. For the region to receive federal funds for use on highway, transit, non-motorized, and multimodal systems, the RVTPO is required to develop a Transportation Improvement Program (TIP). Staff at the RVTPO developed this TIP for the MPO area which includes the 2010 Census urbanized area as well as the area projected to be urbanized by 2045. The RVTPO TIP was developed in cooperation with the Virginia Department of Transportation (VDOT), the Virginia Passenger Rail Authority (VPRA), the Virginia Department of Rail and Public Transportation (DRPT), local public transportation operators, and the local governments within the urbanized area. These officials, through the Metropolitan Planning Process, select and schedule projects for endorsement in the TIP. The Transportation Improvement Program may be modified as described in the **Amendment/Adjustment Process**.

The Transportation Improvement Program (TIP) is a four-year financial program that describes the schedule for obligating federal funds to state and local projects. For all non-transit projects in the region, the TIP serves as the document to obtain authority from the Federal Highway Administration to commit obligate (or commit) funds to a project.

The TIP contains federal planned obligation information for all modes of transportation including highways, transit and pedestrian facilities and is consistent with the projects and priorities identified in the Roanoke Valley Transportation Plan (RVTP). The RVTPO works closely with VDOT and DRPT, as well as local transit operators, to update and amend the TIP as funding conditions change. Finally, the RVTPO annually updates project information in the RVTP and TIP to reflect actual obligations of federal funds to funded projects/services.

The TIP identifies capital and operating projects/services with planned federal obligations over a four-year period during federal fiscal years 2024 through 2027 (October 1, 2023 to September 30, 2027). The TIP serves as the transit “program of projects” for which public involvement is conducted through the RVTPO’s Public Participation Plan.

In accordance with 23 CFR 450.318(i), any project included in the TIP shall be consistent with the approved Metropolitan Transportation Plan (Roanoke Valley Transportation Plan). Once approved, the TIP is incorporated without change into the Statewide Transportation Improvement Program or STIP. The TIP makes progress toward achieving the RVTPO’s adopted performance measure targets as shown in the **System Performance Report Attachment**.

Public and Stakeholder Involvement

In accordance with the RVTPO’s Public Participation Plan, the public has been afforded several opportunities to comment upon the development of the TIP. For more information on the public engagement process for the TIP, please refer to the **Public Engagement Summary**.

The Comprehensive, Continuing, Cooperative, or “3C” Process of the RVTPO, provides a natural mechanism by which the TIP can be carefully reviewed and updated. Changes to the TIP are handled via administrative adjustments for minor changes or amendments for major changes to ungrouped projects or a project grouping category as described in the **Amendments/Adjustments Process**. Amendments to the TIP also offer the opportunity for public involvement.

The Greater Roanoke Transit Company (d.b.a. Valley Metro) satisfies the public hearing requirements per FTA Circular 9030.1E through the Transportation Improvement Program (TIP) development process of the RVTPO. The TIP public notice of public involvement activities and time established for public review

and comment on the TIP meets the requirements for the Program of Projects of the Urbanized Area Formula Program as outlined in 49 U.S.C. 5307. The FTA Circular 9030.1E, allows the RVTPO public participation requirements for the TIP to be used in lieu of a local process when developing the required FTA Program of Projects (POP). A POP is a list or program of projects utilizing FTA funds. The first year of an approved TIP constitutes a list of "agreed to" projects for FTA purposes. To make it clear to the public, the public notice for the POP will state the TIP process is being used and it satisfies the FTA public involvement requirements for developing a POP. Before any Section 5307 or Section 5339 projects are added to the TIP, a public hearing is advertised, allowing comments on the proposed POP. Once that process is complete, projects are approved for the TIP by the RVTPO Policy Board, through a recommendation of its Transportation Technical Committee.

Ungrouped vs. Grouped Projects

The TIP lists some individual (ungrouped) projects whereas most funded projects are grouped together as part of a grouping category. The grouping of funded projects allows flexibility to make funding adjustments more easily to projects that don't merit the need for oversight and public involvement thus reducing paperwork. These projects may be grouped by function, work type, and/or geographic area using applicable classifications under [23 CFR 771.117\(c\) and \(d\)](#).

The RVTPO, VDOT, and DRPT coordinate on grouping or ungrouping projects every three years during the TIP development process or as needed in the years between during the amendment/adjustment process.

Grouping of Funded Roadway/Bicycle/Pedestrian/Rail Projects

No funded roadway/bicycle/pedestrian projects in the RVTPO area are considered to be regionally significant by the Virginia Department of Transportation because the Roanoke Valley is in an air quality attainment region, and none of the projects need to be analyzed for air quality conformity. Regional significance is defined differently by the federal definition and by the adopted RVTPO definition, but the state interpretation is what is being applied in this Transportation Improvement Program (TIP). Moreover, as defined in [23 CFR 450.104](#), regionally significant projects exclude those that may be grouped in the TIP. Therefore, the majority of projects in the FFY24-27 TIP are not regionally significant based upon this regulation.

The FHWA and FTA give the RVTPO the ability to determine how much planned federal obligation funding information it wishes to exercise oversight for in the TIP. By grouping most roadway/bicycle/pedestrian/rail projects, the RVTPO will only be notified by VDOT if the total group cost estimate exceeds allowable overrun amounts upon which it would need to be approved by the Board with consideration of public comment. As such, the RVTPO will not monitor annual planned federal obligations and schedule information for virtually all roadway/bicycle/pedestrian/rail projects in the region.

RVTPO FFY24-27 Roadway/Bicycle/Pedestrian/Rail Total Cost Estimate by Project Groupings

Project Grouping Category	Total Cost Estimate of Group
Construction: Bridge Rehabilitation/Replacement/Reconstruction	\$43,170,414
Construction: Federal Lands Highway	\$1,733,750
Construction: Safety/ITS/Operational Improvements	\$1,093,287,898
Construction: Transportation Enhancement/Byway/Non-Traditional	\$73,727,803
Maintenance: Preventive Maintenance and System Preservation	\$104,336,573
Maintenance: Preventive Maintenance for Bridges	\$19,518,165
Maintenance: Traffic and Safety Operations	\$11,824,327

Ungrouped Funded Roadway/Bicycle/Pedestrian/Rail Projects

One project required more environmental analysis, not related to air quality, and for that reason VDOT has requested it be listed individually or ungrouped in the TIP. RVTPO staff will track planned obligations and schedule for this project as information is provided by VDOT.

Ungrouped Project: (Note: VDOT to provide updated annual planned obligations for FFY24-27 by mid-January 2023.)

UPC NO	688	SCOPE	Reconstruction w/o Added Capacity			
SYSTEM	Urban	JURISDICTION	Roanoke		OVERSIGHT	NFO
PROJECT	13TH STREET IMPROVEMENTS				ADMIN BY	VDOT
DESCRIPTION	FROM: .046 MILE SOUTH OF CHURCH AVENUE TO: INT. OF NORFOLK AVENUE (0.2443 MI)					
ROUTE/STREET	13TH ST (U000)				TOTAL COST	\$25,294,957
	FUND SOURCE	MATCH	FY24	FY25	FY26	FY27
CN	Federal – NHS/NHPP	\$0	\$3,074,186	\$0	\$0	\$0
	Federal – STP/STBG	\$59,323	\$237,291	\$0	\$0	\$0
	Other	\$450,619	\$450,619	\$0	\$0	\$0
CN TOTAL		\$509,942	\$3,762,096	\$0	\$0	\$0
CN AC	Federal – AC OTHER	\$0	\$3,172,621	\$0	\$0	\$0

Items Included for Administrative Purposes

The following non-project items are administrative in nature and are shown separately from ungrouped projects. This list includes GARVEE bond debt service for projects currently in the TIP.

UPC NO	110395		SCOPE			
SYSTEM	Interstate	JURISDICTION	Roanoke County		OVERSIGHT	NFO
PROJECT	#HB2 FY17 I-81 AUX LN FR EXIT 141 - 143 GARVEE DEBT SERVICE				ADMIN BY	VDOT
DESCRIPTION						
PROGRAM NOTE	Includes \$3,480,347 GARVEE Debt Service Interest Prev, \$695,246 FFY24 GARVEE Debt Service Interest, \$667,675 GARVEE Debt Service Interest FFY25, \$607,737 GARVEE Debt Service Interest FFY26, \$544,853 GARVEE Debt Service Interest FFY27, \$2,140,800 GARVEE Debt Service Interest FFY28-38. Total GARVEE Debt Service Interest \$8,136,658. Corresponding CN UPC 108906.					
ROUTE/STREET	0081				TOTAL COST	\$16,827,213
	FUND SOURCE	MATCH	FY24	FY25	FY26	FY27
PE	Federal – AC CONVERSION	\$0	\$0	\$667,675	\$607,737	\$544,853
RW	Federal – NHS/NHPP	\$0	\$695,246	\$0	\$0	\$0
CN TOTAL		\$0	\$695,246	\$667,675	\$607,737	\$544,853
PE AC	Federal – AC	\$0	\$3,961,065	\$0	\$0	\$0

UPC NO	111983		SCOPE			
SYSTEM	Interstate	JURISDICTION	Roanoke County		OVERSIGHT	NFO
PROJECT	#SMART18 – 81 SB Aux Ln frm Exit 143 -141 GARVEE Debt Service				ADMIN BY	VDOT
DESCRIPTION						
PROGRAM NOTE	Includes \$424,071 FFY24 GARVEE Debt Service Interest, \$464,749 GARVEE Debt Service Interest FFY25, \$439,246 GARVEE Debt Service Interest FFY26, \$412,640 GARVEE Debt Service Interest FFY27, \$2,418,619 GARVEE Debt Service Interest FFY28-38. Total GARVEE Debt Service Interest \$4,159,325. Corresponding CN UPC 111373.					
ROUTE/STREET	0081				TOTAL COST	\$5,791,593
	FUND SOURCE	MATCH	FY24	FY25	FY26	FY27
PE	Federal – AC CONVERSION	\$0	\$0	\$464,749	\$439,246	\$412,640
RW	Federal – NHS/NHPP	\$0	\$424,071	\$0	\$0	\$0
CN TOTAL		\$0	\$424,071	\$464,749	\$439,246	\$412,640
PE AC	Federal – AC	\$0	\$3,735,254	\$0	\$0	\$0

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UPC NO	121433	SCOPE				
SYSTEM	Primary	JURISDICTION	Roanoke County	OVERSIGHT	NFO	
PROJECT	#SMART20 RTE 419&220 DIVERGING DIAMOND GARVEE DEBT SERVICE			ADMIN BY	VDOT	
DESCRIPTION	FROM: 0.5 Mi. W. Rte. 220 TO: 0.23 Mi. E.. Rte. 220 (0.7300 MI)					
PROGRAM NOTE	Includes \$108,628 GARVEE Debt Service Interest FFY24, \$119,047 GARVEE Debt Service Interest FFY25, \$112,515 GARVEE Debt Service Interest FFY26, \$105,700 GARVEE Debt Service Interest FFY27, \$619,539 GARVEE Debt Service Interest FFY28-38, Total GARVEE Debt Service Interest \$1,065,429. Corresponding CN UPC 115460					
ROUTE/STREET	ELECTRIC ROAD (0419)			TOTAL COST	\$1,213,841	
	FUND SOURCE	MATCH	FY24	FY25	FY26	FY27
PE	Federal – AC CONVERSION	\$0	\$0	\$119,047	\$112,515	\$105,700
RW	Federal – NHS/NHPP	\$0	\$108,628	\$0	\$0	\$0
CN TOTAL		\$0	\$108,628	\$119,047	\$112,515	\$105,700
PE AC	Federal – AC	\$0	\$956,801	\$0	\$0	\$0

Ungrouped Funded Transit Projects and Services

Upon agreement by the FTA, DRPT, FHWA, and VDOT, the RVTPO Policy Board tracks and is requested to provide oversight over annual planned federal obligations for all transit projects. The ungrouped transit projects included in the FFY24-27 TIP are displayed in the following project sheets. For more detail on the information provided in the transit project sheets, as well as the most common federal funding programs for transit projects, or to better understand grouped and ungrouped projects, please refer to the **Acronyms/Definitions Attachment**. Any administrative adjustments or amendments to grouped or ungrouped projects will be noted in the **Amendments/Adjustments Summary Attachment**.

Summary of Ungrouped Transit Projects

State ID	Locality	RVTPO Title	Description
GRT0001	City of Roanoke	VM Fixed-Routes: 11, 12, 15, 16, 21, 22, 25, 26, 31, 32, 35, 36, 41, 42, 51, 52, 55, 56, 61, 62, 65, 66, 71, 72, 75, 76, 85, 86, 91, 92. SmartWay: Base, Express and Connector. Starline Trolley.	See the list of all fixed-route buses, SmartWay Base, Express and Connector and Starline Trolley.
GRT0002	City of Roanoke	Preventative Maintenance for Valley Metro Vehicles	Maintenance to keep vehicles/equipment running smoothly.
GRT0003	City of Roanoke	Replace Valley Metro transit vehicles	Fixed-route buses and paratransit service vehicles utilized by RADAR under contract to Valley Metro.
GRT0004	City of Roanoke	Valley Metro Support Vehicles	These are vehicles used by supervisors, dispatch, maintenance, admin, etc. that support the service but don't carry passengers.
GRT0005	City of Roanoke	Bus Stop Enhancements	Bus stop amenities may include trashcans, lights, benches, or shelters. The specific stops have not been identified.
GRT0006	City of Roanoke	Construction Maintenance Service Lot	A construction maintenance service lot designed for vehicles, equipment, and other maintenance related activities at Valley Metro.
GRT0007	City of Roanoke	ADP Software	Purchase of Automated Data Processing software of administrative purposes at Valley Metro.
GRT0008	Systemwide	Shop Equipment	Equipment used to maintain buses and non-bus support vehicles.
GRT0009	Systemwide	Electric Charging Infrastructure	Electric charging stations and equipment designed to accommodate future electric bus purchases.
RAD0001	Roanoke County	Purchase of RADAR paratransit vehicles	Capital assistance to support transportation for people with disabilities in the City of Roanoke, City of Salem, and the Town of Vinton beyond the 3/4-mile area around fixed routes to destinations within those localities.
ROA0001	Roanoke County	CORTRAN turnkey third-party provided operating assistance	Operating assistance for Via Transportation, Inc. under contract with Roanoke County to provide on-demand transit services for Roanoke County residents 70+ or of any age with a disability.

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Summary of Ungrouped Transit Project's Planned Obligations

		FY 2024	FY 2025	FY 2026	FY 2027	Total FY 2024-2027	
ROANOKE VALLEY AREA METROPOLITAN PLANNING ORGANIZATION							
STIP ID:	GRT0001	Title: Operating Assistance			Recipient: Greater Roanoke Transit Company		
FTA 5307		5,742,398	2,696,481	2,696,481	2,696,481	FTA 5307	13,831,841
FTA 5311		354,000	354,000	354,000	354,000	FTA 5311	1,416,000
State		3,100,000	3,100,000	3,100,000	3,100,000	State	12,400,000
Local		1,700,000	1,700,000	1,700,000	1,700,000	Local	6,800,000
Revenues		2,314,000	2,314,000	2,314,000	2,314,000	Revenues	9,256,000
Year Total:		13,210,398	10,164,481	10,164,481	10,164,481	Total Funds:	43,703,841
STIP ID: GRT0002 Title: Preventative Maintenance Recipient: Greater Roanoke Transit Company							
FTA 5307		719,062	719,062	719,062	719,062	FTA 5307	2,876,248
State		-	-	-	-	State	-
Local		179,765	179,765	179,765	179,765	Local	719,060
Year Total:	-	898,827	898,827	898,827	898,827	Total Funds:	3,595,308
STIP ID: GRT0003 Title: Replacement Bus Recipient: Greater Roanoke Transit Company							
FTA 5339			97,200			FTA 5339	97,200
FTA 5307				1,036,000	1,036,000	FTA 5307	2,072,000
STBG		4,768,121				STBG	4,768,121
State		1,192,031	248,400	2,516,000	2,516,000	State	6,472,431
Local			14,400	148,000	148,000	Local	310,400
Year Total:	-	5,960,152	360,000	3,700,000	3,700,000	Total Funds:	13,720,152
STIP ID: GRT0004 Title: Support Vehicles Recipient: Greater Roanoke Transit Company							
FTA 5339		48,000	48,000	48,000	48,000	FTA 5339	192,000
Flexible STP						Flexible STP	-
State		6,000	6,000	6,000	6,000	State	24,000
Local		6,000	6,000	6,000	6,000	Local	24,000
Year Total:	-	60,000	60,000	60,000	60,000	Total Funds:	240,000
STIP ID: GRT0005 Title: Bus Stop Enhancements Recipient: Greater Roanoke Transit Company							
FTA 5339		40,500	40,500	40,500	40,500	FTA 5339	162,000
State		103,500	103,500	103,500	103,500	State	414,000
Local		6,000	6,000	6,000	6,000	Local	24,000
Year Total:	-	150,000	150,000	150,000	150,000	Total Funds:	600,000
STIP ID: GRT0006 Title: Construction Maintenance Service Lot Recipient: Greater Roanoke Transit Company							
FTA 5339			680,000			FTA 5339	680,000
STBG						STBG	-
State			280,000			State	280,000
Local			40,000			Local	40,000
Year Total:	-	-	1,000,000	-	-	Total Funds:	1,000,000
Description:							
STIP ID: GRT0007 Title: ADP Hardware Recipient: Greater Roanoke Transit Company							
FTA 5339		4,000	4,000	4,000	4,000	FTA 5339	16,000
State						State	-
Local		1,000	1,000	1,000	1,000	Local	4,000
Year Total:	-	5,000	5,000	5,000	5,000	Total Funds:	20,000
Description:							
STIP ID: GRT0008 Title: Shop Equipment Recipient: Greater Roanoke Transit Company							
FTA 5339		5,400	5,400	5,400	5,400	FTA 5339	21,600
State		13,800	13,800	13,800	13,800	State	55,200
Local		800	800	800	800	Local	3,200
Year Total:	-	20,000	20,000	20,000	20,000	Total Funds:	80,000

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		FY 2024	FY 2025	FY 2026	FY 2027	Total FY 2024-2027	
STIP ID: GRT0009		Title: Electric Charging Infrastructure			Recipient: Greater Roanoke Transit Company		
FTA 5307				140,000		FTA 5307	140,000
State				340,000		State	340,000
Local				20,000		Local	20,000
Year Total:	-	-	-	500,000	-	Total Funds:	500,000
STIP ID: RAD0001		Title: Paratransit Vehicles			Recipient: RADAR - UHSTS, Inc. Roanoke County		
FTA 5310		128,000	128,000	128,000	128,000	FTA 5310	512,000
State						State	-
Local		32,000	32,000	32,000	32,000	Local	128,000
Year Total:	-	160,000	160,000	160,000	160,000	Total Funds:	640,000
STIP ID: ROA0001		Title: Capital Assistance			Recipient: County of Roanoke		
FTA 5310		240,000	240,000	240,000	240,000	FTA 5310	960,000
State		48,000	48,000	48,000	48,000	State	192,000
Local		12,000	12,000	12,000	12,000	Local	48,000
Year Total:	-	300,000	300,000	300,000	300,000	Total Funds:	1,200,000

Funding for the TIP

The TIP financial plan summarizes by year and by funding source the projected and planned obligation authority of VDOT for fiscal years 2024-2027. Funding for transit projects are listed on the transit project sheets. The following tables show that the program is financially constrained by year. These revenue sources are all reasonably expected to be made available and committed to the project phase during the programmed year of the TIP.

RVTPO Federal Funding Categories and Fiscal Constraint by Year: Roadway, Bicycle and Pedestrian Projects, FFY 2024-2027

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RVTPO Federal Funding Categories and Fiscal Constraint Summary by Transit Agency

Greater Roanoke Transit Company	FFY 2024	FFY 2025	FFY 2026	FFY 2027	TOTAL FFY 2024-2027	
FTA 5307	6,461,460	3,415,543	4,591,543	4,451,543	FTA 5307	18,920,089
FTA 5309	-	-	-	-	FTA 5309	-
FTA 5310	-	-	-	-	FTA 5310	-
FTA 5311	354,000	354,000	354,000	354,000	FTA 5311	1,416,000
FTA 5314	-	-	-	-	FTA 5314	-
FTA 5337	-	-	-	-	FTA 5337	-
FTA 5339	97,900	875,100	97,900	97,900	FTA 5339	1,168,800
FTA ADTAP	-	-	-	-	FTA ADTAP	-
FTA DPF	-	-	-	-	FTA DPF	-
FTA TIGER	-	-	-	-	FTA TIGER	-
FBD	-	-	-	-	FBD	-
Flexible STP	-	-	-	-	Flexible STP	-
STBG	4,768,121	-	-	-	STBG	4,768,121
FHWA TAP	-	-	-	-	FHWA TAP	-
Other Federal	-	-	-	-	Other Federal	-
State	4,415,331	3,751,700	6,079,300	5,739,300	State	19,985,631
Local	1,893,565	1,947,965	2,061,565	2,041,565	Local	7,944,660
Revenues	2,314,000	2,314,000	2,314,000	2,314,000	Revenues	9,256,000
Totals	-	20,304,377	12,658,308	15,498,308		63,459,301
RADAR - UHSTS, Inc. Roanoke County	FFY 2024	FFY 2025	FFY 2026	FFY 2027	TOTAL FFY 2024-2027	
FTA 5307	-	-	-	-	FTA 5307	-
FTA 5309	-	-	-	-	FTA 5309	-
FTA 5310	128,000	128,000	128,000	128,000	FTA 5310	512,000
FTA 5311	-	-	-	-	FTA 5311	-
FTA 5314	-	-	-	-	FTA 5314	-
FTA 5337	-	-	-	-	FTA 5337	-
FTA 5339	-	-	-	-	FTA 5339	-
FTA ADTAP	-	-	-	-	FTA ADTAP	-
FTA DPF	-	-	-	-	FTA DPF	-
FTA TIGER	-	-	-	-	FTA TIGER	-
FBD	-	-	-	-	FBD	-
Flexible STP	-	-	-	-	Flexible STP	-
STBG	-	-	-	-	STBG	-
FHWA TAP	-	-	-	-	FHWA TAP	-
Other Federal	-	-	-	-	Other Federal	-
State	-	-	-	-	State	-
Local	32,000	32,000	32,000	32,000	Local	128,000
Revenues	-	-	-	-	Revenues	-
Totals	-	160,000	160,000	160,000		640,000
County of Roanoke	FFY 2024	FFY 2025	FFY 2026	FFY 2027	TOTAL FFY 2024-2027	
FTA 5307	-	-	-	-	FTA 5307	-
FTA 5309	-	-	-	-	FTA 5309	-
FTA 5310	240,000	240,000	240,000	240,000	FTA 5310	960,000
FTA 5311	-	-	-	-	FTA 5311	-
FTA 5314	-	-	-	-	FTA 5314	-
FTA 5337	-	-	-	-	FTA 5337	-
FTA 5339	-	-	-	-	FTA 5339	-
FTA ADTAP	-	-	-	-	FTA ADTAP	-
FTA DPF	-	-	-	-	FTA DPF	-
FTA TIGER	-	-	-	-	FTA TIGER	-
FBD	-	-	-	-	FBD	-
Flexible STP	-	-	-	-	Flexible STP	-
STBG	-	-	-	-	STBG	-
FHWA TAP	-	-	-	-	FHWA TAP	-
Other Federal	-	-	-	-	Other Federal	-
State	48,000	48,000	48,000	48,000	State	192,000
Local	12,000	12,000	12,000	12,000	Local	48,000
Revenues	-	-	-	-	Revenues	-
Totals	-	300,000	300,000	300,000		1,200,000

Roanoke Valley TPO		FFY 2024	FFY 2025	FFY 2026	FFY 2027	TOTAL FFY 2024-2027	
FTA 5307		6,461,460	3,415,543	4,591,543	4,451,543	FTA 5307	18,920,089
FTA 5309		-	-	-	-	FTA 5309	-
FTA 5310		368,000	368,000	368,000	368,000	FTA 5310	1,472,000
FTA 5311		354,000	354,000	354,000	354,000	FTA 5311	1,416,000
FTA 5314		-	-	-	-	FTA 5314	-
FTA 5337		-	-	-	-	FTA 5337	-
FTA 5339		97,900	875,100	97,900	97,900	FTA 5339	1,168,800
FTA ADTAP		-	-	-	-	FTA ADTAP	-
FTA DPF		-	-	-	-	FTA DPF	-
FTA TIGER		-	-	-	-	FTA TIGER	-
FBD		-	-	-	-	FBD	-
Flexible STP		-	-	-	-	Flexible STP	-
STBG		4,768,121	-	-	-	STBG	4,768,121
FHWA TAP		-	-	-	-	FHWA TAP	-
Other Federal		-	-	-	-	Other Federal	-
State		4,463,331	3,799,700	6,127,300	5,787,300	State	20,177,631
Local		1,937,565	1,991,965	2,105,565	2,085,565	Local	8,120,660
Revenues		2,314,000	2,314,000	2,314,000	2,314,000	Revenues	9,256,000
Totals	-	20,764,377	13,118,308	15,958,308	15,458,308		65,299,301

As illustrated in the previous tables, there are a number of federal funding sources with which projects/services/studies could be and are funded. Please refer to **Acronyms/Definitions Attachment** for more information on the most common federal funding programs. Funded projects make up the first part of the region’s transportation financial plan followed by the second part of unfunded projects to be pursued. Project details are included in the Roanoke Valley Transportation Plan for each RVTPO approved project eligible for funding through the TIP.

Performance Measures Targets

Beginning in 2018, and pursuant to 23 CFR §450.306(d)(2), each MPO shall establish performance targets that address the performance measures or standards established under 23 CFR part 490 to use in tracking progress toward attainment of critical outcomes for the MPO region.

Beginning in the fall of 2017, the RVTPO has coordinated with VDOT, DRPT, Valley Metro, RADAR, the Federal Highway Administration, and the Federal Transit Administration to set and adopt performance measure targets. The target establishment dates vary based on the effective date of the federal Final Rule, the establishment of state targets by VDOT (no later than one year following effective date of Final Rule), and the development or acceptance of VDOT targets by the MPO (no later than 180 days after VDOT target is set). Regarding the performance measures targets and their relationship to the TIP, and pursuant to 23 CFR §450.326(c) and (d):

(c) The TIP shall be designed such that once implemented, it makes progress toward achieving the performance targets established under §450.306(d).

(d) The TIP shall include, to the maximum extent practicable, a description of the anticipated effect of the TIP toward achieving the performance targets identified in the metropolitan transportation plan, linking investment priorities to those performance targets.

Metropolitan Planning Organizations have the option to create their own Performance Targets or adopt those developed by VDOT. The RVTPO has historically adopted the VDOT and VDRPT targets for the required performance measures applicable to the RVTPO study area. The 2045 Roanoke Valley Transportation Plan includes a discussion of the performance measures and targets. Additionally, refer to the **System Performance Report Attachment** for a system performance report current to the time of most recent RVTTP adoption.

Roanoke MPO Interstate Projects

UPC NO	120396	SCOPE				
SYSTEM	Interstate	JURISDICTION	Statewide		OVERSIGHT	NFO
PROJECT	#OTHERINT - I-77 OPERATIONAL IMPROVEMENTS - TRIP				ADMIN BY	VDOT
DESCRIPTION	FROM: VARIOUS TO: VARIOUS					
ROUTE/STREET	0077				TOTAL COST	\$150,000
	FUND SOURCE	MATCH	FY24	FY25	FY26	FY27
CN AC	Federal - AC OTHER	\$0	\$150,000	\$0	\$0	\$0

UPC NO	110395	SCOPE				
SYSTEM	Interstate	JURISDICTION	Roanoke County		OVERSIGHT	NFO
PROJECT	#HB2.FY17 I-81 AUX LN FR EXIT 141 -143 GARVEE DEBT SERVICE				ADMIN BY	VDOT
DESCRIPTION						
PROGRAM NOTE	Includes \$3,480,347 GARVEE Debt Service Interest Prev, \$695,246 FFY24 GARVEE Debt Service Interest, \$667,675 GARVEE Debt Service Interest FFY25, \$607,737 GARVEE Debt Service Interest FFY26, \$544,853 GARVEE Debt Service Interest FFY27, \$2,140,800 GARVEE Debt Service Interest FFY28-38. Total GARVEE Debt Service Interest \$8,136,658. Corresponding CN UPC 108906.					
ROUTE/STREET	0081				TOTAL COST	\$16,827,213
	FUND SOURCE	MATCH	FY24	FY25	FY26	FY27
PE	Federal - AC CONVERSION	\$0	\$0	\$667,675	\$607,737	\$544,853
	Federal - NHS/NHPP	\$0	\$695,246	\$0	\$0	\$0
PE TOTAL		\$0	\$695,246	\$667,675	\$607,737	\$544,853
PE AC	Federal - AC	\$0	\$3,961,065	\$0	\$0	\$0

UPC NO	111983	SCOPE				
SYSTEM	Interstate	JURISDICTION	Roanoke County		OVERSIGHT	NFO
PROJECT	#SMART18 - 81 SB Aux Ln frm Exit 143-141 GARVEE Debt Service				ADMIN BY	VDOT
DESCRIPTION						
PROGRAM NOTE	Includes \$424,071 FFY24 GARVEE Debt Service Interest, \$464,749 GARVEE Debt Service Interest FFY25, \$439,246 GARVEE Debt Service Interest FFY26, \$412,640 GARVEE Debt Service Interest FFY27, \$2,418,619 GARVEE Debt Service Interest FFY28-38. Total GARVEE Debt Service Interest \$4,159,325. Corresponding CN UPC 111373.					
ROUTE/STREET	0081				TOTAL COST	\$5,791,593
	FUND SOURCE	MATCH	FY24	FY25	FY26	FY27
PE	Federal - AC CONVERSION	\$0	\$0	\$464,749	\$439,246	\$412,640
	Federal - NHS/NHPP	\$0	\$424,071	\$0	\$0	\$0
PE TOTAL		\$0	\$424,071	\$464,749	\$439,246	\$412,640
PE AC	Federal - AC	\$0	\$3,735,254	\$0	\$0	\$0

UPC NO	117220	SCOPE	Safety			
SYSTEM	Interstate	JURISDICTION	Statewide		OVERSIGHT	NFO
PROJECT	#ITTF21 I-81 OPERATIONAL IMPROVEMENTS - PROGRAM UPC				ADMIN BY	VDOT
DESCRIPTION	FROM: Various TO: Various					
ROUTE/STREET	0081				TOTAL COST	\$9,618,000
	FUND SOURCE	MATCH	FY24	FY25	FY26	FY27
PE	Federal - NHS/NHPP	\$0	\$118,206	\$0	\$0	\$0
PE AC	Federal - AC OTHER	\$0	\$9,499,794	\$0	\$0	\$0

UPC NO	115869	SCOPE	Safety			
SYSTEM	Interstate	JURISDICTION	Statewide		OVERSIGHT	NFO
PROJECT	#ITTF20 STATEWIDE TECHNOLOGY FOR OPERATIONS				ADMIN BY	VDOT
DESCRIPTION	FROM: Various TO: Various					
ROUTE/STREET	9999				TOTAL COST	\$2,000,000
	FUND SOURCE	MATCH	FY24	FY25	FY26	FY27
PE	Federal - NHS/NHPP	\$0	\$913,491	\$0	\$0	\$0
PE AC	Federal - AC OTHER	\$0	\$1,086,509	\$0	\$0	\$0

Roanoke MPO Primary Projects

UPC NO	T24740	SCOPE	Safety			
SYSTEM	Primary	JURISDICTION	Botetourt County		OVERSIGHT	NFO
PROJECT	Route 220 Superstreet Improvement				ADMIN BY	VDOT
DESCRIPTION	FROM: Tinker Mountain Dr TO: Catawba Rd (0.8000 MI)					
ROUTE/STREET	ROANOKE ROAD (0220)				TOTAL COST	\$15,460,811
	FUND SOURCE	MATCH	FY24	FY25	FY26	FY27
		\$0	\$0	\$0	\$0	\$0

UPC NO	121433	SCOPE				
SYSTEM	Primary	JURISDICTION	Roanoke County		OVERSIGHT	NFO
PROJECT	#SMART20 RTE 419&220 DIVERGING DIAMOND GARVEE DEBT SERVICE				ADMIN BY	VDOT
DESCRIPTION	FROM: 0.5 Mi. W. Rte. 220 TO: 0.23 Mi. E.. Rte. 220 (0.7300 MI)					
PROGRAM NOTE	Includes \$108,628 GARVEE Debt Service Interest FFY24, \$119,047 GARVEE Debt Service Interest FFY25, \$112,515 GARVEE Debt Service Interest FFY26, \$105,700 GARVEE Debt Service Interest FFY27, \$619,539 GARVEE Debt Service Interest FFY28-38, Total GARVEE Debt Service Interest \$1,065,429. Corresponding CN UPC 115460					
ROUTE/STREET	ELECTRIC ROAD (0419)				TOTAL COST	\$1,213,841
	FUND SOURCE	MATCH	FY24	FY25	FY26	FY27
PE	Federal - AC CONVERSION	\$0	\$0	\$119,047	\$112,515	\$105,700
	Federal - NHS/NHPP	\$0	\$108,628	\$0	\$0	\$0
PE TOTAL		\$0	\$108,628	\$119,047	\$112,515	\$105,700
PE AC	Federal - AC	\$0	\$956,801	\$0	\$0	\$0

UPC NO	T26754	SCOPE	Reconstruction w/ Added Capacity			
SYSTEM	Primary	JURISDICTION	Multi-jurisdictional: Roanoke MPO		OVERSIGHT	NFO
PROJECT	I-581-Exit 2 (PETERS CREEK RD) INTERCHANGE IMPROVEMENTS PH 1				ADMIN BY	VDOT
DESCRIPTION	FROM: Peters Creek Road TO: Valleypointe Parkway intersection					
ROUTE/STREET	I-581 AT EXIT 2 (0581)				TOTAL COST	\$16,997,515
	FUND SOURCE	MATCH	FY24	FY25	FY26	FY27
		\$0	\$0	\$0	\$0	\$0

Roanoke MPO

Urban Projects

UPC NO	688	SCOPE	Reconstruction w/o Added Capacity			
SYSTEM	Urban	JURISDICTION	Roanoke	OVERSIGHT	NFO	
PROJECT	13TH STREET IMPROVEMENTS			ADMIN BY	VDOT	
DESCRIPTION	FROM: .046 MILE SOUTH OF CHURCH AVENUE TO: INT. OF NORFOLK AVENUE (0.2443 MI)					
ROUTE/STREET	13TH ST (U000)			TOTAL COST	\$25,294,957	
	FUND SOURCE	MATCH	FY24	FY25	FY26	FY27
CN	Federal - NHS/NHPP	\$0	\$3,074,186	\$0	\$0	\$0
	Federal - STP/STBG	\$59,323	\$237,291	\$0	\$0	\$0
	Other	\$450,619	\$450,619	\$0	\$0	\$0
CN TOTAL		\$509,942	\$3,762,096	\$0	\$0	\$0
CN AC	Federal - AC OTHER	\$0	\$3,172,621	\$0	\$0	\$0

Roanoke MPO Project Groupings

GROUPING		Construction : Bridge Rehabilitation/Replacement/Reconstruction					
ROUTE/STREET						TOTAL COST	\$43,170,414
	FUND SOURCE	MATCH	FY24	FY25	FY26	FY27	
CN	Federal - BR	\$201,074	\$804,297	\$0	\$0	\$0	
	Federal - STP/STBG	\$68,976	\$275,902	\$0	\$0	\$0	
CN TOTAL		\$270,050	\$1,080,199	\$0	\$0	\$0	
CN AC	Federal - AC OTHER	\$0	\$8,362,745	\$0	\$0	\$0	

GROUPING		Construction : Federal Lands Highway					
ROUTE/STREET						TOTAL COST	\$1,733,750
	FUND SOURCE	MATCH	FY24	FY25	FY26	FY27	
		\$0	\$0	\$0	\$0	\$0	

GROUPING		Construction : Rail					
ROUTE/STREET						TOTAL COST	
	FUND SOURCE	MATCH	FY24	FY25	FY26	FY27	
		\$0	\$0	\$0	\$0	\$0	

GROUPING		Construction : Safety/ITS/Operational Improvements					
ROUTE/STREET						TOTAL COST	\$1,093,287,898
	FUND SOURCE	MATCH	FY24	FY25	FY26	FY27	
PE	Federal - AC CONVERSION	\$185,534	\$1,416,420	\$253,382	\$0	\$0	
	Federal - NHS/NHPP	\$142,607	\$570,428	\$0	\$0	\$0	
	Federal - RSTP	\$16,659	\$66,634	\$0	\$0	\$0	
PE TOTAL		\$344,799	\$2,053,482	\$253,382	\$0	\$0	
PE AC	Federal - AC OTHER	\$0	\$900,000	\$0	\$0	\$0	
RW	Federal - AC CONVERSION	\$542,333	\$1,600,000	\$391,271	\$178,060	\$0	
	Federal - HSIP	\$27,455	\$247,098	\$0	\$0	\$0	
	Federal - NHS/NHPP	\$89,788	\$250,903	\$108,249	\$0	\$0	
	Federal - RSTP	\$536,579	(\$177,384)	\$507,068	\$1,816,631	\$0	
RW TOTAL		\$1,196,155	\$1,920,617	\$1,006,588	\$1,994,691	\$0	
RW AC	Federal - AC OTHER	\$0	\$0	\$222,576	\$0	\$0	
CN	Federal - AC CONVERSION	\$2,962,880	\$0	\$3,610,857	\$3,364,722	\$4,875,941	
	Federal - DEMO	\$411,019	\$1,644,075	\$0	\$0	\$0	
	Federal - HIP/F	\$3,304	\$0	\$13,214	\$0	\$0	
	Federal - HSIP	\$234,484	\$1,743,174	\$367,182	\$0	\$0	
	Federal - NHS/NHPP	\$1,029,214	\$1,429,096	\$0	\$2,687,759	\$0	
	Federal - RSTP	\$835,671	\$1,173,367	\$0	\$1,763,354	\$405,964	
CN TOTAL		\$5,476,571	\$5,989,712	\$3,991,253	\$7,815,835	\$5,281,905	
CN AC	Federal - AC OTHER	\$0	\$25,001,380	\$7,642,989	\$18,730,025	\$17,826,769	

GROUPING		Construction : Transportation Alternatives/Byway/Non-Traditional					
ROUTE/STREET						TOTAL COST	\$73,727,803
	FUND SOURCE	MATCH	FY24	FY25	FY26	FY27	
PE	Federal - STP/STBG	\$30,316	\$0	\$0	\$121,265	\$0	
RW	Federal - AC CONVERSION	\$3,157	\$0	\$0	\$0	\$12,628	
	Federal - HIP/F	\$57,797	\$8,000	\$223,186	\$0	\$0	
	Federal - NHS/NHPP	\$30,000	\$120,000	\$0	\$0	\$0	
	Federal - RTAP	\$1,116	\$0	\$4,465	\$0	\$0	
	Federal - STP/STBG	\$289,444	\$0	\$0	\$1,157,776	\$0	
RW TOTAL		\$381,514	\$128,000	\$227,651	\$1,157,776	\$12,628	
RW AC	Federal - AC OTHER	\$0	\$0	\$0	\$15,785	\$0	
CN	Federal - AC CONVERSION	\$1,206,835	\$1,067,339	\$0	\$1,760,000	\$2,000,000	
	Federal - HIP/F	\$100,877	\$59,473	\$344,036	\$0	\$0	
	Federal - NHS/NHPP	\$437,062	\$1,748,248	\$0	\$0	\$0	
	Federal - RSTP	\$773,952	\$2,801,250	\$294,556	\$0	\$0	
	Federal - RTAP	\$128,291	\$157,628	\$355,534	\$0	\$0	
	Federal - STP/STBG	\$369,020	\$0	\$60,000	\$1,028,708	\$387,372	
	Federal - TAP/F	\$51,793	\$207,171	\$0	\$0	\$0	
CN TOTAL		\$3,067,829	\$6,041,109	\$1,054,126	\$2,788,708	\$2,387,372	
CN AC	Federal - AC OTHER	\$0	\$2,448,440	\$6,079,953	\$7,756,741	\$2,017,132	

GROUPING		Maintenance : Preventive Maintenance and System Preservation					
PROGRAM NOTE		Funding identified to be obligated districtwide as projects are identified.					
ROUTE/STREET						TOTAL COST	\$104,336,573
	FUND SOURCE	MATCH	FY24	FY25	FY26	FY27	
CN	Federal - NHFP	\$0	\$2,981,154	\$2,981,154	\$2,981,154	\$2,981,154	
	Federal - NHS/NHPP	\$0	\$2,049,832	\$2,049,832	\$2,049,832	\$2,049,832	
	Federal - STP/STBG	\$0	\$20,922,848	\$21,008,743	\$21,096,099	\$21,184,939	
CN TOTAL		\$0	\$25,953,834	\$26,039,729	\$26,127,085	\$26,215,925	

GROUPING		Maintenance : Preventive Maintenance for Bridges					
PROGRAM NOTE		Funding identified to be obligated districtwide as projects are identified.					
ROUTE/STREET						TOTAL COST	\$77,508,932
	FUND SOURCE	MATCH	FY24	FY25	FY26	FY27	
CN	Federal - AC CONVERSION	\$0	\$145,000	\$1,428,329	\$0	\$0	
	Federal - BR	\$0	\$705,620	\$6,450,972	\$19,947,300	\$11,502,750	
	Federal - NHFP	\$0	\$1,166,078	\$1,166,078	\$1,166,078	\$1,166,078	
	Federal - NHS/NHPP	\$0	\$1,350,842	\$7,381,798	\$1,350,842	\$1,350,842	
	Federal - STP/STBG	\$0	\$3,536,160	\$6,248,910	\$3,558,309	\$3,569,666	
CN TOTAL		\$0	\$6,903,700	\$22,676,087	\$26,022,529	\$17,589,336	
CN AC	Federal - AC OTHER	\$0	\$3,078,000	\$1,239,280	\$0	\$0	

GROUPING		Maintenance : Traffic and Safety Operations				
PROGRAM NOTE		Funding identified to be obligated districtwide as projects are identified.				
ROUTE/STREET					TOTAL COST	\$11,824,327
	FUND SOURCE	MATCH	FY24	FY25	FY26	FY27
CN	Federal - NHS/NHPP	\$0	\$1,278,114	\$1,278,114	\$1,278,114	\$1,278,114
	Federal - STP/STBG	\$0	\$1,667,582	\$1,674,428	\$1,681,390	\$1,688,471
CN TOTAL		\$0	\$2,945,696	\$2,952,542	\$2,959,504	\$2,966,585

GROUPING		Transit : Vehicles				
ROUTE/STREET					TOTAL COST	
	FUND SOURCE	MATCH	FY24	FY25	FY26	FY27
		\$0	\$0	\$0	\$0	\$0

Appendix A

Projects by Grouping

Roanoke MPO

Construction : Bridge Rehabilitation/Replacement/Reconstruction

	System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Miscellaneous	T19000	Salem District-wide	0000		\$0
			BRIDGE REHABILITATION/REPLACEMENT		
Primary	77305	Roanoke County	0116		\$7,146,737
			RTE. 116 OVER BACK CREEK (STR. 14928) - BRIDGE REPLACEMENT		
			FROM: 0.293 MILE SOUTH ROUTE 945 TO: 0.564 MILE SOUTH ROUTE 945 (0.3100 MI)		
Primary	82193	Roanoke County	0220		\$18,885,090
			RTE. 220 OVER BACK CREEK (STR. 14935) - BRIDGE REPLACEMENT		
			FROM: 0.199 MI SOUTH OF ROUTE 657 TO: 0.311 MI NORTH OF ROUTE 657 (0.5310 MI)		
Primary	94726	Roanoke County	0221		\$2,995,503
			RTE. 221 OVER MARTINS CREEK (STR. 14945) - BRIDGE REPLACEMENT		
			FROM: 0.03 mi S. Int Rte 696 TO: 0.07 mi N. Int. Rte 696		
Secondary	110620	Roanoke County		DIUGUIDS LANE (0760)	\$1,941,494
			#SGR18VB - RT 760 OVER ROA.RVR. (STR 15105) - SUPER REPLACE		
			FROM: 0.027 MI. S. INT. RTE. 639 (W. RIVERSIDE DRIVE) TO: 0.068 MI. N. INT. RTE. 639 (W. RIVERSIDE DRIVE)		
Secondary	115473	Roanoke County		STONES KEEP LANE (0813)	\$2,408,770
			#SGR17VB - RT 813 OVER ROANOKE RIVER (STR12363) SUB REPAIRS		
			FROM: 0.10 Mile from Int. Rte. 11/460 TO: 0.18 Mile from Int. Rte. 11/460 (0.0800 MI)		
Urban	110574	Salem		APPERSON DRIVE (0011)	\$9,792,820
			#SGR18LB - APPPERSON DRIVE BRIDGE REPLACEMENT		
			FROM: East Riverside Drive TO: Route 419 - Electric Road (0.0900 MI)		
Construction : Bridge Rehabilitation/Replacement/Reconstruction Total					\$43,170,414

Construction : Federal Lands Highway

	System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Enhancement	110155	Roanoke County	FL16		\$1,733,750
			Roanoke River Greenway - Blue Ridge Pkwy to Explore Park		
			FROM: Blue Ridge Parkway TO: Explore Park (1.7000 MI)		
Construction : Federal Lands Highway Total					\$1,733,750

Construction : Rail

	System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Miscellaneous	T18998	Salem District-wide	0000		\$0
			CN: RAIL		
Construction : Rail Total					\$0

Roanoke MPO

Construction : Safety/ITS/Operational Improvements

	System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Interstate	119446	Statewide	0064		\$0
			I64CIP - PUBLIC SAFETY ADVISORY POINTS INTEGRATIONS		
			FROM: various TO: various		
Interstate	108906	Roanoke County	I-81 (0081)		\$22,816,357
			#HB2.FY17 I-81 Auxiliary Lanes from Exit 141 to 143		
			FROM: 0.009 Mi. East of Int. N. Electric Rd TO: 0.026 Mi. West of Int. SBL I-81 Entrance Ramp (2.0000 MI)		
Interstate	111373	Roanoke County	I-81 (0081)		\$11,000,000
			#SMART18 - I-81 SB Auxiliary Lane from Exit 143 to 141		
			FROM: 0.009 Mi. East of Int. N. Electric Rd TO: 0.026 Mi. West of Int. SBL I-81 Entrance Ramp (2.0000 MI)		
Interstate	116197	Roanoke County	I-81 (0081)		\$265,372,320
			#I81CIP ADD NB LANE EXITS 128 &137 (ID #32)		
			FROM: MM 128 TO: MM 136 (8.8520 MI)		
Interstate	116201	Roanoke County	I-81 (0081)		\$322,157,080
			#I81CIP MM 144 TO EXIT 150 ADDING NB AND SB LANES (ID #40)		
			FROM: MM 144 TO: MM 151 (7.2000 MI)		
Interstate	116203	Roanoke County	I-81 (0081)		\$232,716,987
			#I81CIP MM136 TO MM144 ADD LANE IN EACH DIRECTION (ID #39)		
			FROM: Overpass of Route 641 (MM 136.6) TO: Ramp from NB I-81 to SB I-581 (MM 143.8) (7.0000 MI)		
Interstate	116326	Roanoke County	INTERSTATE 81 (0081)		\$1,598,224
			#I81CIP MAINTENANCE FOR NEW CMS & CAMERAS O&M FY20-27 SALEM		
			FROM: VA/TN STATE LINE TO: BOTETOURT/ROCKBRIDGE COUNTY LINE		
Interstate	116328	Roanoke County	INTERSTATE 81 (0081)		\$188,492
			#I81CIP SWRO MGMT FEE FOR NEW CMS & CAMERAS O&M FY20-27		
			FROM: VA/TN STATE LINE TO: BOTETOURT/ROCKBRIDGE COUNTY LINE		
Interstate	116039	Statewide	0081		\$9,407,380
			#I81CIP DMS INSTALLATION		
			FROM: Various TO: Various		
Interstate	117790	Statewide	0081		\$382,000
			#ITTF21 STUDY OF ADVANCED TECHNOLOGIES -I-81		
			FROM: various TO: various		
Interstate	118899	Statewide	0081		\$8,849,785
			#I81CIP TOWING SERVICES FY22-27 TRIP PROGRAM		
			FROM: Various TO: Various		
Interstate	118193	Statewide	0095		\$5,744,292
			#I95CIP CRO SSP FY23-26		
			FROM: I95 Various TO: I-95 Various		
Interstate	119154	Statewide	0095		\$900,000
			#I95CIP PUBLIC SERVICE ADVISORY(PSP) INTEGRATIONS STATEWIDE		
			FROM: Various TO: Various		
Interstate	119155	Statewide	0095		\$0
			#I95CIP WORK ZONE DEMONSTRATION SAFETY GRANT		
			FROM: various TO: various		
Interstate	113570	Roanoke	I-581 (0581)		\$190,000
			I-581 Exit 2 Interchange Study		
			FROM: I-581 TO: Peters Creek Road		

Roanoke MPO

Construction : Safety/ITS/Operational Improvements

	System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Interstate	T21476	Salem District-wide	VARIOUS (9999)		\$480,000
			Interstate & Primary Cable Guardrail Install-Districtwide		
			FROM: Variuos TO: Various		
Interstate	108991	Salem District-wide	9999		\$1,325,400
			Systemic Roadway Departure Treatments		
			FROM: VARIOUS TO: VARIOUS		
Interstate	116077	Salem District-wide	9999		\$529,936
			SAFETY PRESCOPING - SALEM		
Interstate	110551	Statewide	9999		\$307,192
			TRAFFIC VIDEO EXPANSION (PSAP) - STATEWIDE		
			FROM: Various TO: Various		
Interstate	110912	Statewide	9999		\$813,019
			Statewide Truck Parking Management System - Phase 1		
			FROM: Various TO: Various		
Interstate	111613	Statewide	9999		\$1,807,000
			STATEWIDE TRUCK PARKING MANAGEMENT SYSTEM - PHASE 2		
			FROM: Various TO: Various		
Interstate	111892	Statewide	9999		\$0
			ATMS - PHASE 1, 2, 3, 4		
			FROM: Various TO: Various		
Interstate	115854	Statewide	9999		\$0
			#ITTF20 ARTERIAL OPERATIONS PROGRAM DASHBOARD		
			FROM: n/a TO: n/a		
Interstate	115856	Statewide	9999		\$1,950,000
			#ITTF20 PARKING DEMAND MANAGEMENT SYSTEM		
			FROM: Various TO: Various		
Interstate	119197	Statewide	9999		\$1,500,000
			#ITTF22 OSPREY FIBER CONNECTIONS - STATEWIDE		
			FROM: Various TO: Various		
Interstate	119198	Statewide	9999		\$25,040
			#ITTF22 HIGH SPEED COMMUNICATIONS FOR SIGNALS (PHASE II)		
			FROM: Various TO: Varioyus		
Interstate	119199	Statewide	9999		\$500,000
			#ITTF22 STUDY FOR SMARTER LIGHTING INITIATIVE STATEWIDE		
			FROM: Various TO: Various		
Interstate	119332	Statewide	9999		\$300,000
			#ITTF22 DATA-DRIVEN MGMT PROGRAM FOR PAVEMENT MARKING		
			FROM: Various TO: Various		
Interstate	119379	Statewide	9999		\$0
			#ITTF22 CONNECTED WORK ZONES PROGRAM STATEWIDE		
			FROM: Various TO: Various		
Interstate	119401	Statewide	9999		\$250,000
			#ITTF22 PROJECT EVALUATIONS STATEWIDE		
			FROM: Various TO: Various		

Roanoke MPO

Construction : Safety/ITS/Operational Improvements

	System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Interstate	119402	Statewide	9999		\$1,030,000
			#ITTF22 INCIDENT RESPONSE OPTIMIZATION -STATEWIDE		
			FROM: Various TO: Various		
Interstate	119404	Statewide	9999		\$1,000,000
			#ITTF22 GUIDE LIGHTS FOR SPEED MANAGEMENT STATEWIDE		
			FROM: various TO: various		
Interstate	119406	Statewide	9999		\$0
			#ITTF22 AUTOMATED SPEED ENFORCEMENT PILOT STATEWIDE		
			FROM: Various TO: Various		
Interstate	121564	Statewide	9999		\$350,000
			#ITTF23 LEVERAGING CONNECTED CAR DATA FOR IMPROVED SAFETY		
			FROM: Various TO: Various		
Interstate	121653	Statewide	9999		\$3,000,000
			#ITTF23 - COOPERATIVE FREEWAY MANAGEMENT STUDY- NOVA/FRED		
			FROM: Various TO: Various		
Interstate	121654	Statewide	9999		\$1,000,000
			#ITTF23 OPERATIONALIZE TRAFFIC OPERATIONS SUPPORT CENTER		
			FROM: Various TO: Various		
Interstate	121655	Statewide	9999		\$500,000
			#ITTF23 IMPLEMENT AI-BASED INTEGRATED SECURITY PREDICTION		
			FROM: Various TO: Various		
Interstate	121666	Statewide	9999		\$500,000
			#ITTF23 ITTF PROJECT EVALUATIONS		
			FROM: Various TO: Various		
Interstate	121667	Statewide	9999		\$3,575,000
			#ITTF23 RM3P DEP Data Services		
			FROM: Various TO: Various		
Interstate	121668	Statewide	9999		\$1,000,000
			#ITTF23 REAL-TIME INFORMATION DISSEMINATION FOR CMVs		
			FROM: Various TO: Various		
Interstate	121670	Statewide	9999		\$500,000
			#ITTF23 ADVANCED ROAD WEATHER INFORMATION SYSTEMS STUDY		
			FROM: VARIOUS TO: VARIOUS		
Interstate	121712	Statewide	9999		\$650,000
			NETWORK OPERATIONS CENTER IMPLEMENTATION		
			FROM: Various TO: Various		
Interstate	121776	Statewide	9999		\$1,000,000
			HARD SHOULDER RUNNING FEASIBILITY STUDY-Technology component		
			FROM: Various TO: Various		
Interstate	121822	Statewide	9999		\$5,000,000
			#ITTF23 STATEWIDE FIBER NETWORK ENHANCEMENTS		
			FROM: Various TO: Various		
Interstate	122048	Statewide	VARIOUS (9999)		\$500,000
			#ITTF23 - RM3P EVALUATION		
			FROM: various TO: various		

Roanoke MPO**Construction : Safety/ITS/Operational Improvements**

	System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Miscellaneous	T18999	Salem District-wide	0000		\$0
		CN: SAFETY/ITS/OPERATIONAL/IMPROVEMENTS			
Miscellaneous	117972	Salem	9999		\$2,888,408
		#I81CIP DETOUR IMPROVEMENTS - CITY OF SALEM & CITY OF RNKE			
		FROM: Various TO: Various			
Miscellaneous	121643	Statewide	9999		\$1,000,000
		#ITTF23 SMART INTERSECTIONS DEPLOYMENT SUPPORT			
		FROM: Various TO: Various			
Primary	113947	Roanoke County		WILLIAMSON ROAD (0011)	\$2,573,000
		Pedestrian Improvements on Route 11 (Williamson Road)			
		FROM: 0.24 Mi. North of Route 623 Dent Road TO: 0.063 mi. North of Route 1822 Middleton Road (0.2100 MI)			
Primary	119474	Salem		APPERSON DRIVE (0011)	\$2,387,558
		#SMART22 - Apperson Dr (Rte 11)/Orchard Intersection Improv			
		FROM: West of Orchard Drive TO: Brookland Drive			
Primary	115457	Botetourt County		ROANOKE ROAD (0220)	\$4,551,000
		#SMART20 - Rte 220 and International Parkway Intersection			
		FROM: 0.25 mi N International Parkway TO: 0.25 mi S International Parkway (0.5000 MI)			
Primary	110887	Salem District-wide		VIRGIL H. GOODE HWY (0220)	\$9,787,886
		Rte 220 Access Management Improvements Project			
		FROM: Route 675 (Indian Grave Rd.) Intersection TO: Route 862 (Valley Ave.) Intersection (1.9200 MI)			
Primary	107061	Roanoke County		ELECTRIC ROAD (0419)	\$7,039,926
		#HB2.FY17 Rte 419 Safety Improvements at Tanglewood			
		FROM: Route 867 TO: Route 220 (0.5700 MI)			
Primary	111407	Roanoke County		RTE 419 ELECTRIC RD. (0419)	\$641,897
		#SMART18 - Rte 419 & Rte 221 Adaptive Traffic Control			
		FROM: Rte 221 TO: Rte 419			
Primary	115460	Roanoke County		ELECTRIC ROAD (0419)	\$17,505,000
		#SMART20 - Rte 419 & Rte 220 Diverging Diamond Interchange			
		FROM: 0.5 Mi. W. Rte. 220 TO: 0.23 Mi. E.. Rte. 220 (0.7300 MI)			
Primary	119462	Roanoke County		ROTUE 419 / ELECTRIC ROAD (0419)	\$18,469,482
		#SMART22 - Route 419 Streetscape Improvements, Phase 2			
		FROM: Odgen Road TO: Starkey Road			
Primary	122050	Roanoke County		ELECTRIC ROAD (0419)	\$218,748
		ROUTE 419 - OAK GROVE STREETScape IMPROVEMENTS			
		FROM: Grandin Road TO: Carriage Lane			
Primary	119452	Botetourt County		ROUTE 460 - BLUE RIDGE BOULEVARD (0460)	\$7,623,347
		#SMART22 - US460/Laymantown Road Intersection Improvement			
		FROM: Route 460 TO: Laymantown Road			
Primary	109570	Roanoke		ORANGE AVENUE NE (0460)	\$446,477
		Orange Avenue/ Hollins Road Signal Upgrade - City of Roanoke			
		FROM: Int. of US 460 TO: And Route 115			
Primary	119450	Roanoke		ROUTE 460 (0460)	\$7,537,497
		#SMART22 - Rte 460/West Ruritan Rd Intersection Improvements			
		FROM: NE of West Ruritan Road TO: Blue Hills Drive			

Roanoke MPO

Construction : Safety/ITS/Operational Improvements

	System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Primary	119459	Roanoke	ORANGE AVE / ROUTE 460 (0460) #SMART22 - Rte 460/Orange Ave at Seibel Dr/ Hickory Woods FROM: Seibel Drive TO: Hickory Woods Drive		\$0
Primary	119461	Roanoke	ORANGE AVENUE / ROUTE 460 (0460) #SMART22 - Rte 460 (Orange Ave) Improvements at King Street FROM: Lynn Brae Drive TO: Seibel Drive NE		\$4,505,724
Primary	119464	Roanoke	ORANGE AVENUE / RTE 460 (0460) #SMART22 - Rte 460/Orange Ave Improvement near Blue Hills Dr FROM: Blue Hills Drive TO: Moriah Lane		\$4,980,213
Primary	119449	Roanoke County	ROUTE 460 (0460) #SMART22 - Rte 460 Intersections-Carson Rd. to Huntridge Rd FROM: Carson Road TO: Huntridge Road		\$2,766,831
Primary	120611	Roanoke County	ROUTE 460 (0460) Rte 460 & Alt Route 220 Intersection Improvements FROM: 0.27 mi East of Route 1220 (Huntridge Road) TO: Route 1400 (Avery Row)		\$21,796,984
Primary	107055	Roanoke County	WILLIAMSON ROAD (9999) Route 11 & 117 Roanoke Co. - Pedestrian Safety Improvements FROM: 0.45 Mile South of Int. of Route 11 & Route 117 TO: Int. of Route 11 & Route 117 (0.4500 MI)		\$1,504,183
Primary	118034	Roanoke County	9999 #181CIP DETOUR IMPROVEMENTS - SIGNAL COMMS SALEM DIST. FROM: VARIOUS TO: VARIOUS		\$450,000
Primary	T21479	Salem District-wide	VARIOUS (9999) Districtwide Rumble Strip Installation-Primary Routes FROM: Various TO: Various		\$500,000
Primary	114331	Salem District-wide	VARIOUS (9999) INSTALL ADVANCED SIGNAL CONTROL TECHNOLOGY AND COMMUNICATION FROM: VARIOUS TO: VARIOUS		\$0
Primary	117211	Salem District-wide	9999 FY 21 Curve Delineation FROM: various TO: various		\$839,921
Primary	117212	Salem District-wide	9999 FY 21 Pedestrian Crossing Improvements FROM: various TO: various		\$530,000
Primary	117215	Salem District-wide	9999 FY 21 Edgeline Rumblestrips FROM: various TO: various		\$791,322
Primary	119668	Salem District-wide	VARIOUS (9999) FY 22 Edgeline Rumblestrips FROM: various TO: various		\$2,666,080
Primary	119669	Salem District-wide	VARIOUS (9999) FY 23 Centerline Rumble Strips FROM: Various TO: Various		\$54,457
Primary	119671	Salem District-wide	VARIOUS (9999) FY 22 Centerline Rumble Strips FROM: Various TO: Various		\$208,671

Roanoke MPO**Construction : Safety/ITS/Operational Improvements**

	System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Primary	120899	Salem District-wide	VARIOUS (9999)		\$6,616,897
		FY 23 Curve Delineation			
		FROM: Various TO: Various			
Primary	120900	Salem District-wide	VARIOUS (9999)		\$2,877,426
		FY 23 Unsignalized Intersections			
		FROM: Various TO: Various			
Secondary	113144	Roanoke County	STARKEY ROAD (0904)		\$6,237,312
		#SMART22 - Starkey Road/Buck Mtn Rd Int Improvements			
		FROM: 0.046 Mi. West of Intersection Rte. 904 - Rte. 679 TO: 0.041 Mi. North of Intersection Rte. 904 - Rte. 679 (0.0870 MI)			
Secondary	119468	Roanoke County	VALLEYPOINT PARKWAY (1947)		\$9,837,072
		#SMART22 - Valleypointe Parkway Realignment			
		FROM: North Concourse Drive TO: Wood Haven Road			
Urban	111135	Roanoke	9999		\$99,478
		Flashing Yellow Arrow - Various locations - Roanoke City			
		FROM: Various TO: Various			
Urban	111137	Roanoke	9999		\$16,637
		Rectangular Rapid Flashing Beacons - Roanoke City			
		FROM: Various TO: Various			
Urban	108896	Roanoke	COLONIAL AVENUE (8001)		\$7,000,000
		#HB2.FY17 Colonial Avenue Improvements			
		FROM: 300 ft beyond Winding Way Rd SW TO: Clearfield Rd SW (0.5000 MI)			
Urban	111360	Roanoke	FRANKLIN ROAD (0220)		\$763,544
		Franklin Road Sidewalk Improvements- Rt. 220 B- Roanoke City			
		FROM: 3100 Block TO: 220 Franklin Rd Bypass (0.7600 MI)			
Urban	117221	Roanoke	FRANKLIN ROAD (0220)		\$1,828,503
		Franklin Road Sidewalk Improvements - Rt. 220 B- Phase 2			
		FROM: 3763 Franklin Rd TO: Hounds Chase Ln			
Urban	111370	Roanoke	ORANGE AVENUE (0460)		\$5,117,482
		#SMART18 - Hollins Rd & Orange Ave Intersection Improvements			
		FROM: 0.2 Mi West of Int Orange Ave/Hollins Rd TO: Int Hollins Rd/McDowell Ave (0.2000 MI)			
Urban	113324	Roanoke	ORANGE AVENUE (0000)		\$98,997
		Installation of Pedestrian Countdown Signal			
		FROM: Gainsboro Road TO: Burrell Street			
Urban	115454	Roanoke	ORANGE AVENUE (0460)		\$1,318,704
		#SMART20 - Orange Ave (US 460) Improvements			
		FROM: King Street TO: Blue Hills/Mexico Way (0.6000 MI)			
Urban	8753	Salem	EAST MAIN STREET (0460)		\$15,997,819
		#HB2.FY17 Rte460 - Add'n of CTL w/ Bike Ln, Curb, Sidewalk			
		FROM: 0.028 Mi. West of Route 311 (Thompson Memorial Blvd.) TO: 0.006 Mi. West of Brand Ave. (0.5473 MI)			
Urban	113322	Vinton	HARDY ROAD (0000)		\$497,911
		Hardy Road/Dillon Woods Crosswalk			
		FROM: Bypass Road TO: McDonald Street			
Construction : Safety/ITS/Operational Improvements Total					\$1,093,287,898

Roanoke MPO

Construction : Transportation Alternatives/Byway/Non-Traditional

	System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Enhancement	122099	Roanoke	WILLIAMSON RD NW (0000) WILLIAMSON RD PEDESTRIAN SAFETY - ROANOKE FROM: Hawthorne Dr TO: Woodbury St		\$575,000
Enhancement	113356	Roanoke County	0618 Roanoke River Greenway, Parkway Crossing FROM: 3204 Highland Rd TO: 3404 Rutrough Rd		\$820,900
Enhancement	119562	Salem	ROANOKE RIVER GREENWAY (9999) #SMART22 - Roanoke River Greenway Golden Spike FROM: RotaryPark TO: Cook Drive		\$4,520,561
Enhancement	91191	Roanoke County	EN08 Rnke River Grnwy - City of Roanoke to Route 618 FROM: 1,800' North of Highland Road TO: Rte 618 (Highland Rd) (0.3300 MI)		\$2,471,621
Enhancement	97171	Roanoke County	EN08 #HB2.FY17 Roanoke Co, RRG, Green Hill Pk to Riverside Pk FROM: Green Hill Park TO: Riverside Park (1.7300 MI)		\$12,902,342
Enhancement	106265	Roanoke	GARDEN CITY BLVD (EN15) GARDEN CITY BLVD BIKE/PED - TRANSPORTATION ALTERNATIVES FROM: Davenport Ave/Ivywood St TO: Riverland Rd		\$1,680,336
Enhancement	106268	Salem	KESSLER MILL RD (EN15) HANGING ROCK BATTLEFIELD TRAIL - TRANSPORTATION ALTERNATIVES FROM: existing Hanging Rock Battlefield Trail TO: East Main St (0.4600 MI)		\$1,424,135
Enhancement	109612	Salem	E MAIN ST (EN16) DOWNTOWN STREETScape IMPROVEMENTS FROM: West side of Broad St TO: East side of White Oak Alley (0.1000 MI)		\$1,130,397
Enhancement	109611	Vinton	EN16 GLADE CREEK GREENWAY, PHASE 2 FROM: Intersection of 5th St and Walnut Ave TO: Gus Nicks Blvd (0.7000 MI)		\$682,720
Enhancement	111317	Roanoke County	WILLIAMSON ROAD (EN17) #SMART20 - Williamson Road Sidewalk Improvements FROM: Int. of Route 11 & Route 117 TO: Int. of Route 11 & Route 115 (0.2800 MI)		\$2,066,558
Enhancement	117994	Roanoke	9TH STREET (EN20) 9th Street Multimodal Improvements FROM: Jamison Avenue TO: Highland Avenue		\$888,949
Enhancement	117995	Vinton	GLADE CREEK GREENWAY (EN20) Glade Creek Greenway Phase 2B FROM: Gearhart Park/GC Greenway Phase 2A TO: Walnut Avenue/GC Greenway Phase 1 (0.1000 MI)		\$667,248
Miscellaneous	119555	Roanoke	AVIATION DRIVE/VALLEY VIEW BLVD (0000) #SMART22 - Aviation Dr / Valley View Blvd Ped Improvements FROM: Lick Run Greenway TO: Downtown Roanoke		\$7,178,491
Miscellaneous	119586	Roanoke	RIVERLAND ROAD (0000) Greenway Connection – Riverland Road FROM: Garden City Greenway TO: Roanoke River Greenway		\$1,198,410
Miscellaneous	119666	Roanoke	ROANOKE RIVER GREENWAY - EAST (0000) Roanoke River Greenway - Underhill - Roanoke City - PE Only FROM: Bennington trail head TO: Underhill Road		\$835,000

Roanoke MPO

Construction : Transportation Alternatives/Byway/Non-Traditional

	System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Miscellaneous	T18992	Salem District-wide	0000		\$0
		CN: TRANSPORTATION ENHANCEMENT/BYWAY/OTHER NON-TRADITIONAL			
Miscellaneous	110101	Roanoke	TINKER CREEK TRAIL (9999)		\$4,012,065
		Tinker Creek Trail Extension Phase 2A FROM: 13th Street TO: Masons Mill Park (2.0000 MI)			
Miscellaneous	113567	Roanoke County	ROANOKE RIVER GREENWAY (9999)		\$3,487,387
		Roanoke River Greenway through Explore Park FROM: Rutrough Rd TO: 1.4 mile north of Rutrough Rd (1.4000 MI)			
Miscellaneous	111649	Vinton	GLADE CREEK GREENWAY (9999)		\$2,068,142
		Walnut Ave Bike/Ped Accommodations (5th St to Town limit) FROM: .01 miles east of 5th Street TO: Town Limits			
Primary	119475	Salem	COLLEGE AVENUE (0011)		\$3,017,132
		#SMART22 - Downtown Salem - College Avenue Improvements FROM: Calhoun Street TO: 2nd Street			
Primary	119472	Vinton	WALNUT AVENUE (0149)		\$7,399,781
		#SMART22 - Walnut Avenue Corridor Improvements Phase 3 FROM: 1st Street TO: 4th Street			
Primary	T24579	Roanoke County	CATAWBA VALLEY DRIVE (0311)		\$343,573
		Orange Market Park and Ride/Parking Lot Improvements FROM: Orange Market P&R TO: Kessler Mill Road			
Primary	111367	Salem	ELECTRIC ROAD (0419)		\$2,610,310
		#SMART18 - Mason Creek Greenway Ph3 - 419 Multimodal Imprv FROM: Mason Creek Greenway TO: Hanging Rock Battlefield Trail			
Urban	111366	Roanoke County	PLANTATION ROAD (0115)		\$2,321,596
		#SMART18 - Plantation Rd Bike/Ped/Streetscape Phase II FROM: Walrond Drive TO: Gander Way (0.2000 MI)			
Urban	111371	Salem	EAST MAIN STREET (0460)		\$3,995,881
		#SMART18 - Downtown Salem Int. & Streetscape Improvements FROM: N Market St TO: Thompson Memorial Dr			
Urban	113566	Salem	ELIZABETH GREENWAY (0000)		\$1,832,171
		Elizabeth Greenway FROM: Mason Creek Greenway TO: East Main Street Greenway			
Urban	119473	Salem	MAIN STREET (0000)		\$2,311,825
		#SMART22 - Main St / Market St Intersection Improvements FROM: White Oak Alley TO: Market Street			
Urban	119911	Vinton	GUS NICKS BOULEVARD (0000)		\$403,912
		Gus Nicks Boulevard Pedestrian/Bicycle Crossing FROM: Glade Creek Greenway TO: Gish Mill Property (0.1000 MI)			
Urban	113565	Vinton	WALNUT AVENUE (0000)		\$881,360
		Walnut Avenue Bicycle and Pedestrian Accommodations FROM: W. Lee Avenue TO: 1st Street			
Construction : Transportation Alternatives/Byway/Non-Traditional Total					\$73,727,803

Roanoke MPO

Maintenance : Preventive Maintenance and System Preservation

	System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Miscellaneous	T14722	Salem District-wide	0000		\$104,336,573
		STIP-MN Salem: Preventive MN and System Preservation			
Primary	121708	Salem District-wide	VARIOUS (0962)		
		#SGR23VP FY23 Plant Mix Roanoke & Craig Primaries			
		FROM: Various TO: Various (4.0000 MI)			
Urban	121971	Roanoke	CAMPBELL AVE SW (0011)		\$0
		#SGR23LP - ROANOKE FKEY 1556 CAMPBELL AVE SW			
		FROM: Williamson Rd SE TO: Mid - 100 Block SW			
Urban	121977	Roanoke	CAMPBELL AVE SW (0011)		\$0
		#SGR23LP - ROANOKE - CAMPBELL AVE SW - PRIMARY EXTENSION			
		FROM: 151.156 TO: 151.576			
Maintenance : Preventive Maintenance and System Preservation Total					\$104,336,573

Maintenance : Preventive Maintenance for Bridges

	System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Interstate	120996	Botetourt County	0081		
		#BF - SALEM YEAR 3 - BRIDGE REHAB CONTRACT (B)			
		FROM: 3.72 MI. RTE. 220 TO: 2.41 MI. RTE. 640 (0.8000 MI)			
Miscellaneous	T14721	Salem District-wide	0000		\$77,508,932
		STIP-MN Salem: Preventive MN for Bridges			
Primary	110624	Montgomery County	0011		\$0
		#SGR18VB - RT 11 OVER NSRR (STR. 12118) - DECK REPLACE			
		FROM: 0.4 Mi. North of Big Spring Drive TO: 0.4 Mi. South of North Fork Road (0.2100 MI)			
Urban	T27104	Roanoke	PERSINGER ROAD (0000)		
		#BF - CITY OF ROANOKE - BRIDGE REPLACE PERSINGER RD - YEAR 4			
		FROM: 0.3 Mi. Brambleton Avenue TO: 0.3 Mi. Blenheim Road			
Maintenance : Preventive Maintenance for Bridges Total					\$77,508,932

Maintenance : Traffic and Safety Operations

	System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Miscellaneous	T14720	Salem District-wide	0000		\$11,824,327
		STIP-MN Salem: Traffic and Safety Operations			
Maintenance : Traffic and Safety Operations Total					\$11,824,327

Roanoke MPO

Transit : Vehicles

	System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Miscellaneous	T18675		Multi-jurisdictional: Roanoke MPO BUS REPLACEMENT (9999) Bus Replacement and Rebuild Program (FY17-19) FROM: N/A TO: N/A		\$0

Transit : Vehicles Total \$0

Roanoke MPO Total \$1,405,589,697