













Staffed by the REGIONAL COMMISSION



TRANSPORTATION IMPROVEMENT PROGRAM

for the

ROANOKE VALLEY TRANSPORTATION PLANNING ORGANIZATION

Federal Fiscal Years 2018-2021

APPROVED: April 27, 2017

Amended	Adjusted	Adjusted			
March 22, 2018	October 9, 2017	January 27, 2020			
June 28, 2018	October 23, 2017	May 18, 2020			
August 22, 2019	November 30, 2017				
January 23, 2020	March 2, 2018				
February 7, 2020	May 8, 2018				
	July 6, 2018				
	October 26, 2018				
	May 3, 2019				
	June 20, 2019				
	October 7, 2019				
	December 20, 2019				
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RVTPO FY 2018-21	
TIP Transportation Improvement Program TIP	
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Disclaimer

The contents of this report reflect the views of the Roanoke Valley Area Metropolitan Planning Organization. The 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 FHWA, FTA, VDOT, DRPT, 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.

	lley Transportation Planning Orga icy Board Membership – as of January 24	
VOTING MEMBERS Bedford County Representative The Honorable Mickey Johnson Botetourt County Representatives The Honorable Steve Clinton	Roanoke-Blacksburg Regional Airport Representative Vacancy (Alternate: Tim Bradshaw) Virginia Department of Rail and	RVTPO SECRETARY Wayne G. Strickland, RVARC Executive Director PROJECT STAFF
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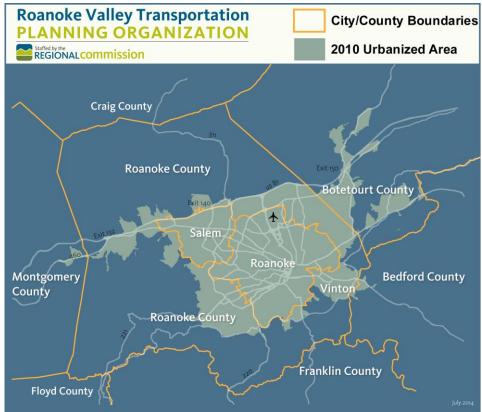


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1.0 Purpose of the TIP

The Federal Register defines the Transportation Improvement Program (TIP): a prioritized listing/program of transportation projects covering a period of four (4) years that is developed and formally adopted by an MPO or MPOs as part of the metropolitan transportation planning process for the MPA (Metropolitan Planning Area), consistent with the Metropolitan Transportation Plan (Vision 2040: Roanoke Valley Transportation), and required for projects to be eligible for funding under title 23 U.S.C. and title 49 U.S.C. chapter 53. Essentially, the TIP is a document that identifies how federal funds will be used for transportation projects in the Roanoke Valley's urbanized area over a four-year timeframe.

The Roanoke Valley Area Metropolitan Planning Organization (MPO) is an organization required to exist by federal law (§23 CFR Part 450, §49 CFR Part 613), which mandates that urbanized areas with a population greater than 50,000 persons establish an MPO to facilitate transportation planning. Following the adoption of the FY2015-18 TIP in 2014, the MPO Policy Board voted to change its name to the Roanoke Valley Transportation Planning Organization (RVTPO). The Roanoke Valley TPO area includes the urbanized portions of Bedford, Botetourt, Montgomery and Roanoke Counties, as well as the Cities of Roanoke and Salem, and the Town of Vinton. 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 2040 as shown in the following map.



On December 4, 2015, the Fixing America's Surface Transportation Act or FAST Act was signed into law. This is the first legislation in over decade that provides long-term funding for federal transportation projects. As a part of the new legislation, 23 U.S.C. 134(k)(3), the FAST Act clarifies development of a Congestion







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Management Process Plan (CMPP) for Transportation Management Area (TMA) MPOs. The RVTPO adopted its first CMPP as a TMA in 2014 and projects in this TIP reflect:

- 1. CMPP regional goals for reducing peak hour vehicle miles traveled and improvement of transportation connections;
- 2. Identification of existing services and programs that support access to jobs in the region; and
- 3. Identification of proposed projects and programs to reduce congestion and increase job access opportunities.

Continuing with previous transportation legislation, the FY18-21 TIP accommodates for facilities that enable for the development and integrated management and operation of transportation systems and facilities (including accessible pedestrian walkways and bicycle transportation facilities) that will function as an intermodal transportation system for the metropolitan planning area. The City of Roanoke and Roanoke County both have adopted Complete Streets policies which address the interconnectivity of modes. Additionally, the Roanoke River Greenway Master Plan, which is currently being updated, will address intermodality.

The RVTPO TIP was developed in cooperation with the Virginia Department of Transportation, the Virginia Department of Rail and Public Transportation, local public transportation operators, and the local governments within the urbanized area. These officials, through the Metropolitan Planning Process, select and schedule projects that they support for endorsement in the TIP. The Transportation Improvement Program may be modified by amendments and adjustments at any time though at a minimum it is typically amended/adjusted in the summer months following the Commonwealth Transportation Board's approval of the Six-Year Improvement Program (SYIP).







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2.0 Public and Stakeholder Involvement

In accordance with the TPO's Public Involvement Policy, the public has been afforded several opportunities to comment upon the development of the TIP. Those opportunities are listed below:

- Electronic access and updates to the Draft FY2018-2021 TIP through the RVTPO website at www.rvarc.org and www.rvtpo.org, and hard copies at the Roanoke Valley-Alleghany Regional Commission offices at 313 Luck Avenue, SW, Roanoke, VA 24016;
- A 45-day comment period (ending March 24, 2017) where the public can submit comments on the Draft FY 2018-21 TIP via e-mail, online comment form, regular mail, telephone and facsimile; and
- Newspaper advertisements in the Roanoke Times and Roanoke Tribune, notifying the public of a public hearing on the adoption of the TIP on Thursday, April 27, 2017.



The Comprehensive, Continuing, Cooperative, or "3C" Process of the TPO, provides a natural mechanism by which the TIP can be carefully reviewed and updated annually. Annual development of this program helps to clarify future needs, allow revisions to accommodate changing conditions, and allow developing local and regional plans to be continually incorporated.

The TPO's Transportation Technical Committee (TTC) is made up of representatives from local, state, and federal agencies. The TTC provides the professional expertise necessary to derive a plan and ensure that all local and regional interests are considered. Once the program is developed, the TPO Policy Board reviews and approves the program according to policies adopted by its member organizations. With few exceptions, any proposed transportation project should be included in the TIP to be considered eligible for federal funding. All phases of a project including preliminary engineering, right-of-way acquisitions, and construction should be documented in the TIP.







3.0 Understanding the TIP

The Transportation Improvement Program identifies capital and operating projects anticipated to receive federal funding over a four-year period during federal fiscal years 2018 through 2021 (October 1, 2018 to September 30, 2021). Projects that are funded only through state or local sources are not included. Once approved, the TIP is incorporated into the State Transportation Improvement Program (STIP).

Some projects in the TIP are identified as individual projects whereas others are grouped together and shown as a single item. Projects are summarized by locality in Sections 6.0 and 7.0 and listed independently in Appendix A, Grouped Projects and Appendix B, Ungrouped Projects. In Appendix A, the tables entitled "Project Groupings" contains aggregated funding information for projects within a similar funding category such as bridge construction, rail, safety improvements, trails, and operations. The diagram below explains the type of detailed information provided for individually listed projects in Appendix B.

Diagram of Transit Project Information

FUN DING SOURCE indicates each federal fund source for the project (found in the acronym guide to identifying funding sources), state and local matches, and GRTC revenues.	PREVIOUS FUN refers to funds: were obligated project in the previous fiscal y (prior to the cur TIP).	which to a ear					
Funding Source P	revious Funding	FY 2015	FY 2016	FY 2017	FY 2018	Total FY 201	15-2018
STIP ID: G		Title: Operatin	g Assistance	Recipient	Greater Roa	anoke Transit C	ompany
			Amo	unts Expres	sed in the \$1,0)00's	
FTA 5307	5	1,874	1,874	1,874	1,874	FTA 5307	7,496
FTA 5311		348	348	348	348	FTA 5311	1,392
State		1,892	1,892	1,892	1,892	State	7,568
Local		2,359	2,359	2,359	2,359	Local	9,436
Revenues		2.373	2,373	2,373	2,373	Revenues	9,492
Year Total:		8,846	8,846	8,846	8,846	Total Funds:	35,384
Description: In	cludes Fixed-Rou	ites, SmartWay	and SmartWa	v Connector	Bus		
STATEW IDE TRANSPO PROGRAM IDENTIFIC number assigned to e completion.	ATION NUMBER is a					TOTAL FUNDS indic federal fiscal year (amount of federal, local and revenue f needed to complet of the project. Tot: all phases and fisca also provided.	FV), the state, unds e phases al cost of





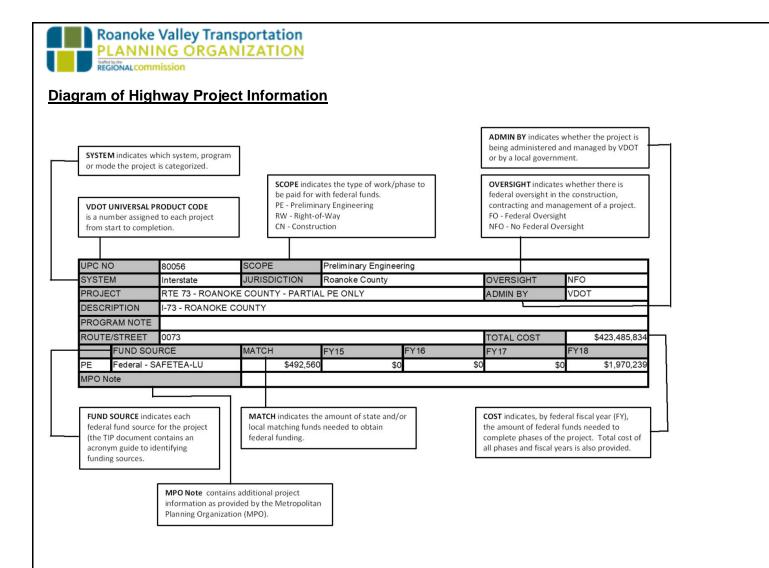








Table 1: Project System

System	Description
Interstate	The Interstate System contains projects identified as being part of the limited-access system of highways that carry route designations such as I-81 and I-64.
Primary Roads	The Primary System contains projects located along major roadways which carry a route designation of less than 600. Projects listed in this category are primarily located within counties and are listed in numerical order by route number without regard to jurisdiction.
Secondary Roads	The Secondary System contains projects located along minor roadways which carry a route designation of 600 or greater. Projects listed in this category are primarily located within counties and are listed in numerical order by route number without regard to jurisdiction.
Urban Roads	The Urban System contains projects located within cities and towns. Projects are organized by jurisdiction and listed by street name.
Miscellaneous	Miscellaneous Projects are regional in nature and are not associated with one of the previous Systems.
Rail Safety	Rail safety projects include those related to safety such as gates, flashing lights, etc. at railroad crossings.
Transportation Enhancement	Transportation enhancement projects include improvements to safety and aesthetics.
Public Transit Projects	The Public Transit section contains the operating and capital funding for Valley Metro and RADAR, the two public transit operators in the TPO area.







4.0 Funding the TIP

§23 CFR 450.324(h) specifies the inclusion of a financial plan in the TIP that shows how the identified projects or project phases can reasonably be expected to be implemented, with the available public and private revenues. TIP projects or project phases are required to be consistent with the LRTP and must be fully funded in the TIP. To the extent that funding is available or shall be reasonably available, priority projects or project phases have been cooperatively selected for inclusion in this TIP. VDOT, DRPT, Valley Metro, RADAR and the TPO developed financial forecasts for the TIP based on the latest official planning assumptions and estimates of revenues and costs. The financial information is given by funding category for the projects listed and expected to be implemented during the four-year period beginning Fiscal Year 2018.

4.1 Funding Sources

The TIP funding summary tables (Table 2) summarize by year and by funding source the revenue amounts estimated and committed for fiscal years 2018-2021. The table includes expenditures and estimated revenues expected for each funding source and show that the program is financially constrained by year. The financial summary tables are based on total funds available, which include annual allocations of funds including any State and local matching dollars. These revenue sources are all reasonably expected to be made available and committed to the project phase during the programmed year of the TIP.









Table 2: RVTPO Federal Funding Categories and Fiscal Constraint by Year – FFY2018-2021

	FFY 2	2018	FFY :	2019	FFY :	2020	FFY	2021	TOTAL	
	Projected Obligation	Planned	Projected Obligation	Planned	Projected Obligation	Planned	Projected Obligation	Planned	Projected Obligation	Planned
Fund Source	Authority	Obligation	Authority	Obligation	Authority	Obligation	Authority	Obligation	Authority	Obligation
Federal										
BR/BROS	\$1,872,457	\$1,872,457	\$0	\$0	\$0	\$0	\$487,340	\$487,340	\$2,359,797	\$2,359,79
NHFP	\$257,530	\$257,530	\$0	\$0	\$0	\$0	\$0	\$0	\$257,530	\$257,53
NHS/NHPP	\$12,974,104	\$12,974,104	\$441,710	\$441,710	\$2,143,415	\$2,143,415	\$0	\$0	\$15,559,229	\$15,559,22
RSTP (2)	\$2,530,374	\$2,530,374	\$0	\$0	\$0	\$0	\$0	\$0	\$2,530,374	\$2,530,37
STP/STBG	\$1,035,901	\$1,035,901	\$150,000	\$150,000	\$850,000	\$850,000	\$4,400,000	\$4,400,000	\$6,435,901	\$6,435,90
TAP	\$1,192,664	\$1,192,664	\$331,310	\$331,310	\$0	\$0	\$0	\$0	\$1,523,974	\$1,523,97
Subtotal Federal	\$19,863,030	\$19,863,030	\$923,020	\$923,020	\$2,993,415	\$2,993,415	\$4,887,340	\$4,887,340	\$28,666,805	\$28,666,80
Other										
Non-Federal	\$1,169,376	\$1,169,376	\$0	\$0	\$369,117	\$369,117	\$1,271,503	\$1,271,503	\$2,809,996	\$2,809,99
State Match	\$3,697,129	\$3,697,129	\$188,672	\$188,672	\$381,944	\$381,944	\$610,724	\$610,724	\$4,878,469	\$4,878,46
Subtotal Other	\$4,866,505	\$4,866,505	\$188,672	\$188,672	\$751,061	\$751,061	\$1,882,227	\$1,882,227	\$7,688,465	\$7,688,46
Total	\$24,729,535	\$24,729,535	\$1,111,692	\$1,111,692	\$3,744,476	\$3,744,476	\$6,769,567	\$6,769,567	\$36,355,270	\$36,355,27
Federal - ACC (1)										
HSIP	\$0	\$0	\$900,000	\$900,000	\$370,000	\$370,000	\$1,000,000	\$1,000,000	\$2,270,000	\$2,270,00
BR	\$0	\$0	\$1,327,167	\$1,327,167	\$0	\$0	\$0	\$0	\$1,327,167	\$1,327,16
NHS/NHPP	\$582,888	\$582,888	\$2,033,768	\$2,033,768	\$0	\$0	\$2,378,558	\$2,378,558	\$4,995,214	\$4,995,21
Subtotal Federal - ACC (1)	\$582,888	\$582,888	\$4,260,935	\$4,260,935	\$370,000	\$370,000	\$3,378,558	\$3,378,558	\$8,592,381	\$8,592,38
Statewide - Federal (4)	• •				•			•	÷	
NHFP	\$2,000,000	\$2,000,000	\$0	\$0	\$0	\$0	\$0	\$0	\$2,000,000	\$2,000,00
Subtotal Statewide - Federal (4)	\$2,000,000 \$2,000,000	\$2,000,000	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0		\$2,000,000 \$2,000,000	\$2,000,00 \$2,000,00
	\$2,000,000	\$2,000,000	ψυ	ψŪ	φU	φŪ	40	ψŪ	\$2,000,000	φ2,000,00
Maintenance - Federal (5)										
BR/BROS	\$1,753,772	\$1,753,772	\$1,542,166	\$1,542,166	\$1,953,236	\$1,953,236	\$1,961,089	\$1,961,089	\$7,210,263	\$7,210,26
STP/STBG	\$16,242,411	\$16,242,411	\$14,282,643	\$14,282,643	\$18,089,729	\$18,089,729	\$18,162,463	\$18,162,463	\$66,777,246	\$66,777,24
Subtotal Maintenance - Federal (5)	\$17,996,183	\$17,996,183	\$15,824,809	\$15,824,809	\$20,042,965	\$20,042,965	\$20,123,552	\$20,123,552	\$73,987,509	\$73,987,50
(1) ACC Advance Construction	Funding Included in	Federal Category	based on year of	AC Conversion.						

CMAQ/RSTP includes funds for TRANSIT projects.

(3) Multiple MPO Category - Funding to be obligated in Multiple MPO Regions.

(4) Statewide Category - Funding to be obligated Statewide for projects as identified.







The following information provides an overview of the most common funding programs utilized in the development of the TIP.

Transit Funding Programs:

Section 5307

Federal Transit Administration formula grants for transit capital and operating assistance in urbanized areas.

Section 5310

Federal Transit Administration funds for private and non-profit organizations providing mass transportation services for the elderly and disabled.

Section 5311

Federal Transit Administration funds formula grants providing funding for public transit in non-urbanized areas with a population under 50,000.

Section 5314

Federal Transit Administration funds for research and demonstration programs to study, design, and demonstrate transit policies and advanced technologies.

Section 5339

Federal Transit Administration capital funding to replace, rehabilitate and purchase buses, vans and related equipment, and to construct bus-related facilities.

CMAQ

Federal Highway Administration Congestion Management Air Quality (CMAQ) funds provide a flexible funding source to State and local governments for transportation projects and programs to help meet the requirements of the Clean Air Act. Funding is available to reduce congestion and improve air quality for areas that do not meet the National Ambient Air Quality Standards for ozone, carbon monoxide, or particulate matter (nonattainment areas) and for former nonattainment areas that are now in compliance (maintenance areas).

Flexible STP

Federal Highway Administration Surface Transportation Program (STP) funds provide flexible funding that may be used by States and localities for projects on any Federal-aid highway, bridge projects on any public road, transit capital projects, and bus terminals and facilities.

JARC

Federal Transit Administration funds for Job Access and Reverse Commute grants to provide low-income individuals job access transportation (Section 5316).

New Freedom

Federal Transit Administration funds for providing new public transportation services to overcome existing barriers facing Americans with disabilities seeking integration into the workforce and full participation into society.







SMART SCALE

The System Management and Allocation of Resources for Transportation: Safety, Congestion, Accessibility, Land Use Coordination, Environment, Economic Development (SMART SCALE) is a competitive grant program whereby localities, PDCs, MPOs, and transit providers apply for transportation projects which will be fully funded in the Six-Year Improvement Program. Applications are scored based on the six above listed factors.

STBG

Surface Transportation Block Grant Program (STBG, formerly RSTP) the Surface Transportation Program (STP) provides federal funding that may be used by states and localities for a wide range of highway and transit projects. STBG funds are STP funds that are apportioned to specific regions within a state. The Roanoke Valley Area TPO Policy Board is responsible for scoring and awarding STBG funds for RVTPO candidate projects.

Highway Funding Programs:

Advance Construction funds (AC) Advance construction can be used to fund emergency relief efforts and for any project listed in the Statewide TIP, including surface transportation, interstate, bridge, and safety projects. As with any Federal-aid project, to remain eligible for reimbursement, the agency must be able to meet project funding requirements to complete the project and follow all other Federal requirements as the project advances.

AC Conversion refers to the repayment of Advance Construction Funds.

ARRA

American Recovery and Reinvestment Act of 2009 provides federal funds to invest in transportation and other infrastructure projects that will provide long-term economic benefits, preserving and creating jobs and promoting economic recovery.

BR/BROS

Bridge Rehabilitation and Replacement program provides funding for bridge improvements. Eligibility for funding is based on a rating of bridge condition by VDOT as a candidate for upgrading.

DEMO

Federal Demonstration funds are included in federal transportation acts include demonstration, priority, pilot, or special interest projects in various Federal-aid highway and appropriations acts. These projects are generically referred to as "demonstration" or "demo" projects, because Congress initiated this practice of providing special funding for these projects to demonstrate some new or innovative construction, financing, or other techniques on specific projects.

EB/MG

The *Equity Bonus* (formerly known as *Minimum Guarantee)* ensures that each State receives a specific share of the aggregate funding for major highway programs (Interstate Maintenance, National Highway System, Bridge, Surface Transportation Program, Highway Safety Improvement Program, Congestion Mitigation and Air Quality Improvement, Metropolitan Planning, Appalachian Development Highway System,



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Recreational Trails, Safe Routes to School, Rail-Highway Grade Crossing, Coordinated Border Infrastructure programs, and Equity Bonus itself, along with High Priority Projects), with every State guaranteed at least a specified percentage of that State's share of contributions to the Highway Account of the Highway Trust Fund.

EN

Transportation Enhancement funds are now known as the *Transportation Alternatives Program* (see below).

HES

Hazard Elimination funds are contingent upon VDOT conducting and maintaining engineering surveys of all public roads to identify hazardous locations, sections, and elements, which may constitute a danger to motorists, bicyclists. VDOT may also develop and implement projects and programs to address the hazards. Federal funds are available for expenditure on: any public road; any public surface transportation facility or any publicly owned bicycle or pedestrian pathway or trail; or any traffic calming measure.

HPD

Highway Priority Demonstration TEA-21 High Priority Funds are federal funds made available to carry out high priority projects as set forth in the Transportation Efficiency Act for the 21st Century (TEA-21) legislation.

HSIP

Highway Safety Improvement Program (HSIP) is a data-driven, strategic approach program for infrastructure improvements for all highway travel modes. Emphasis is placed on strategies and actions with expected performance outcomes as documented in Virginia's Strategic Highway Safety Plan. There are three components to Virginia's HSIP program: 1) Highway Safety Program, 2) Bicycle and Pedestrian Safety Program, and 3) Highway-Rail Grade Crossing Safety Program.

IM

Interstate Maintenance (IM) program provides reconstruction, maintenance, and improvements to the National System of Interstate and Defense Highways. The Commonwealth Transportation Board (CTB) administers these programs.

NHPP

National Highway Performance Program (NHPP) provides support for the condition and performance of the National Highway System (NHS), for the construction of new facilities on the NHS, and to ensure that investments of federal-aid funds in highway construction are directed to support progress toward the achievement of performance targets established in VDOT's asset management plan for the NHS.

NHS

National Highway System (NHS) projects can be funded only if they are on the National Highway System, which is established by Congress.

Non-Federal

Any funding that does not come from federal sources is grouped into the non-federal funding category.







STBG

Surface Transportation Block Grant Program (STBG, formerly RSTP) the Surface Transportation Program (STP) provides federal funding that may be used by states and localities for a wide range of highway and transit projects. RSTP funds are STP funds that are apportioned to specific regions within a state. The Roanoke Valley TPO Policy Board is responsible for scoring and awarding STBG funds for RVTPO candidate projects.

SAFETEA-LU

The Safe Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users (SAFETEA-LU) is the federal transportation bill that provides federal transportation funding to each state. The SAFETEA-LU funding category refers to funding earmarks that Congress included in the legislation for specific projects. This funding can only be used for the project(s) for which it is earmarked.

SMART SCALE

The System Management and Allocation of Resources for Transportation (Safety, Congestion, Accessibility, Land Use Coordination, Environment, Economic Development) is a competitive grant program whereby localities, PDCs, MPOs, and transit providers apply for transportation projects which will be fully funded in the Six-Year Improvement Program. Applications are scored based on the six above listed factors.

STP

Surface Transportation Program (STP) can be utilized on any project located on a roadway that is classified higher than a minor collector. Projects eligible for funding under this program include construction, reconstruction, and rehabilitation, and bridge projects on any public road. Local STP funds are designated as L-STP.

SRTS

Safe Routes to School is a competitive grant program to enable and encourage children to safely walk and bicycle to school. Funds can be used for infrastructure improvements and educational programs.

TAP

Transportation Alternatives Set-Aside Program funds have been made available for bicycle and pedestrian facilities through MAP-21. The Transportation Alternatives Program redefines the former Transportation Enhancement (TE) Program and consolidates these eligibilities with the Safe Routes to School and Recreational Trails program eligibilities. The program is intended to help local sponsors fund community-based projects that expand travel choices and enhance the transportation experience by improving the cultural, historical and environmental aspects of the transportation infrastructure. The program does not fund traditional roadway projects or provide maintenance for these facilities. Instead it focuses on providing for pedestrian and bicycle facilities, community improvements and mitigating the negative impacts of the highway system. Projects with EN have previous Transportation Enhancement funds attached to them.







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The following table lists the acronyms for all potential funding sources.

Table 3: Acronyms for Funding Sources

AC	Advance Construction	ID	Interstate Discretionary
APD	Appalachian Development	IM	Interstate Maintenance
AD	Defense Access	IMG	Interstate Maintenance Grade Crossing
BOND	Bond Issue	IR	Interstate 4R
BR	Bridge Replacement	IX	Interstate Substitution
BROS	Bridge (off federal system)	м	Urbanized
BH	Bridge Rehabilitation	MG	Minimum Guarantee
СМ	Congestion Mitigation & Air Quality	MR	Maintenance Replacement
DEMO	Demonstration	NH	National Highway
EB	Equity Bonus	oc	Open Container
EN	Enhancement	RO	Repeat Offender
F	Consolidated Primary	5	State
FR	Federal Reimbursement Grant Repayment	SRTS	Safe Routes to School
FHW	Federal Highway Administration	STP	Surface Transportation Program
FTA	Federal Transit Administration	ТВ	Timber Bridge
HES	Hazard Elimination	TFR A	Toll Facilities Revolving Account
HPD	Highway Priority Demonstration	RRP	Rail Highway Protective Devices
HSIP	Highway Safety Improvement Program	RRS	Rail Highway Grade Separation
1	Interstate	VTA	Virginia Transportation Act of 2000

4.2 Project Allocations vs. Project Obligations

Often there is confusion surrounding the different funding states for projects in the TIP. Regarding the highway portion of the TIP, once a project is placed into the VDOT Six-Year Improvement Plan (SYIP) it must have funds allocated to it. Project allocations are the funds available each fiscal year as identified in VDOT's budget and SYIP. Allocation amounts include federal funds, state funds, and local/state matching funds. Funds are allocated for

VDUT of furgestation						0.06.47	ARNA	1000
1	Gen	ired Allo	cations					
Fund Searces	Θ	177015		EV2842			112528	After 177620
fiond Match: Illate Bond Match	50	90	80	40	40	50	80	-
Bridge Replacement Federal	\$37	30	50	50	50	50	10	
Bridge Replacement Federal	\$1.064	50	50	50	50	50	30	
Datactuide: Federal	504	50	50	50	50	50	50	
Soft Match: Federal	\$256	50	50	50	50	50	\$0	
ITP: Bridge - Federal	50	\$1.440	\$920	\$295	\$3,000	50	50	
STP: Bridge - Soft Match	50	\$362	\$230	\$71	\$826	50	\$0	
Total Funding	\$1,471	\$1,808	\$1,180	\$256	\$4,128	50	50	

Six, Vear Improvement Program

Preliminary Engineering (PE), Right-of-Way Acquisition (ROW) and Construction (CN).

An obligation is the Federal government's legal commitment to pay the Federal share of a project's cost. An obligated project is one that has been authorized by the Federal agency and for which funds have been committed. Projects for which funds have been obligated are not necessarily initiated or completed during the program year, and the amount of the obligation will not necessarily equal the total cost of the project.







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For projects under the auspices of the FTA, obligation occurs when the FTA grant is awarded. For projects under the auspices of the FHWA, obligation occurs when a project agreement is executed and the State/grantee requests that the funds be obligated.

A good way to think of obligations is setting up a checking account for a specific purpose and then making an initial deposit. In order to begin work on any phase of a transportation project, federal funds must be obligated. This means that the money is set aside for that particular piece of work, and then can be used to pay bills. The project expenses may be bills from a design consultant, a construction contractor, or payroll costs for Virginia Department of Transportation (VDOT) employees working on the project.

An obligation removed from a project, or released, is usually the result of a decrease in the cost estimate, a project awarded for a lesser amount than originally authorized at advertisement, or an FHWA Financial Integrity Review and Evaluation (FIRE) project level review.

Project schedules often change as a result of personnel or consultant availability for design activities, or changes in budget resource availability. Thus, the TIP does not always yield an up-to-date picture of actual project expenditures. To ensure that the public will have an accurate understanding of how federal funds are being spent on transportation projects, Congress included in the 2012 Moving Ahead for Progress in the 21st Century Act (MAP-21), a requirement that the organizations responsible for approving the TIP publish an Annual Listing of Transportation Project Obligations.

4.3 Do Project Obligations Mean the Work is Underway?

This is not always the case. Project accounts are set up, particularly for the initial phases of a project, to enable the work. It may take a while, for example, to select and hire a design consultant and then actually begin work.

Some projects listed in the TIP may show \$0 for planned obligations. There are several reasons this may occur and include:

- The project is complete and awaiting closeout
- Subsequent project phases are beyond the fouryear TIP cycle
- Informational purposes only, funding being pursued
- The project is to be funded from [category] group funding

				Fu	nding So	uroe / Am	nount				
UPC	Project Description	NHPP	M/NH	STP	ЕВ/МО	CMAQ	BROS	DEMO	SAFE	ARRA	T OT AL
					Botetou	rif Count	y.				
					Inte	erstate					
6188	Het - WIDEN	NOLA SOL	BRIDGE - 0.		JT H OF EXIT	162; EXIT 1	62 (0. 3700	M Q			
	TIP:	\$0	\$0	\$0	30	30	30	30	31	30	\$
	Obligated	\$0	\$0	\$0	\$0	\$0	\$0	\$0	20	\$0	\$
	Released:	\$0	(\$11,862)	\$0	30	30	30	30	30	20	\$11,953
										Remaining:	
5910	Het - MPRO	VENENTS P	OR SAFET Y	& CONGEST	KN AT EXIT	150 - 0.151	NEE NORT	H ROUTE			
	1039 (AT NS	RR); ROUT	E 653 (0.900	0 10 10							
	TIP:	\$0	\$12.76	\$0	\$0	\$0	\$0	\$0	\$31675	\$0	\$6,044,19
	Obligated	\$0	\$3,120,000	\$0	30	30	30	30	31	20	\$3,150,00
										Remaining:	\$3,194,19







In addition to construction projects, financial projections have also been made to show revenues for maintaining and operating the region's highway and transit systems during the same 4-year period. Funded TIP actions typically include, but are not limited to:

- Transportation studies
- Ground transportation system improvement projects (fixed-guide, highway, bicycle, pedestrian, commuter lots, etc)
- Public transit systems and services, including the components of coordinated human service mobility plans
- System maintenance (monitoring, repair and/or replacement of system facilities and support sites; snow removal; mowing; painting; rest area or weigh station sites; etc)
- System operations (ITS-TSM applications; traffic operations such as signalization, signal coordination, ramp meters, or message signs; roadside assistance; incident management; for the urbanized TMAs, their Congestion Management Process activities; VDOT traffic management centers; bridge-tunnel management; toll road or congestion pricing management; etc)

4.4 Financial Assumptions

The TIP financial plan is federally required to include only committed and/or reasonably available transportation funding sources. The estimates on funding sources and costs are based on reasonable financial principles and recent information. The financial estimates for both revenues and costs are given in year of expenditure dollars and reflect growth and inflation factors. VDOT costs estimates are from the VDOT Project Cost Estimating System. For projects not administered by the state, cost estimates are developed cooperatively through the TPO or responsible local government. Maintenance and construction program financial planning assumptions used for the FY 2018 – FY 2021 TIP are consistent with assumptions and distribution methodologies used for Vision 2040: Roanoke Valley Transportation.

4.5 Metropolitan Project Selection Overview

In metropolitan planning areas, transportation projects selected for federal funding in the TIP must be consistent with the approved Metropolitan Transportation Plan (Vision 2040: Roanoke Valley Transportation). All projects which are regionally significant (serving regional transportation needs), must be contained within the MTP. In addition, the State Transportation Improvement Program (STIP) submitted by the Commonwealth Transportation Board (CTB) to FTA and FHWA must be consistent with all the metropolitan TIPs.

Within this regulatory framework of metropolitan cooperation, the CTB has lead responsibility for selecting and programming federally funded Interstate Maintenance, Bridge, National Highway System, Statewide (nonmetropolitan) STP, Safety, Enhancement, and certain FTA Section 5310 projects. Local governments have lead responsibility for selecting projects within the urban and secondary roadway systems. The CTB adopts the Six-Year Program on an annual basis. The Six-Year Program (SYP) includes the Six-Year Improvement Program (SYIP) and the Secondary Six-Year Program (SSYP). These programs are developed by evaluation of existing and future needs based upon statewide and regional plans and projections, priorities for implementation of the transportation plan, and public comment on transportation priorities. Projects listed in the Six-Year Program are updated to reflect the latest revenue estimates, project costs, changes in priorities, and federal and state laws. Criteria used in selecting proposed projects and in developing project priorities include:







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- Conformance to the TPO adopted transportation plan and study area local governments/agencies plans and programs;
- MAP-21 planning factors:
 - Support the economic vitality of the metropolitan area, especially by enabling global competitiveness, productivity, and efficiency;
 - Increase the safety of the transportation system for motorized and non-motorized users;
 - Increase the security of the transportation system for motorized and non-motorized users;
 - Increase accessibility and mobility of people and freight;
 - Protect and enhance the environment, promote energy conservation, improve the quality of life, and promote consistency between transportation improvements and State and local planned growth and economic development patterns;
 - Enhance the integration and connectivity of the transportation system, across and between modes, for people and freight;
 - Promote efficient system management and operation;
 - Emphasize the preservation of the existing transportation system;
 - Improve the resiliency and reliability of the transportation system and reduce or mitigate stormwater impacts of surface transportation; and
 - \circ $\;$ Enhance travel and tourism.
- Provision of funding for previously programmed projects in need of additional funds; and
- Comments received as part of the TPO Public Involvement Process

4.6 FY 2018-2021 Transportation Improvement Plan Timeline

The following are action items resulting in the adoption of the RVTPO TIP:

- Fall 2016 Public meetings began in all nine VDOT Construction Districts and local administrators, legislators and citizens provided comments on the upcoming Six-Year Improvement Plan (of which TIP projects must be included).
- Fall 2016/Winter 2017 Localities (staffs and governing bodies), transit providers, VDOT and VDRPT staffs discuss project priorities for potential inclusion in the TIP.
- January 2017 The RVTPO Transportation Technical Committee (TTC) has a first review and comment of the draft TIP on January 11.
- April 13, 2017 The TTC performs a final review and recommendation on the draft TIP.
- April 27, 2017 The RVTPO Policy Board reviews the draft TIP and adopts it at its April 2017 meeting.







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5.0 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, 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).

The table below shows the timeline of target rollout.

Table 4: Performance Measures and Target Deadlines

Rule and Effective Date(s)	Performance Measures
Safety	1. Number of fatalities
Final Rule published 1/15/16.	2. Fatality rate (per 100 million VMT)
Effective date 1/14/16.	3. Number of serious injuries
RVTPO adopted PM targets	Serious injury rate (per 100 million VMT)
1/25/18.	5. Number of non-motorized fatalities and serious injuries.
Pavement and Bridge	1. % of pavements on the Interstate system in good condition
Final Rule published 1/18/17.	2. % of pavements on the Interstate system in poor condition
Effective date 5/20/17.	3. % of pavements on the non-Interstate NHS in good condition
RVTPO adopted PM targets	4. % of pavements on the non-Interstate NHS in poor condition
10/25/18.	% of NHS bridges classified as in good condition
	% of NHS bridges classified as in poor condition
Highway System Performance	1. % of person miles traveled on the Interstate system that are
Final Rule published 1/18/17.	reliable
Effective date 5/20/17.	2. % of person miles traveled on the non-Interstate NHS that are
RVTPO adopted PM targets	reliable
10/25/18.	3. % of Interstate system mileage providing for reliable truck
	travel times (Truck Travel Time Reliability)
Transit Asset Management	1. % of revenue vehicles that have met or exceeded their useful
Final Rule published 7/26/16.	life benchmark
Effective date 10/1/16.	2. % of non-revenue vehicles that have met or exceeded their
RVTPO adopted PM targets	useful life benchmark
10/25/18.	3. Percentage of track segments with performance restrictions
	 Percentage of facilities rated in poor condition

Regarding the new 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.

The Highway Safety Performance Measures and Targets were adopted on June 28, 2018 in Amendment #2 to the FY18-21 TIP. Future amendments to the TIP will be made according to the established federal timelines. Concurrent amendments to the 2040 Constrained Long-Range Multimodal Transportation Plan (CLRMTP) have and will be made to describe, in detail, performance measures and targets and to provide a system performance report current to the time of most recent CLRMTP adoption.

5.1 Safety Performance Measures

The Virginia 2017-2021 Strategic Highway Safety Plan (SHSP) provides a comprehensive framework for Virginia stakeholders to address transportation-related crashes. The vision for the plan is for every road user, whether driving, walking, bicycling, or taking transit, to "Arrive Alive" at their destination. The Virginia Department of Transportation and other state safety stakeholders will accomplish this by addressing the most pressing safety issues, through a combination of safety programs and projects. Within the CLRMTP and other short- and long-range transportation planning and programming activities, the RVTPO can apply information from the SHSP and the results of regional crash analysis to support investments that render regional and local travel safer and ultimately contribute to the "Arrive Alive" vision.

The Virginia SHSP is a data-driven plan which establishes a framework of emphasis areas, strategies, and actions to guide stakeholders toward the implementation of effective programs and projects. Key factors contributing to crashes are impaired driving, speed, occupant protection, roadway departures, intersections, young drivers, bicycles, and pedestrians. Each of these emphasis areas is supported by a range of multi-disciplinary (engineering, enforcement, education, and emergency response) strategies and actions to characterize effective solutions.

Federal legislation in 23 CFR §450.306(d)(2) requires the RVTPO to adopt or define five evidence-based safety performance measures and accompanying targets. The purpose of the targets is to help VDOT, and regional planning agencies, including the RVTPO, prioritize programs and projects that will reduce transportation-related fatalities and serious injuries. On January 25, 2018, the RVTPO adopted VDOT's five-year performance targets for the following five performance measures:

Performance Measure	2011-2015 Performance	Target Reduction	2013-2017 Target
Number of fatalities, 5-year rolling average	16	2% reduction	15
Rate of fatalities, 5-year rolling average	0.84	1.25% reduction	0.79
Number of serious injuries, 5-year rolling average	215	5% reduction	144
Rate of serious injuries, 5-year rolling average	11.17	11.5% reduction	7.47
Number of non-motorized fatalities and non-	18	4% reduction	16
motorized serious injuries, 5-year rolling average			

Strategies to meet safety performance measure targets are built into funding programs that utilize federal funds. Such programs include the Highway Safety Improvement Program (HSIP), System Management and Allocation of Resources for Transportation Safety Congestion Accessibility Land Use Economic



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Development Environment (SMART SCALE), and the Regional Surface Transportation Program (RSTP). The RVTPO and its member localities coordinate with the VDOT Salem District to identify improvements eligible for funding through HSIP. This includes corridor-specific and district-wide investments to deploy roadway departure countermeasures (signs, flashers, lighting, rumble strips) and traffic signal upgrades.

Virginia's SMART SCALE prioritization program awards points to projects for estimated reductions in fatality and serious injury crashes. When allocating RSTP funds, the RVTPO awards points to projects that increase safety and security of the transportation system. In addition, the VDOT Construction Districts also have the flexibility to address safety considerations, such as rumble strips or striping in coordination with resurfacing projects.

5.2 Pavement and Bridge Performance Measures Administrative adjustment – 10/7/19

Performance Targets

In accordance with the requirements of MAP-21 and the FAST Act, Virginia has established pavement and bridge condition performance targets as reported in Virginia's Baseline Performance Period Report for 2018-2021¹. This report, submitted to FHWA in October 2018, satisfies the federal requirement that State DOTs submit a Baseline Performance Period Report to FHWA by October 1st of the first year in a performance period. Performance measures for pavement condition are required for the National Highway System (NHS), while bridge condition requirements relate to structures identified as part of the National Bridge Inventory on the NHS. The pavement condition measures and established performance targets for the 2018-2021 performance period are indicated in Table 1 below.

Interstate Pavement Condition Measures ²	CY 2018-2019	CY 2018-2021
	Two-Year Target	Four-Year Target
Percentage of Pavements in Good Condition	N/A ³	45.0%
Percentage of Pavements in Poor Condition	N/A ³	3.0%
Non-Interstate NHS Pavement Condition Measures ⁴	2018-2019	2018-2021
	Two-Year Target	Four-Year Target
Percentage of Non-Interstate Pavements in Good Condition	25.0%	25.0%
Percentage of Non-Interstate Pavements in Poor Condition	5.0%	5.0%

 Table 1: Pavement Condition Measures and Performance Targets

Bridge condition measures and established performance targets for the 2018-2021 performance period are indicated in Table 2 below.

⁴ During this first performance period, Federal requirements for Non-Interstate NHS pavement condition and performance targets are based on a single distress, IRI. However, Federal guidance outlined in a September 27, 2018 Memorandum on State DOT Targets for Non-Interstate NHS Pavement Measures allows for the use of full distress data when reporting Non-Interstate NHS performance targets. Given the availability of full distress data, Virginia has chosen this approach and reported performance targets for Non-Interstate NHS pavements based on all four distresses. This allows for consistency in assessing the condition and setting performance targets for both Interstate and Non-Interstate NHS pavements.





¹ Virginia's Baseline Performance Period Report data is through December 2017.

² Interstate condition measures are based on four distresses: International Roughness Index (IRI), cracking, rutting, and faulting.

³ During this first performance period, States are not required to establish 2-year targets for interstate pavements; however, Virginia has chosen to establish performance targets and are 45.0% and 3.0% for percentage of pavements in good and poor condition, respectively.



Table 2: NHS Bridge Condition Measures and Performance Targets	as Condition Moscures	CV 2019 2010	CV 2
	Table 2: NHS Bridge Condition Measures and F	Performance Targets	

NHS Bridge Condition Measures	CY 2018-2019 Two-Year Target	CY 2018-2021 Four-Year Target
Percentage of Deck Area of NBI Bridges on the NHS in Good Condition	33.5%	33.0%
Percentage of Deck Area of NBI Bridges on the NHS in Poor Condition	3.5%	3.0%

Background/History

Virginia's history of monitoring asset conditions and utilizing performance information to determine investment strategies based on available funding levels spans over 10 years for pavements and bridges.

VDOT maintains a comprehensive inventory of all pavement and bridges on the state-maintained network. This inventory, which includes location, maintenance responsibility, ownership, and current condition or inspection information, serves as the foundation for life cycle planning, performance forecasting, maintenance and rehabilitation needs estimation, as well as prioritization of work to maximize asset life given available funding. Condition information is also important for communicating with external stakeholders, including the general public.

VDOT's commitment to responsible Transportation Asset Management (TAM) practice is demonstrated through VDOT's annual condition data collection programs and its establishment and publication of network level pavement and bridge performance goals. VDOT's current condition measures and performance goals have been in place for many years and are fully integrated into VDOT's budgeting process and investment strategies.

The federal pavement and bridge performance measures apply to a limited portion of the network for which VDOT is responsible (less than 15% of all lane miles and 18% of the bridge inventory).

Connection to Other Performance Based Planning Documents

VTrans, the state's long-range multimodal plan, provides the overarching vision and goals for transportation in the Commonwealth. The long-range plan provides a vision for Virginia's future transportation system and defines goals, objectives, and guiding principles to achieve the vision. It also provides direction to state and regional transportation agencies on strategies and policies to be incorporated into their plans and programs. The most recent approved long-range multimodal plan is VTrans2040.

Performance management, specifically as it relates to pavements and bridges, is included in the VTrans2040Vision, Goals & Objectives, and Guiding Principles as noted below:





□ Guiding Principle 5: Ensure Transparency and Accountability, and Promote Performance Management -Work openly with partners and engage stakeholders in project development and implementation, and establish performance targets that consider the needs of all communities, measure progress towards targets, and to adjust programs and policies as necessary to achieve the established targets.

□ Goal D: Proactive System Management - maintain the transportation system in good condition and leverage technology to optimize existing and new infrastructure.

o Objectives:

- □ Improve the condition of all bridges based on deck area.
- □ Increase the lane miles of pavement in good or fair condition.

Virginia's federally required Transportation Asset Management Plan (TAMP) presents pavement and bridge inventory and conditions, along with the Commonwealth's performance objectives, measures, and associated risks as they relate to the federal requirements. Asset funding, investment strategies, forecasts, goals, and gaps are also included. The TAMP is specific to the NHS and provides the Commonwealth's Transportation Asset Management (TAM) processes and methodology to meet federal requirements. Pavement and bridge projects included in the STIP are consistent with Virginia's reported TAM processes and methodology.

The program of projects in the STIP are directly linked to the pavement and bridge objectives outlined in VTrans2040 and the TAMP through the strategies and actions that are priorities in Virginia.

Funding for Pavement and Bridge Projects

There are two key funding sources for pavement and bridge projects, the Highway Maintenance and Operations Fund (HMOF) and State of Good Repair (SGR) program funds. The pavement and bridge funding is used for differing projects from routine maintenance to reconstructive work. Funds are allocated to pavement and bridge projects based on an annual needs assessment process supported by a data-driven prioritization and selection process. The prioritization process is the same for the various funding sources; however, the <u>State of Good Repair</u> program funds are designated for deteriorated pavements and structurally deficient bridges.

The SGR program requires funds be distributed proportionality between VDOT and localities, based on assessed needs. More details, including the requirements for pavements and bridges, and the SGR prioritization process methodology, can be found at: <u>State of Good Repair for Bridges</u> and <u>Local Assistance Funding Programs</u>.

VDOT has developed a robust asset management program, placing maintenance of the transportation network at the forefront of VDOT's investment decisions. This commitment to responsible asset management practice is demonstrated through VDOT's annual collection of condition data on pavements and bridges along with its establishment and publication of network-level pavement and bridge performance targets. For more than a decade, VDOT has monitored pavement and bridge conditions using performance information (measures and targets) to determine investment strategies based on available funding levels.

In the annual needs assessment process, VDOT assesses 100% of the pavement network on Virginia's Interstate and Primary systems and approximately 20% of the Secondary system. In 2016, VDOT assessed 100% of the Secondary pavement network to create a condition baseline. The pavement condition data is compiled, analyzed and reviewed to report the optimized needs at a roadway system and district level. VDOT's









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pavement program selects resurfacing projects, in relation to needs, and optimizes the timing of projects through a data-driven pavement management system.

For bridges, VDOT follows national standards in performing safety inspections and determining general condition of the structures. Condition assessments are performed by certified safety inspection personnel. The inspection program requires a qualified inspector to complete a "hands-on" review of the structure or bridge during each inspection. By federal regulation, VDOT is required to conduct detailed inspections of NBI structures at intervals not to exceed 24 months. VDOT uses BrM software to store bridge condition and inventory data for each structure and to program, schedule, and track bridge and structure inspections. The data collected during inspections allows VDOT to use a proactive approach to maintenance. Preventive maintenance and timely intervention repairs are performed to avoid and slow deterioration that leads to greater rehabilitation or replacement cost. Virginia's bridge maintenance program is large and complex, so in order to direct its efforts more easily, performance targets have been developed.

VDOT uses a prioritization process when determining funding for the pavement and bridge programs and prioritizes work ranging from preventative maintenance to replacement. The prioritization processes take into account similar factors such as condition, cost effectiveness, maintenance history, and traffic volumes. While the systematic prioritization processes are a guide to assist in funding projects, districts direct the work performed as the local experts.

How do Pavement and Bridge Projects get selected for Inclusion in the STIP?

As noted above, the funding to meet Virginia's pavement and bridge objectives and targets is allocated to projects in the CTB-approved SYIP and is consistent with VTrans2040. Each spring, the public is invited to comment on projects included in the draft SYIP prior to CTB approval. Since the SYIP is the foundation for the STIP, the program of projects in the STIP demonstrates support to achieve Virginia's pavement and bridge performance objectives and targets and is consistent with Virginia's TAMP.

RVTPO Performance Targets

Metropolitan Planning Organizations have the option to create their own Performance Targets or adopt those developed by VDOT. The RVTPO adopted the VDOT targets for Pavements and Bridges.

Interstate Pavement Condition Measures	CY 2018-2021	RVTPO 2019
	Four-Year Target	Data
Percentage of Pavements in Good Condition	45.0%	39.0%
Percentage of Pavements in Poor Condition	3.0%	0.10%
Non-Interstate NHS Pavement Condition Measures	2018-2021	RVTPO 2019
	Four-Year Target	Data
Percentage of Non-Interstate Pavements in Good Condition	25.0%	42.8%
Percentage of Non-Interstate Pavements in Poor Condition	5.0%	0.30%

Table 3: Pavement Condition Measures, Four-Year Targets, and RVTPO 2019 Data







Table 4: Bridge Condition Measures, Four-Year Targets, and RVTPO 2019 Data

NHS Bridge Condition Measures	CY 2018-2021 Four-Year Target	RVTPO 2019 Data
Percentage of Deck Area of NBI Bridges on the NHS in Good Condition	33.0%	10.7%
Percentage of Deck Area of NBI Bridges on the NHS in Poor Condition	3.0%	6.7%

5.3 Highway System Performance Performance Measures Administrative adjustment – 10/7/19

Performance Targets

In accordance with the requirements of MAP-21 and the FAST Act, Virginia has established performance targets for three reliability performance measures to assess the Highway System Performance. All three measures are included in Virginia's Baseline Performance Period Report for 2018-2021 which was submitted to FHWA in October 2018. This report satisfies the federal requirement that State DOTs submit a Baseline Performance Period Report to FHWA by October 1st of the first year in a performance period and establishes baseline performance as of December 31, 2017.

Performance of the NHS is measured by the level of travel time reliability. The travel time reliability performance measures and performance targets for the 2018-2021 performance period are indicated in Table 1 below.

Table 1: National Highway System Travel Time Reliability Performance Measures and Targets

NHS Travel Time Reliability Performance	CY 2018-2019 Two-Year Target	CY 2018-2021 Four-Year Target
Percent of Person Miles Traveled on the Interstate that are Reliable	82.2%	82.0%
Percent of Person Miles Traveled on the Non-Interstate NHS that are Reliable	N/A ¹	82.5%

The assessment for freight reliability is based on the truck travel time reliability index. The truck travel time reliability performance measure and performance targets for the 2018-2021 performance period are indicated in Table 2 below.

Table 2: Freight Reliability Performance Measure and Targets

Truck Travel Time Reliability Performance	CY 2018-2019 Two-Year Target	CY 2018-2021 Four-Year Target
Truck Travel Time Reliability Index	1.53	1.56

¹ During this first performance period, States are not required to establish 2-year targets for the Non-Interstate NHS reliability measure.







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Connection to Other Performance Based Planning Documents

VTrans, the state's long-range multimodal plan, provides the overarching vision and goals for transportation in the Commonwealth. The long-range plan provides a vision for Virginia's future transportation system and defines goals, objectives, and guiding principles to achieve the vision. It also provides direction to state and regional transportation agencies on strategies and policies to be incorporated into their plans and programs. The most recent approved long range multimodal plan is VTrans2040.

VTrans2040 identifies the most critical transportation needs in Virginia to ensure the overarching transportation goals in the long-range plan are achieved. The screening process was informed by a data-driven approach that considers highway system performance measures and targets in addition to other performance indicators.

Performance management, as it relates to the reliability of the NHS and freight, is included in the VTrans2040Vision, Goals & Objectives, and Guiding Principles as noted below:

- Guiding Principle 4: Consider Operational Improvements and Demand Management First

 Maximize capacity of the transportation network through increased use of technology and operational improvements as well as managing demand for the system before investing in major capacity expansions.
- Goal A Economic Competitiveness and Prosperity: invest in a transportation system that supports a robust, diverse, and competitive economy.
 - Objectives:
 - Reduce the amount of travel that takes place in severe congestion.
 - Reduce the number and severity of freight bottlenecks.
 - Improve reliability on key corridors for all modes.
- Goal B Accessible and Connected Places: increase the opportunities for people and businesses to efficiently access jobs, services, activity centers, and distribution hubs.
 - Objectives:
 - Reduce average peak-period travel times in metropolitan areas.
 - Reduce average daily trip lengths in metropolitan areas.
 - Increase the accessibility to jobs via transit, walking and driving in metropolitan areas.

Additionally, the Virginia Freight Element (VFE), a component of VTrans2040, discusses freight system trends, needs, and issues. The VFE also includes freight policies, strategies, and performance measures that guide Virginia's freight-related investment decisions.

Projects included in the STIP are directly linked to the Highway System Performance objectives outlined in VTrans2040 and associated needs analysis, and the VFE through the strategies and actions that are priorities in Virginia.

Funding for Highway System Performance Projects

SMART SCALE, Virginia's data-driven prioritization process for funding transportation projects, considers the potential of a project to improve reliability. In order to be considered for SMART SCALE, a project must first meet a need identified in VTrans2040, thus strengthening the connection between the planning and programming processes. Congestion mitigation, safety, accessibility, economic development, environment,







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and land use are the factors used to score SMART SCALE projects. Freight considerations are included in the economic development factor.

The FAST Act established a National Highway Freight Program, including a freight-specific funding program to highlight the focus on freight transportation needs. Projects eligible for National Highway Freight Program (NHFP) funding must contribute to the efficient movement of freight on the National Highway Freight Network (NHFN) and be included in the VFE. VDOT uses NHFP funding to construct freight beneficial projects identified through the SMART SCALE process.

SMART SCALE screening and scoring results, along with public feedback and CTB guidance, are used to develop the SYIP.

Other projects selected for funding are subject to program specific prioritization processes approved by the CTB. All funding (federal, state, and other sources) for transportation projects are allocated to projects in the CTB approved SYIP.

How do Highway System Performance Projects Get Selected for Inclusion in the STIP?

As noted above, the funding for all transportation projects, including funding for projects to meet Virginia's NHS system performance and freight movement targets is allocated to projects in the CTB approved SYIP, and is consistent with VTrans2040 and the VFE. Since the SYIP is the foundation of the STIP, the program of projects in the STIP demonstrates support to achieve Virginia's NHS and Freight Reliability performance objectives and targets.







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5.4 Transit Asset Management Performance Measures

The National Transit Asset Management System Final Rule (49 U.S.C 625) specifies four performance measures, which apply to four TAM asset categories: equipment, rolling stock, infrastructure, and facilities. Figure 2 describes each of these measures.

Asset Category	Relevant Assets	Measure	Measure Type	Desired Direction
Equipment	Service support, maintenance, and other non-revenue vehicles	Percentage of vehicles that have met or exceeded their ULB	Age-based	Minimize percentage
Rolling Stock	Buses, vans, and sedans; light and heavy rail cars; commuter rail cars and locomotives; ferry boats	Percentage of revenue vehicles that have met or exceeded their ULB	Age-based	Minimize percentage
Infrastructure	Fixed guideway track	Percentage of track segments with performance (speed) restrictions, by mode	Performance- based	Minimize percentage
Facilities	Passenger stations, parking facilities, administration and maintenance facilities	Percentage of assets with condition rating lower than 3.0 on FTA TERM Scale	Condition- based	Minimize

Table 1: TAM Performance Measures by Asset Category

FTA = Federal Transit Administration. TAM = Transit Asset Management. TERM = Transit Economic Requirements Model. ULB =

Useful Life Benchmark.

Two definitions apply to these performance measures:

- Useful Life Benchmark (ULB)—"The expected lifecycle of a capital asset for a particular transit provider's operating environment, or the acceptable period of use in service for a particular transit provider's operating environment." For example, FTA's default ULB of a bus is 14 years.
- FTA Transit Economic Requirements Model (TERM) Scale—A rating system used in FTA's TERM to describe asset condition. The scale values are 1 (poor), 2 (marginal), 3 (adequate), 4 (good), and 5 (excellent).

The National Transit Asset Management System Final Rule (49 U.S.C. 625) requires that all transit agencies that receive federal financial assistance under 49 U.S.C. Chapter 53 and own, operate, or manage capital assets used in the provision of public transportation create a TAM plan. Agencies are required to fulfill this requirement through an individual or group plan. The TAM rule provides two tiers of requirements for transit agencies based on size and operating characteristics:

- A Tier I agency operates rail OR has 101 vehicles or more all fixed route modes OR has 101 vehicles or more in one non-fixed route mode.
- A Tier II agency is a subrecipient of FTA 5311 funds OR is an American Indian Tribe OR has 100 or less vehicles across all fixed route modes OR has 100 vehicles or less in one non-fixed route mode.

The Department of Rail and Public Transportation (DRPT) is the sponsor for the Statewide Tier II Group Plan. The Roanoke Valley Transportation Planning Organization programs federal transportation funds for the Greater Roanoke Transit Company, Unified Human Services Transportation Systems, Inc. (RADAR), Southern Area Agency on Aging, and Lutheran Family Services of Virginia. Greater Roanoke Transit Company/Valley







Metro is a Tier II agency participating in the DRPT sponsored group TAM Plan. The MPO has integrated the goals measures and targets described in the <u>Federal Fiscal Year 2018 Group Transit Asset Management Plan</u> and 2020 plan Addendum into the MPO's planning and programming process specific targets for the Tier II Group TAM Plan are included in the table below.

Asset Category - Performance Measure	Asset Class	2020 Target*
Revenue Vehicles		
	AB - Articulated Bus	
Age - % of revenue	BU - Bus	
vehicles within a particular	CU - Cutaway	
asset class that have met	MB - Minibus	
or exceeded their Useful	BR - Over-the-Road Bus	
Life Benchmark (ULB)	TB - Trolley Bus	
	VN - Van	
Equipment		
Age - % of vehicles that have met or exceeded	Non-Revenue/Service Automobile	
their Useful Life Benchmark (ULB)	Trucks and other Rubber Tire Vehicles	
Facilities		
Condition - % of facilities	Administrative and Maintenance Facility	
with a condition rating	Administrative Office	
below 3.0 on the FTA	Maintenance Facility	
TERM Scale	Passenger Facilities	

Table 2: TAM Targets for rolling stock and facilities: Percentage of Revenue Vehicles that have met or exceeded their ULB by Asset Type

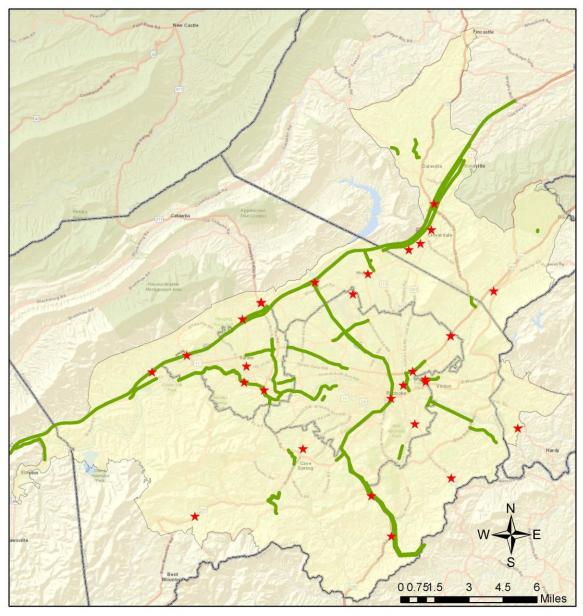






6.0 Roadway Projects

This section summarizes the TIP roadway projects. An overall map of the TIP projects is shown below. More detailed project information is provided in Appendices A and B.



FY 2018-2021 Transportation Improvement Program











The tables below list the TIP projects by locality. Note the following explanations for the project groupings:

Grouped (BR/R/R) = (Bridge Rehabilitation/Replacement/Reconstruction) Grouped (S/ITS/OI) = (Safety/Intelligent Transportation Systems/Operational Improvements) Grouped (TE/B/Non-T) = (Transportation Enhancement/Byway/Non-Traditional) Grouped (Maint. & Syst. Pres.) = (Preventive Maintenance and System Preservation) Grouped (Maint. Bridges) = (Preventive Maintenance for Bridges) Grouped (Maint. Traf. & Safety Op) = (Maintenance of Traffic and Safety Operations)

6.1 Bedford County

Construction: BR/R/R

System	UPC	Project Name	Description	Street/Route	Estimate
Secondary	62650	Rte. 634 over Roanoke River Bridge Replacement	From 0.19 mi. West of Franklin Co. line to 0.12 mi. East of Bedford Co. line (0.300 mi.)	Route 634	\$11,970,041

Construction: SITS/OI

System	UPC	Project Name	Description	Street/Route	Estimate
Primary	107053	Rte. 24 – Bedford Co. Safety Improvements	From Rte. 886 to 0.26 mi. east of Rte. 635 (1.50 mi.)	VA Route 24	\$1,600,000
Primary	107063	Rt. 221 Bedford Co. - Bike & Ped Safety Improvements	FROM: 0.09 miles North of Route 1049 TO: 0.06 miles South of Route 621	U.S. 221	\$2,550,000
Primary	109582	Route 460 Safety Improvements	FROM: 0.49 miles East of Route 741 TO: 0.64 miles East of Route 689	U.S. 460	\$4,510,000







6.2 Botetourt County

System	UPC	Project Name	Description	Street/Route	Estimate
Interstate	75910	U.S. 11, 220, 220A Access Management Project at I-81 Exit 150	From 0.30 mi. south of U.S. 220 to 0.74 mi. north of U.S. 220 (1.0410 mi.)	I-81	\$50,185,950

Construction: BR/R/R

System	UPC	Project Name	Description	Street/Route	Estimate
Primary	77300	Rte. 11 over Tinker Creek Bridge Replacement (Str. 03166)	From 0.04 mi. north of Rte. 1039 to 0.13 mi. north of Rte. 1039 (0.09 mi.)	U.S. 11	\$5,120,000
Primary	77302	Rte. 11 over Tinker Creek Bridge Replacement (Str. 3167)	From Rte. 838 to 0.09 mi. north of Rte. 838 (0.09 mi.)	U.S. 11	\$3,992,000
Secondary	52803	Rte. 779 Intersection Improvements & Bridge over Amsterdam Creek	From 0.169 mi. east Rte. 672 east to 0.236 mi. west Rte. 672 east (0.4213 mi.)	Rte. 779	\$7,857,623
Primary	82226	Rte. 11 over Beckner Branch (STR. 03160) – Bridge Replacement	From: 0.076 mi. north of I-81 To: 0.300 mi. south of Rte. 641	U.S. 11	\$5,629,000
Secondary	90086	Rte. 738 over Glade Creek (Str. 03516 and 03517) – Bridge Replacement	From Int. of U.S. 460 to 0.339 mi. east of Int. 460 (0.1600 mi.)	Rte. 738	\$4,949,536







Construction: SITS/OI

System	UPC	Project Name	Description	Street/Route	Estimate
Interstate	104048	FY13-14 VMS Installation: I-81	From NB to MM 147.5 to SB at MM 172.0	I-81	\$608,647
Interstate	106737	#SGR FY17 SGR I-81 NB Botetourt Co. Concrete Undersealing	From MM 149.5 S. End RR Overpass to S. End of Rte. 779 Overpass (2.1 mi.)	I-81	\$4,600,000
Primary	103210	U.S. 220 Corridor – Replace 2 Narrow Structures	From 0.239 mi. N. of Rte. 43 to 0.63 mi. S. of Rte. 694 (0.931 mi.)	U.S. 220	\$8,581,000
Primary	115457	#SMART20 – Rte. 220 at International Pkwy. Intersection	RCUT Intersection	U.S. 220 from 0.25 N. International Pkwy.	\$4,551,000

Construction: TE/B/Non-T

System	UPC	Project Name	Description	Street/Route	Estimate
Enhancement	107521	Daleville Greenway - TAP			\$595,438
Enhancement	T21491	U.S. 220 / International Parkway Intersection Study and Design		U.S. 220 and International Parkway	\$300,000







6.3 Montgomery County

Construction: SITS/OI

System	UPC	Project Name	Description	Street/Route	Estimate
Interstate	92558	Rte. 603 – Ironto/Elliston Connector	From I-81 Exit 128 to Int. of U.S.11/460 (2.011 mi.)	Route 603	\$17,770,264
Primary	110624	#SGR - Route 11 over NSRR (STR. 12118) - Deck Replace	From: 1.5 mi. W. Roanoke Co. line To: 1.7 mi. W. Roanoke Co. line	U.S. 11	\$2,625,000







6.4 Roanoke County

System	UPC	Project Name	Description	Street/Route	Estimate
Interstate	110395	#HB2.FY17 I-81 Aux Ln Fr Exit 141 -143 Garvee Debt Service	I-81 NB from Exit 141 to 143	I-81	\$38,409,000
Interstate	111983	#SMART18 - 81 SB Auxiliary Lane from Exit 143-141 Garvee Debt Service	I-81 SB from Exit 143 to 141	I-81	\$39,444,000
Interstate	111373	#SMART18 – I-81 SB Auxiliary Lane from Exit 143 to 141	From: Exit 143 SB To: Exit 141 SB	I-81	\$32,168,000
Interstate	113570	I-581 Exit 2 Interchange Study	Preliminary Engineering	I-581	\$150,000
Primary	17698	Rte. 11/460 – Widen to 4-lane w/ curb, gutter and raised median	From 0.055 mi. east of WCL Salem to 0.10 mi. west Rte. 830 (2.1880 mi.)	West Main St./U.S. 11	\$47,139,261
Primary	98220	Rte. 115, Plantation Road Corridor Improvements	From Williamson Rd (Rte. 11) to Gander Way/Friendship Ln (0.720 mi.)	Plantation Road/115	\$1,566,835
Primary	108905	#HB2.FY17 Lila Dr / Rte 115 Intersection Safety Improvements	FROM: Lila Drive TO: Route 115 (Plantation Road) (0.1000 MI)	Plantation Road/115	\$1,269,396
Primary	95812	ARRA - Roanoke 221 Reconstruct to 4 Lanes (CN Phase only)	FROM: 0.035 Km. S. Rte. 688 TO: 1.478 Km. N. Rte. 688 (1.5120 KM)	U.S. 221	\$25,332,937







Primary	96139	ARRA-C Roanoke 221 Reconstruct to 4 Lanes (CN Phase Only)	FROM: 0.035 km. S. Rte. 688 TO: 1.478 km N. Rte. 688 (1.5120 KM)	U.S. 221	\$105,024
Primary	108904	#HB2.FY17 Route 311 / Route 419 Int. Safety & Congestion Imp	FROM: Intersection of Rte 311 & Rte 419 TO: Intersection of Rte 311 & Rte 419 (0.1000 MI)	Catawba Valley Dr./Rte. 311	\$1,957,006

Construction: BR/R/R

System	UPC	Project Name	Description	Street/Route	Estimate
Primary	77305	Rte. 116 over Back Creek (Str. 14928) – Bridge Replacement	From 0.285 mi. S. Rte. 945 to 0.584 mi. S. Rte. 945	Rte. 116	\$7,213,000
Primary	82193	U.S. 220 over Back Creek (Str. 14935) – Bridge Replacement	From 0.199 mi. S. of Rte. 657 to 0.33 mi. N. of Rte. 657 (0.531 mi.)	U.S. 220	\$18,885,000
Primary	94726	U.S. 221 over Martins Creek (Str. 14945) – Bridge Replacement	From 0.01 mi. S. of Int. of Rte. 696 to 0.01 mi. N. Int. Rte. 696	U.S. 221	\$3,648,210
Secondary	110620	Rte. 760 over Roanoke River (STR. 15105) – Super Replacement	Rehab w/o added capacity. From: 0.15 mi. S. Salem City Line To: 0.00 mi. Int. Rte. 639	Route 760	\$2,281,000







Roanoke Valley Transportation PLANNING ORGANIZATION REGRONAL commission

Construction: SITS/OI

System	UPC	Project Name	Description	Street/Route	Estimate
Interstate	99542	I-81 Exit 140 Park and Ride Facility Expansion	From Int. Rte. 1128 and Rte. 1150 to 0.17 mi. W. of Int. Rte. 1128 and 1150 (0.17 mi.)	I-81	\$3,353,000
Interstate	108418	I-81 Install Signs with Flashers	From MM 137.72 to MM 138.18 (0.46 mi.)	l-81	\$28,280
Interstate	108906	#HB2.FY17 I-81 NB Auxiliary Lane from Exit 141 to 143	From Exit 141 NB to MM 143 NB (2.0 mi.)	I-81	\$29,830,716
Interstate	T21583	I-81 Exit 137 SB Safety Improvements	From: Beginning of I-81 Exit 137 SB Off-Ramp To: End of I-81 Exit 137 SB Off-Ramp	I-81	\$1,500,000
Primary	107054	Rte. 311 -Roanoke County Pedestrian Safety Improvements	From NCL Salem to 0.02 mi. N. of I- 81 SB ramp (0.09 mi.)	Rte. 311	\$615,000
Primary	107061	#HB2 FY17 Rte. 419 Safety Improvements at Tanglewood	From Rte. 419 to Rte. 867 (0.60 mi.)	Rte. 419	\$5,853,432
Primary	107055	U.S. 11 and Rte. 117 – Roanoke County Bike & Ped Safety Improvements	From Rte. 117 to U.S. 11	Rte. 117 and U.S. 11	\$1,000,000







Primary	108882	#SMART18 – West Main Street Sidewalk Installation	From: West Salem City Limit To: 0.018 Mi. W. Int. Rte 830 (Technology Drive)	U.S. 11	\$1,037,000
Primary	111066	Pedestrian Bridge over Rte. 311	From: Route 864 To: 0.2 miles North of Route 864	Route 311	\$2,880,000
Secondary	113144	Starkey Road/Buck Mountain Road Intersection Improvements	Reconstruction w/added capacity, FROM: Starkey Road TO: Buck Mountain Road	Starkey Rd. & Buck Mountain Rd.	\$2,098,000
Interstate	113173	I-81 Exit 137 SB Safety Improvements	FROM: Beginning of I-81 Exit 137 SB Off-Ramp TO: End of I-81 Exit 137 SB Off-Ramp	I-81	\$1,500,000
Primary	111407	#SMART18 – Rte. 419 & Rte. 221 Adaptive Traffic Control	Installation of adaptive traffic control devices from U.S. 221 (Brambleton Ave.) to Rte. 419 (Electric Rd.)	Route 419	\$663,000
Primary	T21464	Pedestrian Improvements on Route 11	From: Clubhouse Drive To: 0.2 mi. South of Greenway Drive	U.S. 11	\$750,000
Primary	T21497	Route 419/U.S. 220 Diverging Diamond Interchange Study/PE	Preliminary Engineering	VA 419/U.S. 220	\$750,000







Secondary	15190	Rte. 688 - Reconstruction	From 0.056 mi. S. U.S. 221 to 0.105 mi. S. Rte. 934 (0.6566 mi.)	Rte. 688 / Cotton Hill Road	\$6,532,659
Secondary	15187	Rte. 1662 – Reconstruction and Replace Bridge over Mud Lick Creek	From Int. of Rte. 1663 to Int. of Rte. 419 (0.468 mi)	Rte. 1662 / McVitty Rd.	\$14,590,943
Secondary	15188	Rte. 1663 – Reconstruct Drainage Structure Mud Lick Creek	From S. Int. U.S. 221 to Int. of Rte. 1662 (0.283 mi.)	Rte. 1663 / Old Cave Spring Lane	\$4,714,799
Secondary	T21499	Starkey Rd./Buck Mountain Rd. Intersection Improvements	Reconstruction w/o added capacity. From: Starkey Rd. To: Buck Mountain Road	Intersection of Routes 604 & 679	\$2,098,000

Construction: TE/B/Non-T

System	UPC	Project Name	Description	Street/Route	Estimate
Enhancement	91191	Roanoke River Greenway – City of Roanoke to Blue Ridge Parkway			\$6,857,566
Enhancement	97171	#HB2.FY17 Roanoke County, RRG, Green Hill Park to Riverside Park	From Green Hill Park to Riverside Park (1.7330 mi.)		\$8,931,000
Enhancement	103607	Roanoke County – Plantation Road Streetscape Improvements	From Williamson Rd. (U.S. 11) to Gander Way/Friendship Lane (0.72 mi.)	Rte. 115 / Plantation Road	\$5,297,128







Enhancement	103495	Low Water Bridge for HRB Trail near Int. of Routes 419 & 311			\$368,630
Urban	111366	#SMART18 – Plantation Rd. Bike/Ped/Streets cape Phase II	From: Walrond Drive To: Gander Way	Route 115	\$1,752,000
Enhancement	113356	Roanoke River Greenway Parkway Crossing	Construction of greenway from 3204 Highland Rd. to 3404 Rutrough Rd.		\$492,000
Enhancement	T21498	Roanoke River Greenway through Explore Park	Construction of greenway through Explore Park	Explore Park	\$3,020,000







6.5 City of Roanoke

System	UPC	Project Name	Description	Street/Route	Estimate
Urban	688	13th Street and Hollins Road	Reconstruction w/added capacity, FROM: Jamison Ave TO: .08 Mi. N. INT. Orange Ave.	Intersection of 13th St. & Hollins Rd.	\$23,961,000
Interstate	16595	Rte. 581 – Valley View Interchange Phase II	From 0.30 mi. south Rte. 101 (Hershberger Rd.) to 1.560 mi. south Rte 101	I-581	\$60,409,490

Construction: SITS/OI

System	UPC	Project Name	Description	Street/Route	Estimate
Interstate	94089	ARRA I-581 at Elm Ave. (Design- Build)	From exit ramps accessing Elm Avenue to 0.016 mi. W. Williamson Rd 0.045 mi E. 4 th Street SE on Elm Avenue (0.224 mi.)	I-581	\$22,907,827
Interstate	97231	ARRA-C I-581 at Elm Avenue (Design-Build)	From exit ramps accessing Elm Avenue to 0.016 mi. W. Williamson Rd 0.045 mi. E. 4 th Street SE on Elm Avenue (0.224 mi.)	I-581	\$911,783
Primary	109558	Flashing Yellow Arrow Upgrade – Williamson Rd. & Airport Rd.	From Williamson Rd. to Airport Rd.	U.S. 11 / Williamson Rd.	\$16,000
Primary	109562	Flashing Yellow Arrow Upgrade – Valley View	From Valley View Blvd. NW to Valley View Ave. NW	Valley View Blvd. NW	\$23,000







Primary	109567	Flashing Yellow Arrow Upgrade – Jefferson St. & Elm Ave.	From Elm Ave. to Jefferson St.	Elm Avenue	\$24,000
Primary	109570	Orange Ave./Hollins Rd. Signal Upgrade	Int. of U.S. 460 and Route 115	U.S. 460 & Rte. 115	\$545,000
Primary	108908	#HB2.FY17 – U.S. 220 Adaptive Communications and System Project	From Valley Avenue/Southern Hills Dr. SW to Clearbrook Village Ln. (2.0 mi.)	U.S. 220 / Franklin Rd.	\$422,500
Primary	109566	Orange Ave./Blue Hills Signal Upgrade – City of Roanoke	From Orange Ave. to Blue Hills	U.S. 460 / Orange Ave.	\$16,000
Primary	109570	Orange Ave./Hollins Rd. Signal Upgrade – City of Roanoke	From U.S. 460 to Rte. 115	Orange Ave. NE	\$265,000
Secondary	109569	Flashing Yellow Arrow Upgrade – Brandon Ave. & Colonial Ave.	From Brandon Ave. to Colonial Ave.	Brandon Ave. (8029)	\$16,000
Urban	111135	Flashing Yellow Arrow - Various Locations - Roanoke City	Various	N/A	\$277,000
Urban	111137	Rectangular Rapid Flashing Beacons - Roanoke City	Various	N/A	\$108,000
Urban	111360	Franklin Road Sidewalk Improvements- Rt. 220 B- Roanoke City	bike/ped improvements, FROM: 3100 Block TO: 3700 Block	U.S. 220 Bus./Franklin Rd.	\$1,495,000







Urban	111370	#Smart18 - Hollins Rd. & Orange Ave. Intersection Improvements	Reconstruction w/added capacity FROM: Orange Ave TO: Hollins Rd	Intersection of Hollins Rd. & Orange Ave.	\$3,552,000
Urban	113324	Installation of Pedestrian Countdown Signal - Roanoke	FROM: Gainsboro Road TO: Burrell Street	From Gainsboro Rd. to Burrell St.	\$102,000
Urban	111135	Flashing Yellow Arrow	Various Locations		\$277,000
Urban	111137	Rectangular Rapid Flashing Beacons	Various Locations		\$108,000
Urban	113324	Installation of Pedestrian Countdown Signal	Installing pedestrian countdown signals	Gainsboro Rd. to Burrell St.	\$102,000
Urban	113569	State Road 118 Tunnel Lighting Improvements		Airport Road tunnel	\$385,000
Urban	115454	#SMART20 – Orange Ave. (U.S. 460) Improvements	Safety improvements	From King St. to Blue Hills/Mexico Way	\$2,819,000

Construction: TE/B/Non-T

System	UPC	Project Name	Description	Street/Route	Estimate
Enhancement	105439	Roanoke River Greenway (Bridge St. to Aerial Way Dr.) - RSTP	From Bridge St. to Aerial Way Dr. (1.8 mi.)	Roanoke River Greenway	\$7,605,000
Enhancement	103345	RR Greenway – Bike/Ped between Vic	From Vic Thomas Park to Ghent Hill Park (0.25 mi.)	Memorial Ave.	\$248,316







		Thomas & Ghent Hill Parks			
Enhancement	103592	Virginia Railway Station Restoration Phase 2	Virginia Railway Station		\$1,014,930
Enhancement	106265	Garden City Blvd. Bike/Ped - TAP	From Davenport Ave./Ivywood St. to Riverland Rd.	Garden City Blvd.	\$1,000,000
Enhancement	106266	ADA Bus Facilities - TAP	From Barnett Rd. (WCL) to Salem Turnpike (2.80 mi.)	Melrose Ave.	\$205,980
Miscellaneous	102856	City of Roanoke – SRTS Garden City ES- Sidewalks, etc.	From Yellow Mtn. Rd. to Ivywood St. (0.74 mi.)	Garden City Blvd.	\$507,793
Miscellaneous	105015	Downtown Roanoke Multimodal Transportation Study		Roanoke City	\$300,000
Miscellaneous	110101	Tinker Creek Trail Extension	FROM: Wise Avenue TO: Masons Mill Park	N/A	\$7,251,000
Miscellaneous	T20130	Tinker Creek Greenway Connectivity Study	Preliminary Engineering, from Roanoke City to Botetourt Co.		\$100,000
Urban	108896	#HB2.FY17 Colonial Avenue Improvements	Bike/ped facilities. From: 300 ft. beyond Winding Way Rd. SW To: Clearfield Rd. SW	Colonial Avenue	\$7,000,000







Urban	T21494	Roanoke River Greenway Bridge Across Barnhardt Creek	Bike/ped facilities, FROM: City of Roanoke TO: City of Salem	Roanoke River Greenway	\$978,000
Urban	T21496	Tinker Creek Greenway Trail Bridges	Bike/ped facilities, FROM: 13th St & Mason Mill Rd TO: 20th St & Mason Mill Rd	Tinker Creek Greenway	\$484,000
Primary	78217	Rehabilitation of Virginia Railway Station		Williamson Rd.	\$489,999
Public Transportation	T14242	Bus Replacement for SmartWay Commuter Service	From Roanoke to Blacksburg	Roanoke City	\$560,000
Enhancement	111317	#SMART20 – Williamson Rd. Sidewalk Improvements	Pedestrian and bicycle facilities	U.S. 11 from Peters Creek Road to Plantation Road	\$1,934,000







Urban	109288	#HB2.FY17 Transit Accessibility Improvements on Edgewood St.	From Windsor Ave. to Memorial Ave.	Edgewood St.	\$350,811
Urban	72180	City of Roanoke RR Greenway within the City of Roanoke Limits			\$2,550,285







6.6 City of Salem

Construction: SITS/OI

System	UPC	Project Name	Description	Street/Route	Estimate
Urban	8753	#HB2.FY17 U.S. 460-Widen to 3 Lanes with Bike Lane, Curb, Sidewalk	From 0.028 mi. W. of Rte. 311 (Thompson Memorial Blvd.) to 0.006 mi. W. of Brand Ave. (0.5473 mi.)	East Main Street / U.S. 460	\$15,223,263
Urban	100656	Construct Sidewalk on West Side of 419 and Connect to RRG	From existing RRG in Rotary Park to city limits (0.67 mi.)	Route 419	\$594,720

Construction: TE/B/Non-T

System	UPC	Project Name	Description	Street/Route	Estimate
Enhancement	105206	Apperson Dr./Route 11 Bridge – Sidewalk Expansion (PH4 RRG)	From E. Riverside Dr. to Electric Rd./Rte. 419 (0.06 mi.)	Apperson Dr.	\$1,230,845
Enhancement	101838	Bridge on Phase 3A- City of Salem RR Greenway	From approx. 1200 feet E. Mill Ln. to Eddy St.	Roanoke River Greenway	\$744,028
Enhancement	106268	Hanging Rock Battlefield Trail - TAP	From existing Hanging Rock Battlefield Trail to E. Main St.	Hanging Rock Battlefield Trail	\$1,333,117
Enhancement	109612	Downtown Streetscape and Intersection Improvements			\$613,000







Primary	111367	#Smart18 - Mason Creek Greenway Ph3 - 419 Multimodal Impr.	Bike/Ped facilities, FROM: Mason Creek Greenway TO: Hanging Rock Battlefield Trail	Mason Creek Greenway	\$2,610,000
Urban	111371	#Smart18 - Downtown Salem Int. & Streetscape Improvements	FROM: West Main St TO: East Main St	East and West Main Street	\$3,630,000
Urban	108899	#HB2.FY17 Multimodal Improvements Along Boulevard	From McDivitt Rd. to Salem city limit (0.75 mi.)	Boulevard	\$884,880
Urban	56409	City of Salem – Construction of 7- Mile Bicycle/Pedestrian	From western limits of Green Hill Park, Roanoke County to ECL City of Salem (7.0 mi.)		\$2,004,098
Urban	T21500	Elizabeth Greenway	Bike/ped facilities		\$1,012,000







6.7 Town of Vinton

Construction: BR/R/R

System	UPC	Project Name	Description	Street/Route	Estimate
Urban	76677	Replace Bridge and Approaches over Glade Creek	From 0.098 west of 5 th St. to 0.052 mi. east of 5 th St. (0.15 mi.)	Walnut Ave.	\$3,309,865

Construction: SITS/OI

System	UPC	Project Name	Description	Street/Route	Estimate
Urban	105213	Rte. U000-Walnut Ave. Phase I- Southwest Stripe, Crosswalks and Landscape	From 5 th St. to W. Lee Ave.	Walnut Ave.	\$88,000
Miscellaneous	111649	Walnut Ave Bike/Ped Accommodations (5th St to town Limit)	Bike/Ped facilities, FROM: 5th Street TO: Town Limits	Walnut Avenue	\$1,446,000
Urban	113322	Hardy Road/Dillon Woods Crosswalk	Bike/Ped facilities, FROM: Bypass Road TO: McDonald Street	Hardy Road	\$183,000
Urban	T21501	Walnut Avenue Bicycle and Pedestrian Accommodations	Bike/Ped facilities, FROM: W. Lee Avenue TO: 1st Street	Walnut Avenue	\$545,000

Construction: TE/B/Non-T

System	UPC	Project Name	Description	Street/Route	Estimate
Enhancement	109611	Glade Creek Greenway Phase 2			\$531,210







6.8 Salem District-wide

Construction: SITS/OI

System	UPC	Project Name	Description	Street/Route	Estimate
Interstate	103828	I-81 Pavement Rehabilitation	Various		\$9,322,269
Interstate	104046	I-77 & I-81 FY14-15 Replace Signs	From I-77 to I-81		\$873,291
Interstate	106428	I-81 and I-77 Marking Retrace Phase 1-Salem District	Various		\$121,647
Interstate	T21476	Interstate & Primary Cable Guardrail Install- Districtwide	Various locations district-wide	Various	\$500,000
Interstate	107099	District-Wide Buckle Up Signing Safety Improvement-Salem	Various		\$292,727
Interstate	108991	Systematic Roadway Departure Treatments	Various		\$2,810,000
Primary	106485	Various Routes - Install Reflective Back Plates	Various locations district-wide	Various	\$845,000
Primary	T21463	Districtwide Systemic Roadway Departure Countermeasures	Various locations district-wide	Various	\$3,028,000
Primary	T21479	Districtwide Rumble Strip Installation-Primary Routes	Various locations district-wide	Various	\$500,000
Miscellaneous	106552	Committed Safety Projects - Salem	Various		\$745,961
Miscellaneous	108517	ADA Compliance in Salem District	Various		\$100,000







Roanoke Valley Transportation PLANNING ORGANIZATION REGIONAL commission

Primary	108069	Safety Improvements – Yearly HSIP Open Container Funds	Various	\$2,000,000
Primary	108538	Adaptive Capable Signal Controllers - SWRO	Various	\$1,316,000
Secondary	105736	Roadway Departure Safety Countermeasures	Various	\$166,101

6.9 Statewide

Construction: SITS/OI

System	UPC	Project Name	Description	Street/Route	Estimate
Interstate	107802	Incident Management Emergency Evacuation & Detour Plans	Various		\$500,000
Miscellaneous	93174	Safety Analyst Project	Various		\$1,104,740
Miscellaneous	105481	Improvement iPEMS (Iteris Performance Measurement System)	Various		\$1,400,000

6.10 MPO Multi-Jurisdictional

System	Jurisdiction	UPC	Project Name	Description	Street/ Route	Estimate
Interstate	Salem/ Roanoke Co.	115937	I-81 – MM136 to MM139 adding one lane in each direction	Widen to three lanes between Exit 137 and Exit 140	I-81	\$174,608,365
Interstate	Roanoke/ Roanoke Co.	116201	I-81 – MM136 to MM139 adding one lane in each direction	Widen to three lanes between Exit 137 and Exit 140	I-81	\$174,608,365
Interstate	Salem/ Roanoke Co.	116203	I-81 – MM136 to MM139 adding one lane in each direction	Widen to three lanes between Exit 137 and Exit 140	I-81	\$174,608,365







Roanoke Valley Transportation

7.0 Transit Projects

Funding for the Greater Roanoke Transit Company (GRTC/Valley Metro), RADAR (Unified Human Services Transportation Systems, Inc.), and Lutheran Family Services of Virginia from federal and other sources for FY 2018-2021 is presented in the program of projects below.

7.1 Greater Roanoke Transit Company (Valley Metro) Project Details

	Previous Funding	FY 2018	FY 2019	FY 2020	FY 2021	Total FY 2018-	-2021
	 Y AREA METROPO	DLITAN PLANNING	ORGANIZATION				
	GRT0001	Title: Operating Ass		Recipient:	Greater Roanoke	Transit Company	
FTA 5307	2,422	2,015	4,304	-	2,094	FTA 5307	8,41
FTA 5311	354	354	513	605	605	FTA 5311	2,07
State		2,169	2,169	2,408	2,408	State	9,15
Local	1,566	1,566	1,566	2,733	2,733	Local	8,59
Revenues	2,314	2,314	2,314	2,245	2,245	Revenues	9,11
Year Total:	8,825	8,418	10,866	7,991	· · · · · · · · · · · · · · · · · · ·	Total Funds:	37.36
Description:	funding by \$7,840K (in FY20. Increase FY	increase FTA funding b 21 funding by \$7,840K /enues in FY21. Adjusti	y \$2,699K, increase \$ (increase FTA fundin	State by \$2,408K, inc g by \$2,699K, increa	rease Local by \$2,733 se State by \$2,408K,	nding by \$10,170K. Incre 3K) and show \$2,245K i increase Local by \$2,73 04K. Decrease FTA 53(n Revenue 3K) and
STIP ID:	GRT0002	Title: Preventative M	laintenance	Recipient:	Greater Roanoke	Transit Company	
FTA 5307		672	1,435	-	698	FTA 5307	2,80
State						State	· · · · · ·
Local		167	358	-	174	Local	69
Year Total:	-	839	1,793	-	872	Total Funds:	3,50
Description:		ase FTA 5307 funding i \$0, and decrease Loca	n FY19 by \$763K to \$		cal funding \$191K to \$	358K. Decrease FTA 5	307 fundir
STIP ID:	GRT0003	Title: Replace/Reha			Greater Roanoke	Transit Company	
FTA 5307						FTA 5307	
FTA 5339		277		288		FTA 5339	56
RSTP		2,949	_	3,181	1,564	RSTP	7,69
		2,040		0,101	1,004	1.011	
State		4 381	_	854	301	State	
State		4,381	-	854 14	391	State	5,62
Local Year Total:	-	225 7,832	-	14 4,337	1,955	Local Total Funds:	5,62 23 14,12
Local	Adjustment #1: In tot 3,947K, increase loca (decrease RSTP by 6 \$48K (increase RSTI T18675 and approve Adjustment #2: in tot	225 7,832 al, increase funding by al by \$211K) and move 67K, decrease state by P by 38K, increase stat d SYIP; also, to include al, increase funding by	\$3,797K. Increase p previous funding of \$ \$17K), increase FY19 e by 10K). Modificatio e state bond funds allo \$171K. Increase FT7	14 4,337 revious funding by \$3 1452K RSTP, \$3,947 9 by 19K (increase R on needed to align ac ocated in previous yes A funding by \$133K, i	1,955 8,814K (decrease RST 7K state, and \$211K lo STP by 15K, increase stual RSTP funding all ars. ncrease state by \$31P	Local Total Funds: P by 344K, increase sta bcal to FY18, decrease I state by \$4K), increase ocated by VDOT under	5,62 23 14,12 ate by FY18 by 8 ² FY18 by 8 ² FY20 by UPC
Local Year Total: Description:	Adjustment #1: In tot 3,947K, increase loca (decrease RSTP by 6 \$48K (increase RSTI T18675 and approve Adjustment #2: in tot Adjustment #11: in to	225 7,832 al, increase funding by al by \$211K) and move 67K, decrease state by P by 38K, increase stat d SYIP; also, to include al, increase funding by	\$3,797K. Increase p previous funding of \$ \$17K), increase FY19 e by 10K). Modification state bond funds allo \$171K. Increase FT7 \$4,337K in FY20 by t	14 4,337 revious funding by \$3 1452K RSTP, \$3,947 9 by 19K (increase R on needed to align ac ocated in previous yes A funding by \$133K, i moving \$1,579K in R	1,955 8,814K (decrease RST 7K state, and \$211K lo STP by 15K, increase stual RSTP funding all ars. ncrease state by \$31P	Local Total Funds: P by 344K, increase state ocal to FY18, decrease I state by \$4K), increase ocated by VDOT under K, and local by \$7K. 20 and moving \$395K in	5,62 23 14,12 ate by FY18 by 8- ₽ FY20 by UPC
Local Year Total: Description: STIP ID: FTA 5339	Adjustment #1: In tot 3,947K, increase loca (decrease RSTP by 6 \$48K (increase RSTI T18675 and approve Adjustment #2: in tot Adjustment #11: in to FY19 to FY20. GRT0004	225 7,832 al, increase funding by al by \$211K) and move 67K, decrease state by P by 38K, increase stat d SYIP; also, to include al, increase funding by tal, increase funding to	\$3,797K. Increase p previous funding of \$ \$17K), increase FY19 e by 10K). Modification state bond funds allo \$171K. Increase FT7 \$4,337K in FY20 by t	14 4,337 revious funding by \$3 1452K RSTP, \$3,947 9 by 19K (increase R on needed to align ac ocated in previous yes A funding by \$133K, i moving \$1,579K in R	1,955 3,814K (decrease RST 7K state, and \$211K lo STP by 15K, increase tual RSTP funding all ars. ncrease state by \$31k STP from FY19 to FY2	Local Total Funds: P by 344K, increase state ocal to FY18, decrease I state by \$4K), increase ocated by VDOT under K, and local by \$7K. 20 and moving \$395K in	5,62 23 14,12 ate by FY18 by 8- ₽ FY20 by UPC
Local Year Total: Description: STIP ID:	Adjustment #1: In tot 3,947K, increase loca (decrease RSTP by 6 \$48K (increase RSTI T18675 and approve Adjustment #2: in tot Adjustment #11: in to FY19 to FY20. GRT0004	225 7,832 al, increase funding by al by \$211K) and move 67K, decrease state by P by 38K, increase stat d SYIP; also, to include al, increase funding by tal, increase funding to	\$3,797K. Increase p previous funding of \$ \$17K), increase FY19 e by 10K). Modification state bond funds allo \$171K. Increase FT7 \$4,337K in FY20 by t	14 4,337 revious funding by \$3 1452K RSTP, \$3,947 9 by 19K (increase R on needed to align ac ocated in previous ye: A funding by \$133K, i noving \$1,579K in R Recipient:	1,955 3,814K (decrease RST 7K state, and \$211K lo STP by 15K, increase tual RSTP funding all ars. ncrease state by \$31k STP from FY19 to FY2	Local Total Funds: P by 344K, increase state ocal to FY18, decrease I state by \$4K), increase ocated by VDOT under K, and local by \$7K. 20 and moving \$395K in Transit Company	5,62 23 14,12 ate by FY18 by 8 FY18 by 8 FY20 by UPC
Local Year Total: Description: STIP ID: FTA 5339	Adjustment #1: In tot 3,947K, increase loca (decrease RSTP by 6 \$48K (increase RSTF T18675 and approve Adjustment #2: in tot Adjustment #11: in to FY19 to FY20. GRT0004	225 7,832 al, increase funding by al by \$211K) and move 67K, decrease state by P by 38K, increase stat d SYIP; also, to include al, increase funding by tal, increase funding to	\$3,797K. Increase p previous funding of \$ \$17K), increase FY19 e by 10K). Modification state bond funds allo \$171K. Increase FT7 \$4,337K in FY20 by t	14 4,337 revious funding by \$3 1452K RSTP, \$3,947 9 by 19K (increase R on needed to align ac ocated in previous ye: A funding by \$133K, i noving \$1,579K in R Recipient:	1,955 3,814K (decrease RST 7K state, and \$211K lo STP by 15K, increase tual RSTP funding all ars. ncrease state by \$31k STP from FY19 to FY2	Local Total Funds: P by 344K, increase state ocated by VDOT under (, and local by \$7K. 20 and moving \$395K in Transit Company FTA 5339	5,62 23 14,12 ate by FY18 by 8 FY18 by 8 FY20 by UPC
Local Year Total: Description: STIP ID: FTA 5339 Flexible STP	Adjustment #1: In tot 3,947K, increase loc: (decrease RSTP by 6 \$48K (increase RSTF T18675 and approve Adjustment #2: in tot Adjustment #11: in to FY19 to FY20. GRT0004	225 7,832 al, increase funding by al by \$211K) and move 67K, decrease state by P by 38K, increase stat d SYIP; also, to include al, increase funding by tal, increase funding to	\$3,797K. Increase p previous funding of \$ \$17K), increase FY19 e by 10K). Modification state bond funds allo \$171K. Increase FT7 \$4,337K in FY20 by t	14 4,337 revious funding by \$3 1452K RSTP, \$3,947 9 by 19K (increase R on needed to align ac ocated in previous ye: A funding by \$133K, i noving \$1,579K in R Recipient: 27	1,955 3,814K (decrease RST 7K state, and \$211K lo STP by 15K, increase tual RSTP funding all ars. ncrease state by \$31k STP from FY19 to FY2	Local Total Funds: P by 344K, increase state state by \$4K), increase ocated by VDOT under C, and local by \$7K. 20 and moving \$395K in Transit Company FTA 5339 Flexible STP	5,62 23 14,12 ate by FY18 by 8 FY18 by 8 FY20 by UPC
Local Year Total: Description: STIP ID: FTA 5339 Flexible STP State	Adjustment #1: In tot 3,947K, increase loc: (decrease RSTP by 6 \$48K (increase RSTF T18675 and approve Adjustment #2: in tot Adjustment #11: in to FY19 to FY20. GRT0004	225 7,832 al, increase funding by al by \$211K) and move 67K, decrease state by P by 38K, increase stat d SYIP; also, to include al, increase funding by tal, increase funding to	\$3,797K. Increase p previous funding of \$ \$17K), increase FY19 e by 10K). Modification state bond funds allo \$171K. Increase FT7 \$4,337K in FY20 by t	14 4,337 revious funding by \$3 1452K RSTP, \$3,947 9 by 19K (increase R on needed to align ac ocated in previous yes A funding by \$133K, i moving \$1,579K in R Recipient: 27 68	1,955 3,814K (decrease RST 7K state, and \$211K lo STP by 15K, increase tual RSTP funding all ars. ncrease state by \$31k STP from FY19 to FY2	Local Total Funds: P by 344K, increase state cal to FY18, decrease I state by \$4K), increase ocated by VDOT under (, and local by \$7K. 20 and moving \$395K in Transit Company FTA 5339 Flexible STP State	5,62 23 14,12 ate by FY18 by 8 FY18 by 8 FY20 by UPC
Local Year Total: Description: STIP ID: FTA 5339 Flexible STP State Local Year Total:	Adjustment #1: In tot 3,947K, increase loca (decrease RSTP by 6 \$48K (increase RSTF T18675 and approve Adjustment #2: in tot Adjustment #11: in to FY19 to FY20. GRT0004	225 7,832 al, increase funding by al by \$211K) and move 67K, decrease state by P by 38K, increase stat d SYIP; also, to include al, increase funding by tal, increase funding to	\$3,797K. Increase p previous funding of \$ \$17K), increase FY19 e by 10K). Modificatio e state bond funds allo \$171K. Increase FT7 \$4,337K in FY20 by n es	14 4,337 revious funding by \$3 1452K RSTP, \$3,947 9 by 19K (increase R on needed to align ac ocated in previous ye: A funding by \$133K, i noving \$1,579K in R Recipient: 27 68 5	1,955 3,814K (decrease RST 7K state, and \$211K lo STP by 15K, increase tual RSTP funding all ars. ncrease state by \$31k STP from FY19 to FY2	Local Total Funds: P by 344K, increase state state by \$4K), increase ocated by VDOT under C, and local by \$7K. 20 and moving \$395K in Transit Company FTA 5339 Flexible STP State Local	5,62 2: 14,12 ate by FY18 by 8 ∌ FY20 by UPC ■ State from
Local Year Total: Description: STIP ID: FTA 5339 Flexible STP State Local Year Total: Description:	Adjustment #1: In tot 3,947K, increase loc: (decrease RSTP by 6 \$48K (increase RSTF T18675 and approve Adjustment #2: in tot Adjustment #11: in to FY19 to FY20. GRT0004 Amendment #3 This i	225 7,832 al, increase funding by al by \$211K) and move 67K, decrease state by P by 38K, increase state d SYIP; also, to include al, increase funding by tal, increase funding to Title: Support Vehicl	s3,797K. Increase p previous funding of \$ \$17K), increase FY19 e by 10K). Modificatio state bond funds allo \$171K. Increase FT7 \$4,337K in FY20 by n es	14 4,337 revious funding by \$3 1452K RSTP, \$3,947 9 by 19K (increase R on needed to align ac ocated in previous yes A funding by \$133K, i moving \$1,579K in R Recipient: 27 68 5 100	1,955 ,814K (decrease RST YK state, and \$211K Ic STP by 15K, increase tual RSTP funding all ars. ncrease state by \$31P STP from FY19 to FY2 Greater Roanoke	Local Total Funds: P by 344K, increase state cal to FY18, decrease I state by \$4K), increase ocated by VDOT under (, and local by \$7K. 20 and moving \$395K in Transit Company FTA 5339 Flexible STP State Local Total Funds:	5,62 2: 14,12 ate by FY18 by 8 ∌ FY20 by UPC ■ State from
Local Year Total: Description: STIP ID: FTA 5339 Flexible STP State Local Year Total: Description: STIP ID:	Adjustment #1: In tot 3,947K, increase loc: (decrease RSTP by 6 \$48K (increase RSTF T18675 and approve Adjustment #2: in tot Adjustment #11: in to FY19 to FY20. GRT0004 Amendment #3 This i GRT0005	225 7,832 al, increase funding by al by \$211K) and move 67K, decrease state by P by 38K, increase state d SYIP; also, to include al, increase funding by tal, increase funding to Title: Support Vehicl	s3,797K. Increase p previous funding of \$ \$17K), increase FY19 e by 10K). Modificatio state bond funds allo \$171K. Increase FT7 \$4,337K in FY20 by n es	14 4,337 revious funding by \$3 1452K RSTP, \$3,947 9 by 19K (increase R on needed to align ac ocated in previous yes A funding by \$133K, i moving \$1,579K in R Recipient: 27 68 5 100	1,955 3,814K (decrease RST 7K state, and \$211K lo STP by 15K, increase tual RSTP funding all ars. ncrease state by \$31k STP from FY19 to FY2	Local Total Funds: P by 344K, increase state cal to FY18, decrease I state by \$4K), increase ocated by VDOT under (, and local by \$7K. 20 and moving \$395K in Transit Company FTA 5339 Flexible STP State Local Total Funds: Transit Company	5,62 2: 14,12 ate by FY18 by 8 ∌ FY20 by UPC ■ State from
Local Year Total: Description: STIP ID: FTA 5339 Flexible STP State Local Year Total: Description: STIP ID: FTA 5339	Adjustment #1: In tot 3,947K, increase loc: (decrease RSTP by 6 \$48K (increase RSTF T18675 and approve Adjustment #2: in tot Adjustment #11: in to FY19 to FY20. GRT0004 Amendment #3 This i GRT0005	225 7,832 al, increase funding by al by \$211K) and move 67K, decrease state by P by 38K, increase state d SYIP; also, to include al, increase funding by tal, increase funding to Title: Support Vehicl	s3,797K. Increase p previous funding of \$ \$17K), increase FY19 e by 10K). Modificatio state bond funds allo \$171K. Increase FT7 \$4,337K in FY20 by n es	14 4,337 revious funding by \$3 1452K RSTP, \$3,947 9 by 19K (increase R on needed to align ac ocated in previous yes A funding by \$133K, i moving \$1,579K in R Recipient: 27 68 5 100	1,955 ,814K (decrease RST YK state, and \$211K Ic STP by 15K, increase tual RSTP funding all ars. ncrease state by \$31P STP from FY19 to FY2 Greater Roanoke	Local Total Funds: P by 344K, increase state cal to FY18, decrease I state by \$4K), increase ocated by VDOT under (, and local by \$7K. 20 and moving \$395K in Transit Company FTA 5339 Flexible STP State Local Total Funds: Transit Company FTA 5339	5,62 23 14,12 ate by FY18 by 8 ∌ FY20 by UPC ■ State fror
Local Year Total: Description: STIP ID: FTA 5339 Flexible STP State Local Year Total: Description: STIP ID: FTA 5339 State	Adjustment #1: In tot 3,947K, increase loca (decrease RSTP by 6 \$48K (increase RSTP T18675 and approve Adjustment #2: in tot Adjustment #11: in to FY19 to FY20. GRT0004 Amendment #3 This i GRT0005	225 7,832 al, increase funding by al by \$211K) and move 57K, decrease state by P by 38K, increase state d SYIP; also, to include al, increase funding by tal, increase funding to Title: Support Vehicl	s3,797K. Increase p previous funding of \$ \$17K), increase FY19 e by 10K). Modificatio state bond funds allo \$171K. Increase FT7 \$4,337K in FY20 by n es	14 4,337 revious funding by \$3 1452K RSTP, \$3,947 9 by 19K (increase R on needed to align ac ocated in previous yes A funding by \$133K, i moving \$1,579K in R Recipient: 27 68 5 100	1,955 ,814K (decrease RST YK state, and \$211K Ic STP by 15K, increase tual RSTP funding all ars. ncrease state by \$31P STP from FY19 to FY2 Greater Roanoke	Local Total Funds: P by 344K, increase state cal to FY18, decrease I state by \$4K), increase ocated by VDOT under (, and local by \$7K. 20 and moving \$395K in Transit Company FTA 5339 Flexible STP State Local Total Funds: Transit Company FTA 5339 State	5,62 23 14,12 ate by FY18 by 8 ∌ FY20 by UPC ■ State fror
Local Year Total: Description: STIP ID: FTA 5339 Flexible STP State Local Year Total: Description: STIP ID: FTA 5339	Adjustment #1: In tot 3,947K, increase loca (decrease RSTP by 6 \$48K (increase RSTP T18675 and approve Adjustment #2: in tot Adjustment #11: in to FY19 to FY20. GRT0004 Amendment #3 This i GRT0005	225 7,832 al, increase funding by al by \$211K) and move 57K, decrease state by P by 38K, increase state d SYIP; also, to include al, increase funding by tal, increase funding to Title: Support Vehicl	s3,797K. Increase p previous funding of \$ \$17K), increase FY19 e by 10K). Modificatio state bond funds allo \$171K. Increase FT7 \$4,337K in FY20 by n es	14 4,337 revious funding by \$3 1452K RSTP, \$3,947 9 by 19K (increase R on needed to align ac ocated in previous yes A funding by \$133K, i moving \$1,579K in R Recipient: 27 68 5 100	1,955 3,814K (decrease RST 7K state, and \$211K Ic STP by 15K, increase stual RSTP funding all ars. ncrease state by \$31H STP from FY19 to FY2 Greater Roanoke Greater Roanoke	Local Total Funds: P by 344K, increase state cal to FY18, decrease I state by \$4K), increase ocated by VDOT under (, and local by \$7K. 20 and moving \$395K in Transit Company FTA 5339 Flexible STP State Local Total Funds: Transit Company FTA 5339	5,62 2: 14,12 ate by FY18 by 8 ∌ FY20 by UPC ■ State from





PLANINING ORGA
REGIONAL COmmission

	Previous Funding	FY 2018	FY 2019	FY 2020	FY 2021	Total FY 2018	-2021
STIP ID:	GRT0006	Title: Rehab/Renova Admin/Maint Buildin		Recipient:	Greater Roanoke	Transit Company	
FTA 5339		226	5			FTA 5339	226
State		45				State	45
Local		11			İ	Local	11
Year Total:	-	282	-	-	-	Total Funds:	282
Description:	Adjustment #2: In tot	al, increase funding by	116K. Increase FTA	A 5339 funding by \$66	K in FY18, increase st	ate by \$13K, and local	by \$3K.
STIP ID:	GRT0007	Title: Shop Equipme	ent	Recipient:	Greater Roanoke	Transit Company	
FTA 5339		160		16		FTA 5339	176
State		32		3		State	35
Local		8		1		Local	9
Year Total:	-	200	-	20		Total Funds:	220
Description:	Adjustment #2: Incre local funding in FY19		by \$144K in FY18, ir	crease state by \$28K	, and increase local by	/ \$10K. Remove all FT	A, state, and
STIP ID:	GRT0008	Title: ADP Software		Recipient:	Greater Roanoke	Transit Company	
FTA 5339		3				FTA 5339	3
State		1			1	State	1
Local		1				Local	1
Year Total:	-	5	-	-	-	Total Funds:	5
Description:	Amendment #1: This	is a new project in the	FY18-21 TIP		-		
STIP ID:	GRT0009	Title: ADP Hardwar	е	Recipient:	Greater Roanoke	Transit Company	
FTA 5339			20		20,261	FTA 5339	20,281
State			3			State	3
Local			2		5,066	Local	5,068
Year Total:	-	-	25	-	25,327	Total Funds:	25,352
Description:	Amendment #1: This	is a new project in the	FY18-21 TIP Adjustr	ment #6			
STIP ID:	GRT0010	Title: Security		Recipient:	Greater Roanoke	Transit Company	
FTA 5339			43			FTA 5339	43
State			7			State	7
Local			4			Local	4
Year Total:	-	-	54	-	-	Total Funds:	54
Description:	Amendment #1: This	is a new project in the	FY18-21 TIP				
STIP ID:	GRT0011	Title: Engineering &	Design	Recipient:	Greater Roanoke	Transit Company	
FTA 5307			-	480		FTA 5307	480
State				96		State	96
Local				24		Local	24
Year Total:	-	-	-	600	-	Total Funds:	600
Description:	Amendment #3: This	is a new project in the	FY18-21 TIP Desig	n of a multimodal facili	itv.	k	







7.2 Unified Human Services Transportation Systems, Inc. (RADAR) Project Details

	Previous Funding	FY 2018	FY 2019	FY 2020	FY 2021	Total FY 2018	-2021
STIP ID:	RAD0001	Title: New Freedom Assistance	Operating	Recipient:	RADAR - UHSTS,	Inc. Roanoke Count	У
		Assistance					
FTA 5310		108	62	84	93	FTA 5310	347
State		86	49	67	74	State	276
Loca		22	12	17	19	Local	70
Revenues		10	12	-	14	Revenues	36
Year Total:	-	226	135	168	200	Total Funds:	729
Description:	\$1K) in accordance v		ment #5: Decrease F			se local \$5K, increase i , State \$4K, local \$1K,	
STIP ID:	RAD0002	Title: Paratransit Ve	ehicles	Recipient:	RADAR - UHSTS,	Inc. Roanoke Count	у
FTA 5310		152	136	104	128	FTA 5310	
				10-	120	FIASSIU	520
State				104	120	State	520 -
State Loca		38	34	26	32		520 - 130
		38 190			32	State	520 - 130 650







Roanoke Valley Transportation PLANNING ORGANIZATION REGIONAL commission

7.3 Lutheran Family Services of Virginia Project Details

	Previous Funding	FY 2018	FY 2019	FY 2020	FY 2021	Total FY 201	8-2021	
STIP ID: LFS0001 Title: Paratransit Vehicles Recipient: Lutheran Family Services of Virginia								
FTA 5310			64	48		FTA 5310	112	
State						State	-	
Local			16	12		Local	28	
Year Total:	-	-	80	60	-	Total Funds:	140	
	Amendment #2: Add new project and total of \$80K in funding for FY19. Add \$64K in FTA 5310 and \$16K in Local funds. Adjustment #5: Add							
	FY20 funding \$60K (add FTA 5310 \$48K, local \$12K) in accordance with FY20 draft SYIP.							

7.4 Transit Funding Summaries

Greater Roanoke Transit	_						
Company	Previous Funding	FY 2018	FY 2019	FY 2020	FY 2021	Total FY 2018	3-2021
FTA 5307	2,422	2,687	5,739	-	2,792	FTA 5307	11,218
FTA 5309	-	-	-	-	-	FTA 5309	-
FTA 5310	-	-	-	-	-	FTA 5310	-
FTA 5311	354	354	513	605	605	FTA 5311	2,077
FTA 5314	-	-	-	-	-	FTA 5314	-
FTA 5337	-	-	-	-	-	FTA 5337	-
FTA 5339	-	666	63	331	20	FTA 5339	1,080
FTA ADTAP	-	-	-	-	-	FTA ADTAP	-
FTA DPF	-	-	-	-	-	FTA DPF	-
FTA TIGER	-	-	-	-	-	FTA TIGER	-
FBD	-	-	-	-	-	FBD	-
Flexible STP	-	-	-	-	-	Flexible STP	-
CMAQ	-	_	-	-	-	CMAQ	-
RSTP	-	2,949	-	3,181	1,564	RSTP	7,694
FHWA TAP	_		-		-	FHWA TAP	-
TIFIA	-	-	-	-	-	TIFIA	-
Other Federal	-	-	-	-	-	Other Federal	-
State	2,169	6,628	2,179	3,333	2,799	State	14,939
Local	1,566	1,978	1,930	2,753	2,912	Local	9,573
Revenues	2,314	2,314	2,314	2,245	2,245	Revenues	9,118
Totals	8,825	17,576	12,738	12,448	12.937		55,699
RADAR - UHSTS, Inc. Roanoke County	Previous Funding	FY 2018	FY 2019	FY 2020	FY 2021	Total FY 2018	8-2021
FTA 5307		-	-			FTA 5307	- 2021
FTA 5309	_	_		_	-	FTA 5309	-
FTA 5310	-	260	198	188	221	FTA 5310	867
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	
		-	-				-
				_	-		-
CMAQ	-	-	-	-	-	CMAQ	-
CMAQ STBG	-		-	-	-	CMAQ STBG	-
CMAQ STBG FHWA TAP		-	-	-		CMAQ STBG FHWA TAP	-
CMAQ STBG FHWA TAP TIFIA	-		-		-	CMAQ STBG FHWA TAP TIFIA	
CMAQ STBG FHWA TAP TIFIA Other Federal		- - - - -	-		- -	CMAQ STBG FHWA TAP TIFIA Other Federal	- - - - - - - -
CMAQ STBG FHWA TAP TIFIA Other Federal State		- - - - - 86	- - - - - - 49	- - - - - 67	- - - 74	CMAQ STBG FHWA TAP TIFIA Other Federal State	- - - - - - - - - - - - - - - - - - -
CMAQ STBG FHWA TAP TIFIA Other Federal		- - - - -	-		- -	CMAQ STBG FHWA TAP TIFIA Other Federal	- - - - 276 200 36







Roanoke Valley Transportation

Lutheran Family Services of							
Virginia	Previous Funding	FY 2018	FY 2019	FY 2020	FY 2021	Total FY 2018	-2021
FTA 5307	-	-	-	-	-	FTA 5307	
FTA 5309	-	-	-	-	-	FTA 5309	
FTA 5310	-	-	64	48	-	FTA 5310	112
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	
CMAQ	-	-	-	-	-	CMAQ	
STBG	-	-	-	-	-	STBG	
FHWA TAP	-	-	-	-	-	FHWA TAP	
TIFIA	-	-	-	-	-	TIFIA	
Other Federal	-	-	-	-	-	Other Federal	
State	-	-	-	-	-	State	
Local	-	-	16	12	-	Local	2
Revenues	-	-	-	-	-	Revenues	
	-	-	- 80	- 60	-	Revenues	140
Revenues <i>Totals</i> Roanoke Valley	-	-	80	60	-	Revenues	140
Revenues <i>Totals</i> Roanoke Valley MPO	- - Previous Funding	- FY 2018	80 FY 2019		- FY 2021	Total FY 2018	-2021
Revenues Totals Roanoke Valley MPO FTA 5307	- Previous Funding 2,422	-	80	60	-	Total FY 2018 FTA 5307	-2021
Revenues <i>Totals</i> Roanoke Valley MPO		- FY 2018	80 FY 2019	60 FY 2020	- FY 2021	Total FY 2018	-2021
Revenues Totals Roanoke Valley MPO FTA 5307		- FY 2018	80 FY 2019	60 FY 2020	- FY 2021	Total FY 2018 FTA 5307	-2021 11,218
Revenues Totals Roanoke Valley MPO FTA 5307 FTA 5309	2,422	- FY 2018 2,687 -	80 FY 2019 5,739 -	60 FY 2020 - -	- FY 2021 2,792 -	Total FY 2018 FTA 5307 FTA 5309	-2021 11,218 979
Revenues Totals Roanoke Valley MPO FTA 5307 FTA 5309 FTA 5310	2,422	- FY 2018 2,687 - 260	80 FY 2019 5,739 - 262	60 FY 2020 - - 236	- FY 2021 2,792 - 221	Total FY 2018 FTA 5307 FTA 5309 FTA 5310 FTA 5311	-2021 11,218 979
Revenues Totals Roanoke Valley MPO FTA 5307 FTA 5309 FTA 5310 FTA 5311	2,422	- FY 2018 2,687 - 260 354	80 FY 2019 5,739 - 262 513	60 FY 2020 - - 236	- FY 2021 2,792 - 221 605	Total FY 2018 FTA 5307 FTA 5309 FTA 5310 FTA 5311 FTA 5314	-2021 11,218 979
Revenues Totals Roanoke Valley MPO FTA 5307 FTA 5309 FTA 5310 FTA 5311 FTA 5314 FTA 5337	2,422	FY 2018 2,687 - 260 354 - -	80 FY 2019 5,739 - 262 513 - - -	60 FY 2020 - 236 605 - -	- FY 2021 2,792 - 221 605 - -	Total FY 2018 FTA 5307 FTA 5309 FTA 5310 FTA 5311 FTA 5314 FTA 5337	-2021 11,218 979 2,077
Revenues Totals Roanoke Valley MPO FTA 5307 FTA 5309 FTA 5310 FTA 5311 FTA 5314 FTA 5337 FTA 5339	2,422	- FY 2018 2,687 - 260 354	80 FY 2019 5,739 - 262 513 -	60 FY 2020 - - 236	- FY 2021 2,792 - 221 605 -	Total FY 2018 FTA 5307 FTA 5309 FTA 5310 FTA 5311 FTA 5314 FTA 5337 FTA 5339	-2021 11,218 979 2,077
Revenues Totals Roanoke Valley MPO FTA 5307 FTA 5309 FTA 5310 FTA 5311 FTA 5314 FTA 5337 FTA 5339 FTA ADTAP	2,422 - - 354 - - - -	- FY 2018 2,687 - 260 354 - - - 666	80 FY 2019 5,739 - 262 513 - - - - 63	60 FY 2020 - 236 605 - -	- FY 2021 2,792 - 221 605 - - - 20	Total FY 2018 FTA 5307 FTA 5309 FTA 5310 FTA 5311 FTA 5314 FTA 5337 FTA 5339 FTA ADTAP	-2021 11,218 979 2,077
Revenues Totals Roanoke Valley MPO FTA 5307 FTA 5309 FTA 5310 FTA 5311 FTA 5314 FTA 5337 FTA 5339 FTA ADTAP FTA DPF	2,422 - - 354 - - - - - - -	- FY 2018 2,687 - 260 354 - - 666 - - -	80 FY 2019 5,739 - 262 513 - - - 63 - - - -	60 FY 2020 - 236 605 - - 331 - - -	- FY 2021 2,792 - 221 605 - - - 20	Total FY 2018 FTA 5307 FTA 5309 FTA 5310 FTA 5311 FTA 5314 FTA 5337 FTA 5339 FTA ADTAP FTA DPF	-2021 11,218 979 2,077
Revenues Totals Roanoke Valley MPO FTA 5307 FTA 5309 FTA 5310 FTA 5311 FTA 5314 FTA 5337 FTA 5339 FTA ADTAP FTA DPF FTA TIGER	2,422 - - 354 - - - -	- FY 2018 2,687 - 260 354 - - 666 - - - - -	80 FY 2019 5,739 - 262 513 - - - 63 - - - - - - -	60 FY 2020 - 236 605 - -	- FY 2021 2,792 - 221 605 - - - 20	Total FY 2018 FTA 5307 FTA 5309 FTA 5310 FTA 5311 FTA 5314 FTA 5337 FTA 5339 FTA ADTAP FTA TIGER	-2021 11,218 979 2,077
Revenues Totals Roanoke Valley MPO FTA 5307 FTA 5309 FTA 5310 FTA 5311 FTA 5314 FTA 5337 FTA 5339 FTA ADTAP FTA DPF FTA TIGER FBD	2,422 - - 354 - - - - - - -	- FY 2018 2,687 - 260 354 - - 666 - - - - - - - - - -	80 FY 2019 5,739 - 262 513 - - 63 - - - - - - - - - - - - -	60 FY 2020 - 236 605 - - 331 - - -	- FY 2021 2,792 - 221 605 - - - 20	Total FY 2018 FTA 5307 FTA 5309 FTA 5310 FTA 5311 FTA 5314 FTA 5337 FTA 5339 FTA ADTAP FTA TIGER FBD	-2021 11,218 979 2,077
Revenues Totals Roanoke Valley MPO FTA 5307 FTA 5309 FTA 5310 FTA 5311 FTA 5314 FTA 5337 FTA 5339 FTA ADTAP FTA DPF FTA TIGER FBD Flexible STP	2,422 - - 354 - - - - - - -	- FY 2018 2,687 - 260 354 - - 666 - - - - -	80 FY 2019 5,739 - 262 513 - - 63 - - - - - - - - - - - - -	60 FY 2020 - 236 605 - - 331 - - -	- FY 2021 2,792 - 221 605 - - - 20	Total FY 2018 FTA 5307 FTA 5309 FTA 5310 FTA 5311 FTA 5314 FTA 5337 FTA 5339 FTA ADTAP FTA TIGER FBD Flexible STP	-2021 11,218 979 2,077
Revenues Totals Roanoke Valley MPO FTA 5307 FTA 5309 FTA 5310 FTA 5311 FTA 5314 FTA 5337 FTA 5339 FTA ADTAP FTA DPF FTA TIGER FBD Flexible STP CMAQ	2,422 - - - - - - - - - - - - - - - - - -	- FY 2018 2,687 - 260 354 - - - 666 - - - - - - - - - - - - - -	80 FY 2019 5,739 - 262 513 - - 63 - - - - - - - - - - - - -	60 FY 2020 - 236 605 - - 331 - - - - - - - - - - - - - - - -	- FY 2021 2,792 - 221 605 - - - 20 - - - - - - - - - - - - - - -	Total FY 2018 FTA 5307 FTA 5309 FTA 5310 FTA 5311 FTA 5314 FTA 5337 FTA 5339 FTA ADTAP FTA TIGER FBD Flexible STP CMAQ	-2021 11,218 979 2,077 1,080
Revenues Totals Roanoke Valley MPO FTA 5307 FTA 5309 FTA 5310 FTA 5311 FTA 5314 FTA 5337 FTA 5339 FTA ADTAP FTA DPF FTA TIGER FBD Flexible STP CMAQ RSTP	2,422 - - 354 - - - - - - -	- FY 2018 2,687 - 260 354 - - 666 - - - - - - - - -	80 FY 2019 5,739 - 262 513 - - 63 - - - - - - - - - - - - -	60 FY 2020 - 236 605 - - 331 - - -	- FY 2021 2,792 - 221 605 - - - 20	Total FY 2018 FTA 5307 FTA 5309 FTA 5310 FTA 5311 FTA 5314 FTA 5337 FTA 5339 FTA ADTAP FTA TIGER FBD Flexible STP CMAQ RSTP	-2021 11,218 979 2,077 1,080
Revenues Totals Roanoke Valley MPO FTA 5307 FTA 5309 FTA 5310 FTA 5311 FTA 5314 FTA 5337 FTA 5339 FTA ADTAP FTA DPF FTA TIGER FBD Flexible STP CMAQ RSTP FHWA TAP	2,422 - - - - - - - - - - - - - - - - - -	- FY 2018 2,687 - 260 354 - - - 666 - - - - - - - - - - - - - -	80 FY 2019 5,739 - 262 513 - - 63 - - 63 - - - - - - - - - - - - -	60 FY 2020 - 236 605 - - 331 - - - - - - - - - - - - - - - -	- FY 2021 2,792 - 221 605 - - - 20 - - - - - - - - - - - - - - -	Total FY 2018 FTA 5307 FTA 5309 FTA 5310 FTA 5311 FTA 5314 FTA 5337 FTA 5339 FTA ADTAP FTA TIGER FBD Flexible STP CMAQ RSTP FHWA TAP	-2021 11,218 979 2,077 1,080
Revenues Totals Roanoke Valley MPO FTA 5307 FTA 5309 FTA 5310 FTA 5311 FTA 5314 FTA 5337 FTA 5339 FTA ADTAP FTA DPF FTA TIGER FBD Flexible STP CMAQ RSTP	2,422 - - - - - - - - - - - - - - - - - -	- FY 2018 2,687 - 260 354 - - - 666 - - - - - - - - - - - - - -	80 FY 2019 5,739 - 262 513 - - 63 - - - - - - - - - - - - -	60 FY 2020 - 236 605 - - 331 - - - - - - - - - - - - - - - -	- FY 2021 2,792 - 221 605 - - - 20 - - - - - - - - - - - - - - -	Total FY 2018 FTA 5307 FTA 5309 FTA 5310 FTA 5311 FTA 5314 FTA 5337 FTA 5339 FTA ADTAP FTA TIGER FBD Flexible STP CMAQ RSTP FHWA TAP TIFIA	-2021 11,218 979 2,07 1,080
Revenues Totals Roanoke Valley MPO FTA 5307 FTA 5309 FTA 5310 FTA 5311 FTA 5314 FTA 5337 FTA 5339 FTA ADTAP FTA DPF FTA TIGER FBD Flexible STP CMAQ RSTP FHWA TAP	2,422 - - - 354 - - - - - - - - - - - - - - - - - - -	- FY 2018 2,687 - 260 354 - - - 666 - - - - - - - - - - - - - -	80 FY 2019 5,739 - 262 513 - - 63 - - - - - - - - - - - - -	60 FY 2020 - - 236 605 - - - 331 - - - - - - - - - - - - -	- FY 2021 2,792 - 221 605 - - 20 - - - 20 - - - - - - - - - - - -	Total FY 2018 FTA 5307 FTA 5309 FTA 5310 FTA 5311 FTA 5314 FTA 5337 FTA 5339 FTA ADTAP FTA TIGER FBD Flexible STP CMAQ RSTP FHWA TAP	-2021 11,218 979 2,07 1,080 7,694
Revenues Totals Roanoke Valley MPO FTA 5307 FTA 5309 FTA 5310 FTA 5311 FTA 5314 FTA 5337 FTA 5339 FTA ADTAP FTA DPF FTA TIGER FBD Flexible STP CMAQ RSTP FHWA TAP TIFIA	2,422 	- FY 2018 2,687 - 260 354 - - - 6666 - - - - - - - - - - - - - -	80 FY 2019 5,739 - 262 513 - - 63 - - - - - - - - - - - - -	60 FY 2020 - - 236 605 - - - 331 - - - - - - - - - - - - -	- FY 2021 2,792 - 221 605 - - 20 - - 20 - - - - - - - - - - - - -	Total FY 2018 FTA 5307 FTA 5309 FTA 5310 FTA 5311 FTA 5314 FTA 5337 FTA 5339 FTA ADTAP FTA TIGER FBD Flexible STP CMAQ RSTP FHWA TAP TIFIA	-2021 11,218 975 2,077 1,080 7,694 15,215
Revenues Totals Roanoke Valley MPO FTA 5307 FTA 5309 FTA 5310 FTA 5311 FTA 5314 FTA 5337 FTA 5339 FTA ADTAP FTA DPF FTA TIGER FBD Flexible STP CMAQ RSTP FHWA TAP TIFIA Other Federal	2,422 - - - 354 - - - - - - - - - - - - - - - - - - -	FY 2018 2,687 - 260 354 - - - 6666 - - - - - - - - - - - - - -	80 FY 2019 5,739 - 262 513 - 63 - 63 -	60 FY 2020 - - 236 605 - - - 331 - - - - - - - - - - - - -	- FY 2021 2,792 221 605 - 20 - 20 - - 20 - - 20 - - - 20 - - 20 - - - 20 - - 20 - - 20 - - 20 - - - - - - - - - - - - -	Total FY 2018 FTA 5307 FTA 5309 FTA 5310 FTA 5311 FTA 5314 FTA 5337 FTA 5339 FTA ADTAP FTA DPF FTA TIGER FBD Flexible STP CMAQ RSTP FHWA TAP TIFIA Other Federal	-2021 11,218 979 2,077 1,080 7,694 15,218
Revenues Totals Roanoke Valley MPO FTA 5307 FTA 5309 FTA 5310 FTA 5311 FTA 5314 FTA 5337 FTA 5339 FTA ADTAP FTA DTAP FTA DPF FTA TIGER FBD Flexible STP CMAQ RSTP FHWA TAP TIFIA Other Federal State	2,422 	- FY 2018 2,687 - 260 354 - - - 6666 - - - - - - - - - - - - - -	80 FY 2019 5,739 - 262 513 - - 63 - - - - - - - - - - - - -	60 FY 2020 - - 236 605 - - - 331 - - - - - - - - - - - - -	- FY 2021 2,792 - 221 605 - - 20 - - 20 - - - - - - - - - - - - -	Total FY 2018 FTA 5307 FTA 5309 FTA 5310 FTA 5311 FTA 5311 FTA 5314 FTA 5337 FTA 5339 FTA ADTAP FTA DPF FTA TIGER FBD Flexible STP CMAQ RSTP FHWA TAP TIFIA Other Federal State	





APPENDIX A - Grouped Projects

Project Groupings

GROU	PING	Construction : Bridg	struction : Bridge Rehabilitation/Replacement/Reconstruction						
ROUTI	E/STREET					TOTAL COST	\$64,132,505		
	FUND SOU	IRCE	МАТСН	FY18	FY19	FY20	FY21		
RW	Federal - Bl	R	\$75,556	\$302,225	\$0	\$0	\$0		
CN	Federal - A	C CONVERSION	\$621,833	\$582,888	\$1,904,443	\$0	\$0		
	Federal - Bl	R	\$121,835	\$0	\$0	\$0	\$487,340		
CN TO	TAL		\$743,668	\$582,888	\$1,904,443	\$0	\$487,340		
CN AC	Federal - A	С	\$0	\$0	\$0	\$0	\$1,927,317		

GROU	PING	Construction : Rail	onstruction : Rail							
ROUTE	E/STREET		TOTAL COST							
	FUND SOU	RCE	CE MATCH FY18 FY19				FY21			
	\$0 \$0 \$0 \$0 \$									

Project Groupings

GROUF	PING	Construction : Safet	y/ITS/Operational Imp	rovements			
ROUTE	/STREET					TOTAL COST	\$724,320,376
	FUND SOU	RCE	MATCH	FY18	FY19	FY20	FY21
PE	Federal - A	C CONVERSION	\$180,000	\$0	\$250,000	\$370,000	\$1,000,000
	Federal - H	SIP	\$21,111	\$190,000	\$0	\$0	\$0
	Federal - N	HS/NHPP	(\$1,799)	(\$7,195)	\$0	\$0	\$0
PE TOT	AL		\$199,312	\$182,805	\$250,000	\$370,000	\$1,000,000
PE AC	Federal - A	C	\$291,111	\$2,620,000	\$0	\$0	\$0
	Federal - A	C OTHER	\$0	\$0	\$0	\$47,165,000	\$0
PE AC			\$291,111	\$2,620,000	\$0	\$47,165,000	\$0
RW	Federal - H	SIP	\$16,667	\$0	\$150,000	\$0	\$0
	Federal - N	HS/NHPP	\$89,178	\$0	\$356,710	\$0	\$0
RW TO	TAL		\$105,844	\$0	\$506,710	\$0	\$0
CN	Federal - A	C CONVERSION	\$1,030,985	\$0	\$2,106,492	\$0	\$2,378,558
	Federal - H	SIP	\$646,889	\$572,000	\$0	\$850,000	\$4,400,000
	Federal - N	HFP	\$64,383	\$257,530	\$0	\$0	\$0
	Federal - N	HS/NHPP	\$911,492	\$2,495,967	\$0	\$1,150,000	\$0
CN TOT	ΓAL		\$2,653,748	\$3,325,497	\$2,106,492	\$2,000,000	\$6,778,558
CN AC	Federal - A	C	\$336,506	\$650,000	\$0	\$2,378,558	\$0
	Federal - A	C OTHER	\$0	\$12,310,224	\$0	\$0	\$0
CN AC			\$336,506	\$12,960,224	\$0	\$2,378,558	\$0
MPO Note		TIP AMD - Add \$47,	165,000 (AC-Other) F	FY20 PE phase.			

GROU	PING	Construction : Trans	Construction : Transportation Enhancement/Byway/Non-Traditional							
ROUTE	STREET					TOTAL COST	\$43,325,085			
	FUND SOU	RCE	МАТСН	FY18	FY19	FY20	FY21			
RW	Federal - T/	AP/F	\$3,000	\$12,000	\$0	\$0	\$0			
CN	Federal - R	STP	\$632,594	\$2,530,374	\$0	\$0	\$0			
	Federal - T/	AP/F	\$248,117	\$661,158	\$331,310	\$0	\$0			
	Federal - T/	AP/RTAP	\$129,877	\$519,506	\$0	\$0	\$0			
CN TO	TAL		\$1,010,587	\$3,711,038	\$331,310	\$0	\$0			
CN AC	Federal - A	C	\$176,311	\$7,302,235	\$94,900	\$0	\$0			

MPO TIP Report

GROU	PING	Maintenance : Prev	Maintenance : Preventive Maintenance and System Preservation							
PROG	RAM NOTE	Funding identified to	be obligated districtwide as projects are identified.							
ROUTE	E/STREET					TOTAL COST				
	FUND SOU	RCE	МАТСН	FY18	FY19	FY20	FY21			
CN	Federal - S	TP/STBG	\$0	\$7,830,599	\$6,885,779	\$8,721,206	\$8,756,272			
GROU	PING	Maintenance : Prev	entive Maintenance	for Bridges						
PROG	RAM NOTE	Funding identified to	o be obligated distric	twide as projects are	e identified.					
ROUTE	E/STREET					TOTAL COST				
	FUND SOU	RCE	МАТСН	FY18	FY19	FY20	FY21			
CN	Federal - Bl	R	\$0	\$1,753,772	\$1,542,166	\$1,953,236	\$1,961,089			
	Federal - S	TP/STBG	\$0	\$5,452,802	\$4,794,881	\$6,072,972	\$6,097,390			
CN TO	TAL		\$0	\$7,206,574	\$6,337,047	\$8,026,208	\$8,058,479			
GROU	PING	Maintenance : Traff	ic and Safety Operat	ions						
PROG	RAM NOTE	Funding identified to	o be obligated distric	twide as projects are	e identified.					
ROUTE	E/STREET					TOTAL COST				
	FUND SOURCE		МАТСН	FY18	FY19	FY20	FY21			
CN	Federal - S	TP/STBG	\$0	\$2,959,010	\$2,601,983	\$3,295,551	\$3,308,801			

Appendix A

Projects by Grouping

Roanoke MPO

Construction : Bridge Rehabilitation/Replacement/Reconstruction

	Syste	UPC Jurisdiction / Name / Description	Street(Route)	Estimate
Miscellaneous	T19000	alem District-wide 0000		\$0
		RIDGE REHABILITATION/REPLACEMENT		
Primary	77300	otetourt County 0011		\$4,376,365
		TE. 11 OVER TINKER CREEK (STR 03166) - BRIDG	E REPLACEMENT	
		ROM: 0.04 Mile North of Route 1039 TO: 0.13 Mile No	rth of Route 1039 (0.0900 MI)	
Primary	77302	otetourt County 0011		\$3,758,054
		TE. 11 OVER TINKER CREEK (STR. 3167) - BRIDGE	REPLACEMENT	
		ROM: Route 838 TO: 0.09 Mile North of Route 838 (0	0900 MI)	
Primary	77305	oanoke County 0116		\$6,437,612
		TE. 116 OVER BACK CREEK (STR. 14928) - BRIDGE	EREPLACEMENT	
		ROM: 0.285 MILE SOUTH ROUTE 945 TO: 0.584 MI	LE SOUTH ROUTE 945	
Primary	82193	oanoke County 0220		\$17,825,199
		TE. 220 OVER BACK CREEK (STR. 14935) - BRIDGE	E REPLACEMENT	
		ROM: 0.199 MI SOUTH OF ROUTE 657 TO: 0.331 MI	NORTH OF ROUTE 657 (0.5310 MI)	
Primary	94726	oanoke County 0221		\$3,648,210
		TE. 221 OVER MARTINS CREEK (STR. 14945) - BRI	DGE REPLACEMEN	
		ROM: 0.01 mi S. Int Rte 696 TO: 0.01 mi N. Int. Rte 69	6	
Secondary	62650	edford County HARDY FORD	BRIDGE (0634)	\$11,970,041
		SGR RTE. 634 OVER ROANOKE RIVER (STR. 02718	3) - BRIDGE REPLA	
		ROM: 0.19 Mi. West of Franklin County Line TO: 0.12	Mi. East of Bedford County Line (0.3100 MI)	
Secondary	52803	otetourt County CATAWBA RD	(0779)	\$7,857,623
		TE 779 - INT IMPROVEMENTS & BRIDGE OVER AM	STERDAM CREEK	
		ROM: 0.169 MILE EAST ROUTE 672 EAST TO: 0.236	MILE WEST ROUTE 672 EAST (0.4213 MI)	
Secondary	90086	otetourt County WEBSTER RO	AD (0738)	\$4,949,536
		TE. 738 OVER GLADE CREEK (STR. 03516 AND 03	517) - BRDG REPL	
		ROM: Intersection Rte. 460 TO: 0.339 Mile East of Inte	ersection 460 (0.3390 MI)	
Jrban	76677	inton WALNUT AVE	NUE (U000)	\$3,309,865
		eplace bridge and approaches over Glade Creek		
		ROM: 0.098 Miles West of 5th St. TO: 0.052 Miles Eas	t of 5th St. (0.1500 MI)	

Construction : Rail

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

Construction : Rail Total

\$0

Construction : Safety/ITS/Operational Improvements

Interstate	Syste	m UPC Jurisdiction / Na	ame / Description Street(Rou	ite) Estimate
meislale	104048	Botetourt County	0081	\$608,647
		FY13-14 VMS INSTALLATION: INTE	RSTATE 81	
		FROM: NB at MM 147.5 TO: SB at M	И 172.0	
Interstate	99542	Roanoke County	EDGEBROOK ROAD (0081)	\$3,665,725
		RTE. 81 - EXIT 140 Park 'N Ride Fac	lity Expansion	
		FROM: Int Rte 1128 and Rte 1150 TC	: 0.17 Mi. West of Int Rte 1128 and	1150 (0.1700 MI)
Interstate	108418	Roanoke County	I-81 (0081)	\$28,280
		I-81 - INSTALL SIGNS WITH FLASHI	RS	
		FROM: Mile Marker 137.72 TO: Mile I	/larker 138.18 (0.4600 MI)	
Interstate	108906	Roanoke County	I-81 (0081)	\$29,830,716
		#HB2.FY17 I-81 NB Auxilary Lane fro	m Exit 141 to 143	
		FROM: Exit 141 NB TO: MM 143 NB	2.0000 MI)	
nterstate	103828	Salem District-wide	INTERSTATE 81 (0081)	\$9,322,269
		181 Pavement Rehabilitation		
		FROM: VARIOUS TO: VARIOUS (6.6	600 MI)	
Interstate	104046	Salem District-wide	INTERSTATE 77 (0081)	\$873,291
		RTES. 177 & 181 - FY14-15 REPLACE	SIGNS	
		FROM: Interstate 77 TO: Interstate 81		
		Waiting Financial Closure		
nterstate	94089	Roanoke	0581	\$22,907,82
		ARRA RTE. 581 - at Elm Ave. (Desigi	n-Build)	
		FROM: Exit Ramps accessing Elm Av MI)	e. TO: 0.016 Mi.W.WilliamsonRd0	.045 Mi. E. 4TH ST., SE ON ELM AVE (0.2240
nterstate	97231	Roanoke	0581	\$911,783
		ARRA - C RTE. 581 - AT ELM AVE ([FSIGN BUILD)	
Interstate		FROM: Exit Ramps accessing Elm Av		.045 MI. E 4th St., SE on Elm Ave. (0.2240 MI)
Interstate	92558	FROM: Exit Ramps accessing Elm Av Montgomery County		,
nterstate	92558		e. TO: 0.016 Mi W WilliamsonRd0 NORTH FORK ROAD (0603)	
nterstate	92558	Montgomery County	e. TO: 0.016 Mi W WilliamsonRd0 NORTH FORK ROAD (0603) NECTOR	
		Montgomery County RTE. 603 - IRONTO/ELLISTON CON	e. TO: 0.016 Mi W WilliamsonRd0 NORTH FORK ROAD (0603) NECTOR	\$17,770,264
		Montgomery County RTE. 603 - IRONTO/ELLISTON CON FROM: I-81 Exit 128 TO: Intersection	e. TO: 0.016 Mi W WilliamsonRd0 NORTH FORK ROAD (0603) NECTOR Rte. 11/460 (2.0110 MI) 9999	\$17,770,264 \$121,647
		Montgomery County RTE. 603 - IRONTO/ELLISTON CON FROM: I-81 Exit 128 TO: Intersection Salem District-wide	e. TO: 0.016 Mi W WilliamsonRd0 NORTH FORK ROAD (0603) NECTOR Rte. 11/460 (2.0110 MI) 9999	\$17,770,264 \$121,647
		Montgomery County RTE. 603 - IRONTO/ELLISTON CON FROM: I-81 Exit 128 TO: Intersection Salem District-wide INTERSTATE 81 & 77 MARKING RE	e. TO: 0.016 Mi W WilliamsonRd0 NORTH FORK ROAD (0603) NECTOR Rte. 11/460 (2.0110 MI) 9999 TRACE PHASE 1 - SALEM DISTRIC	\$17,770,264 \$121,647
nterstate	106428	Montgomery County RTE. 603 - IRONTO/ELLISTON CON FROM: I-81 Exit 128 TO: Intersection Salem District-wide INTERSTATE 81 & 77 MARKING RE FROM: VARIOUS TO: VARIOUS	e. TO: 0.016 Mi W WilliamsonRd0 NORTH FORK ROAD (0603) NECTOR Rte. 11/460 (2.0110 MI) 9999 TRACE PHASE 1 - SALEM DISTRIC	\$17,770,264 \$121,647 CT
nterstate	106428	Montgomery County RTE. 603 - IRONTO/ELLISTON CON FROM: I-81 Exit 128 TO: Intersection Salem District-wide INTERSTATE 81 & 77 MARKING RE FROM: VARIOUS TO: VARIOUS All funding obligated based on current	e. TO: 0.016 Mi W WilliamsonRd0 NORTH FORK ROAD (0603) NECTOR Rte. 11/460 (2.0110 MI) 9999 FRACE PHASE 1 - SALEM DISTRIC allocations/estimate 9999	\$17,770,264 \$121,647 CT
nterstate	106428	Montgomery County RTE. 603 - IRONTO/ELLISTON CON FROM: I-81 Exit 128 TO: Intersection Salem District-wide INTERSTATE 81 & 77 MARKING RE FROM: VARIOUS TO: VARIOUS All funding obligated based on current Salem District-wide	e. TO: 0.016 Mi W WilliamsonRd0 NORTH FORK ROAD (0603) NECTOR Rte. 11/460 (2.0110 MI) 9999 FRACE PHASE 1 - SALEM DISTRIC allocations/estimate 9999	\$17,770,264 \$121,647 CT
Interstate	106428	Montgomery County RTE. 603 - IRONTO/ELLISTON CON FROM: I-81 Exit 128 TO: Intersection Salem District-wide INTERSTATE 81 & 77 MARKING RE FROM: VARIOUS TO: VARIOUS All funding obligated based on current Salem District-wide Districtwide Buckle-Up Signing Safety	e. TO: 0.016 Mi W WilliamsonRd0 NORTH FORK ROAD (0603) NECTOR Rte. 11/460 (2.0110 MI) 9999 FRACE PHASE 1 - SALEM DISTRIC allocations/estimate 9999 Improvement - Salem	\$17,770,264 \$121,647 CT
Interstate	106428	Montgomery County RTE. 603 - IRONTO/ELLISTON CON FROM: I-81 Exit 128 TO: Intersection Salem District-wide INTERSTATE 81 & 77 MARKING RE FROM: VARIOUS TO: VARIOUS All funding obligated based on current Salem District-wide Districtwide Buckle-Up Signing Safety FROM: VARIOUS TO: VARIOUS	e. TO: 0.016 Mi W WilliamsonRd0 NORTH FORK ROAD (0603) NECTOR Rte. 11/460 (2.0110 MI) 9999 FRACE PHASE 1 - SALEM DISTRIC allocations/estimate 9999 Improvement - Salem	\$17,770,264 \$121,647 CT \$292,727
Interstate	106428	Montgomery County RTE. 603 - IRONTO/ELLISTON CON FROM: I-81 Exit 128 TO: Intersection Salem District-wide INTERSTATE 81 & 77 MARKING RE FROM: VARIOUS TO: VARIOUS All funding obligated based on current Salem District-wide Districtwide Buckle-Up Signing Safety FROM: VARIOUS TO: VARIOUS All funding obligated based on current	e. TO: 0.016 Mi W WilliamsonRd0 NORTH FORK ROAD (0603) NECTOR Rte. 11/460 (2.0110 MI) 9999 TRACE PHASE 1 - SALEM DISTRIC allocations/estimate 9999 Improvement - Salem allocations/estimat 9999	\$17,770,264 \$121,647 CT \$292,727
nterstate	106428	Montgomery County RTE. 603 - IRONTO/ELLISTON CON FROM: I-81 Exit 128 TO: Intersection Salem District-wide INTERSTATE 81 & 77 MARKING RE FROM: VARIOUS TO: VARIOUS All funding obligated based on current Salem District-wide Districtwide Buckle-Up Signing Safety FROM: VARIOUS TO: VARIOUS All funding obligated based on current Salem District-wide	e. TO: 0.016 Mi W WilliamsonRd0 NORTH FORK ROAD (0603) NECTOR Rte. 11/460 (2.0110 MI) 9999 TRACE PHASE 1 - SALEM DISTRIC allocations/estimate 9999 Improvement - Salem allocations/estimat 9999	\$17,770,264 \$121,647 CT \$292,727
Interstate	106428 107099 108991	Montgomery County RTE. 603 - IRONTO/ELLISTON CON FROM: I-81 Exit 128 TO: Intersection Salem District-wide INTERSTATE 81 & 77 MARKING RE FROM: VARIOUS TO: VARIOUS All funding obligated based on current Salem District-wide Districtwide Buckle-Up Signing Safety FROM: VARIOUS TO: VARIOUS All funding obligated based on current Salem District-wide Salem District-wide Systemic Roadway Departure Treatm	e. TO: 0.016 Mi W WilliamsonRd0 NORTH FORK ROAD (0603) NECTOR Rte. 11/460 (2.0110 MI) 9999 TRACE PHASE 1 - SALEM DISTRIC allocations/estimate 9999 Improvement - Salem allocations/estimat 9999	\$17,770,264 \$121,647 CT \$292,727 \$1,810,000
nterstate nterstate	106428 107099 108991	Montgomery County RTE. 603 - IRONTO/ELLISTON CON FROM: I-81 Exit 128 TO: Intersection Salem District-wide INTERSTATE 81 & 77 MARKING RE FROM: VARIOUS TO: VARIOUS All funding obligated based on current Salem District-wide Districtwide Buckle-Up Signing Safety FROM: VARIOUS TO: VARIOUS All funding obligated based on current Salem District-wide Systemic Roadway Departure Treatm FROM: VARIOUS TO: VARIOUS	e. TO: 0.016 Mi W WilliamsonRd0 NORTH FORK ROAD (0603) NECTOR Rte. 11/460 (2.0110 MI) 9999 TRACE PHASE 1 - SALEM DISTRIC allocations/estimate 9999 Improvement - Salem allocations/estimat 9999 ents	\$17,770,264 \$121,647 CT \$292,727 \$1,810,000
Interstate	106428 107099 108991	Montgomery County RTE. 603 - IRONTO/ELLISTON CON FROM: I-81 Exit 128 TO: Intersection Salem District-wide INTERSTATE 81 & 77 MARKING RE FROM: VARIOUS TO: VARIOUS All funding obligated based on current Salem District-wide Districtwide Buckle-Up Signing Safety FROM: VARIOUS TO: VARIOUS All funding obligated based on current Salem District-wide Systemic Roadway Departure Treatm FROM: VARIOUS TO: VARIOUS Statewide	e. TO: 0.016 Mi W WilliamsonRd0 NORTH FORK ROAD (0603) NECTOR Rte. 11/460 (2.0110 MI) 9999 TRACE PHASE 1 - SALEM DISTRIC allocations/estimate 9999 Improvement - Salem allocations/estimat 9999 ents	\$17,770,264 \$121,647 CT \$292,727 \$1,810,000
Interstate Interstate Interstate Interstate	106428 107099 108991 107802	Montgomery County RTE. 603 - IRONTO/ELLISTON CON FROM: I-81 Exit 128 TO: Intersection Salem District-wide INTERSTATE 81 & 77 MARKING RE FROM: VARIOUS TO: VARIOUS All funding obligated based on current Salem District-wide Districtwide Buckle-Up Signing Safety FROM: VARIOUS TO: VARIOUS All funding obligated based on current Salem District-wide Systemic Roadway Departure Treatm FROM: VARIOUS TO: VARIOUS Statewide Incident Management Emergency Eva	e. TO: 0.016 Mi W WilliamsonRd0 NORTH FORK ROAD (0603) NECTOR Rte. 11/460 (2.0110 MI) 9999 TRACE PHASE 1 - SALEM DISTRIC allocations/estimate 9999 Improvement - Salem allocations/estimat 9999 ents	\$17,770,264 \$121,647 CT \$292,727 \$1,810,000 \$500,000
Interstate Interstate Interstate Interstate Interstate Interstate Interstate Interstate	106428 107099 108991 107802	Montgomery County RTE. 603 - IRONTO/ELLISTON CON FROM: I-81 Exit 128 TO: Intersection Salem District-wide INTERSTATE 81 & 77 MARKING RE FROM: VARIOUS TO: VARIOUS All funding obligated based on current Salem District-wide Districtwide Buckle-Up Signing Safety FROM: VARIOUS TO: VARIOUS All funding obligated based on current Salem District-wide Systemic Roadway Departure Treatm FROM: VARIOUS TO: VARIOUS Statewide Incident Management Emergency Eva FROM: Various TO: Various	e. TO: 0.016 Mi W WilliamsonRd0 NORTH FORK ROAD (0603) NECTOR Rte. 11/460 (2.0110 MI) 9999 TRACE PHASE 1 - SALEM DISTRIC allocations/estimate 9999 Improvement - Salem allocations/estimat 9999 ents 9999 ents VARIOUS (PM2R)	\$17,770,264 \$121,647

Construction : Safety/ITS/Operational Improvements

	Syst		Estimate
Miscellaneous	T18999	Salem District-wide 0000	\$0
		CN: SAFETY/ITS/OPERATIONAL/IMPROVEMENTS	
Miscellaneous	106552	Salem District-wide 0000	\$745,961
		Committed Safety Projects-Salem	
		FROM: various TO: various	
Miscellaneous	93174	Statewide 0000	\$1,104,740
		SafetyAnalyst Project	
		FROM: various TO: various	
Miscellaneous	105481	Statewide 0000	\$1,400,000
		Impement iPeMS (Iteris Performance Measrement System)	
		FROM: various TO: various	
Miscellaneous	108517	Salem District-wide VARIOUS (ADA0)	\$100,000
		ADA COMPLIANCE IN SALEM DISTRICT	
		FROM: VARIOUS TO: VARIOUS	
Primary	109558	Roanoke WILLIAMSON ROAD (0011)	\$16,000
		Flashing Yellow Arrow Upgrade - Williamson Rd & Airport Rd	
		FROM: Williamson Road TO: Airport Road	
Primary	109562	Roanoke VALLEY VIEW BLVD. NW (0019)	\$16,000
		Flashing Yellow Arrow Upgrade - Valley View	
		FROM: Valley View Blvd. NW TO: Valley View Ave. NW	
Primary	107053	Bedford County STEWARTSVILLE ROAD (0024)	\$1,600,000
		Rt. 24 Bedford County - Safety Improvements	
		FROM: Route 886 TO: 0.26 miles East of Route 635 (1.5000 MI)	
Primary	109567	Roanoke ELM AVENUE (0024)	\$24,000
		Flashing Yellow Arrow Upgrade - Jefferson St. & Elm Ave.	
		FROM: Elm Avenue TO: Jefferson Street	
Primary	103210	Botetourt County BOTETOURT ROAD (0220)	\$8,573,155
		RTE. 220 Corridor - Replace 2 Narrow Structures	
		FROM: 0.239 Mi. North of Rte. 43 TO: 0.630 Mi. South of Rte. 694 (0.9310 MI)	
Primary	108908	Roanoke US 220 - FRANKLIN ROAD (0220)	\$422,500
		#HB2.FY17 US220 Communications and Adaptive System Project	
		FROM: Valley Ave / Southern Hills Drive SW TO: Clearbrook Village Lane (2.0000 MI)	
Primary	107063	Bedford County 0221	\$2,550,000
		Rt. 221 Bedford Co Bike & Ped Safety Improvements	
		FROM: 0.09 miles North of Route 1049 TO: 0.06 miles South of Route 621	
Primary	107054	Roanoke County THOMPSON MEMORIAL DRIVE (0311)	\$491,227
		Route 311 - Roanoke County - Pedestrian Safety Improvements	
		FROM: NCL Salem TO: 0.02 Mile North of I-81 SB Ramp (0.0900 MI)	
Primary	107061	Roanoke County ELECTRIC ROAD (0419)	\$5,853,432
		#HB2.FY17 Rte 419 Safety Improvements at Tanglewood	
		FROM: Route 419 TO: Route 867 (0.6000 MI)	
Primary	109582	Bedford County 0460	\$4,510,000
		Route 460 Safety Improvements	
		FROM: 0.49 miles East of Route 741 TO: 0.64 miles East of Route 689 (4.0000 MI)	

Construction : Safety/ITS/Operational Improvements

	Syste	m UPC Jurisdiction / Name / Description Street(Route)	Estimate		
Primary	109566	Roanoke ORANGE AVENUE (0460)	\$16,000		
		Orange Avenue/ Blue Hills Signal Upgrade - City of Roanoke			
		FROM: Orange Avenue TO: Blue Hills			
Primary	109570	Roanoke ORANGE AVENUE NE (0460)	\$265,000		
		Orange Avenue/ Hollins Road Signal Upgrade - City of Roanoke			
		FROM: Route 460 TO: Route 115			
Primary	107055	Roanoke County 9999	\$1,000,000		
		Route 11 & 117 Roanoke Co Bike & Ped Safety Improvements			
		FROM: Route 117 TO: Route 11			
Primary	107069	Salem District-wide 9999	\$2,000,000		
		Safety Improvements - Yearly HSIP open container funds			
		FROM: Various TO: Various			
Primary	108538	Salem District-wide VARIOUS (9999)	\$897,700		
		Adaptive Capable Signal Controllers - SWRO			
		FROM: VARIOUS TO: VARIOUS			
Secondary	109569	Roanoke BRANDON AVENUE (8029)	\$16,000		
		ashing Yellow Arrow Upgrade - Brandon Ave. & Colonial Ave.			
		FROM: Brandon Avenue TO: Colonial Avenue			
Secondary	15190	Roanoke County COTTON HILL RD (0688)	\$6,532,659		
		RTE 688 - RECONSTRUCTION			
		FROM: 0.056 MILE SOUTH ROUTE 221 TO: 0.105 MILE SOUTH ROUTE 934 (0.6566 MI)			
Secondary	15187	Roanoke County MCVITTY ROAD (1662)	\$14,590,943		
		RTE 1662 - RECONSTRUCTION & REPLACE BRIDGE OVER MUD LICK CK			
		FROM: INT. OF ROUTE 1663 TO: INT. OF ROUTE 419 (0.4680 MI)			
Secondary	15188	Roanoke County OLD CAVE SPR LN (1663)	\$4,714,799		
		RTE 1663 - RECONSTRUCT; DRAINAGE STRUCT/BRANCH MUD LICK CK			
		FROM: SOUTH INT. ROUTE 221 TO: INT. OF ROUTE 1662 (0.2830 MI)			
Secondary	105736	Salem District-wide VARIOUS (9999)	\$166,101		
		Roadway Departure Safety Countermeasures			
		FROM: Various TO: Various			
Urban	8753	Salem EAST MAIN STREET (0460)	\$15,223,263		
		#HB2.FY17 Rte460 - Widen To 3 Ln w/ Bike Ln, Curb, Sidewalk			
		FROM: 0.028 Mi. West of Route 311 (Thompson Memorial Blvd.) TO: 0.006 Mi. West of Brand A	ve. (0.5473 MI)		
Urban	100656	Salem ROUTE 419 (0419)	\$594,720		
		Construct sidewalk on west side of Rte 419 & connect to RRG			
		FROM: existing RRG in Rotary Park TO: City Limits (0.6700 MI)			
Urban	105213		\$88,000		
		Rte.U000 - Walnut Ave Ph. I - SW, Stripe, Xwalks & Landscape			
		FROM: 5th St. TO: W. Lee Ave.			
Construction : S	afety/ITS/One	rational Improvements Total	\$166,755,376		

Construction : Transportation Enhancement/Byway/Non-Traditional

	Syste	em UPC Jurisdiction / Name / Description Street(Route)	Estimate			
Enhancement	105439	Roanoke ROANOKE RIVER GREENWAY (0000)	\$7,605,000			
		Roanoke River Greenway (Bridge St to Aerial Way Dr) - RSTP				
Enhancement	105206	Salem APPERSON DRIVE (0000)	\$1,230,845			
		Apperson Dr Rte. 11 Bridge - Sidewalk Expansion (Ph 4 RRG)				
		FROM: East Riverside Drive TO: Electric Road Rte. 419 (0.0600 MI)				
Enhancement	103345	Roanoke MEMORIAL AVE (0003)	\$248,316			
		RR Grnwy-Bike/Ped b/t Vic Thomas/Ghent Hill Parks				
		FROM: Vic Thomas Park TO: Ghent Hill Park (0.2500 MI)				
Enhancement	103592	Roanoke 0500	\$1,014,930			
		Virginian Railway Station Restoration Phase 2				
		FROM: Virginian Railway Station TO: Virginian Railway Station				
Enhancement	101838		\$744,028			
		Bridge on Phase 3A_City of Salem Roanoke River Greenway				
		FROM: approximately 1200' E. Mill Lane TO: Eddy St.				
Enhancement	91191	Roanoke County EN08	\$6,857,566			
		Rnke River Grnwy - City of Roanoke to Blue Ridge Parkway				
Enhancement	97171	Roanoke County EN08	\$8,032,031			
Emancement	57171	#HB2.FY17 Roanoke Co, RRG, Green Hill Pk to Riverside Pk	ψ0,002,001			
		FROM: Green Hill Park TO: Riverside Park (1.7300 MI)				
Enhancement	102607	Roanoke County PLANTATION ROAD (RT. 115) (EN12)	\$5,297,128			
Linancement	103007	Roanoke Co., Plantation Road Streetscape Improvements	\$J,297,120			
Enhancement	107521	FROM: Williamson Road (Route 11) TO: Gander Way / Friendship Ln (0.7200 MI) Botetourt County EN15	\$595,438			
Lindicement	107.521	DALEVILLE GREENWAY - TAP	4595,450			
Enhancement	106265	Roanoke GARDEN CITY BLVD (EN15)	\$1,000,000			
		GARDEN CITY BLVD BIKE/PED - TRANSPORTATION ALTERNATIVES				
		FROM: Davenport Ave/Ivywood St TO: Riverland Rd				
Enhancement	106266	Roanoke MELROSE AVE (EN15)	\$205,980			
		ADA BUS FACILITIES - TRANSPORTATION ALTERNATIVES				
		FROM: Barnett Rd (Western City Limits) TO: Salem Tpke (2.8000 MI)				
Enhancement	106268	Salem HANGING ROCK BATTLEFIELD TRAIL (EN15)	\$1,333,117			
		HANGING ROCK BATTLEFIELD TRAIL - TRANSPORTATION ALTERNATIVES				
		FROM: existing Hanging Rock Battlefield Trail TO: East Main St				
Enhancement	109612	Salem EN16	\$613,000			
		DOWNTOWN STREETSCAPE AND INTERSECTION IMPROVEMENTS				
Enhancement	109611	Vinton EN16	\$531,210			
		GLADE CREEK GREENWAY, PHASE 2				
Enhancement	103495	Roanoke County EN97	\$368,630			
		Low Water Bridge for HRB Trail near Int. Rtes. 419 and 311	. ,			

	Syste	em U	IPC Jurisdiction / Name / Description	Street(Route)	Estimate
Miscellaneous	102856	Roanoke	GARDEN CITY BO	ULEVARD (0000)	\$507,793
		City of Roanoke -			
		FROM: Yellow Mo	ountain Rd TO: Ivywood St (0.7400 MI)		
Miscellaneous	T18992	Salem District-wid	le 0000		\$C
		CN: TRANSPORT	TATION ENHANCEMENT/BYWAY/OTHEF	R NON-TRADITIONAL	
Miscellaneous	105015	Roanoke	ROANOKE CITY (M	MMTS)	\$300,000
		Downtown Roano	ke Multimodal Transportation Study		
		FROM: Roanoke	TO: Roanoke		
Primary	78217	Roanoke	WILLIAMSON RD ((EN05)	\$489,999
		REHABILITATION			
Public Transportation	T14242	Roanoke	ROANOKE CITY (E	BUSR)	\$560,000
		Bus Replacement			
		FROM: Roanoke	TO: Blacksburg		
Urban	109288	Roanoke	EDGEWOOD STRE	EET (0000)	\$350,811
		#HB2.FY17 Trans	it Accessibility Improvements on Edgewoo	od St	
		FROM: Windsor A	ve TO: Memorial Ave		
Urban	72180	Roanoke	EN03		\$2,550,285
		CITY OF ROANO	KE - ROANOKE RIVER GREENWAY		
		WITHIN THE CITY	Y OF ROANOKE LIMITS		
Urban	108899	Salem	BOULEVARD (801)	0)	\$884,880
		#HB2.FY17 Multin			
		FROM: McDivitt R	d TO: Salem City Limit (0.7500 MI)		
Urban	56409	Salem	EN00		\$2,004,098
		CITY OF SALEM	- CONSTRUCTION OF 7 MILE BICYCLE/	PEDESTRIAN	
		FROM: Western li	mits of Green Hill Park, Roanoke County 1	TO: Eastern corporate limits of City	of Salem (7.0000 MI)

Maintenance : Preventive Maintenance and System Preservation

	System	UPC Jurisdiction / Name / Desc	ription Street(Route)	Estimate		
Miscellaneous	T14722 Salem Dis	rict-wide 0000		\$0		
STIP-MN Salem: Preventive MN and System Preservation						
Maintenance : Pre	ventive Maintenance a	nd System Preservation Total		\$0		

Maintenance : Preventive Maintenance and System Preservation Total

Maintenance : Preventive Maintenance for Bridges

	System	UPC Jurisdiction / Name / Description	on Street(Route)	Estimate
Miscellaneous	T14721 Salem Dist	rict-wide 0000		\$0
	STIP-MN S	alem: Preventive MN for Bridges		

Maintenance : Preventive Maintenance for Bridges Total

Maintenance : Traffic and Safety Operations

	System	UPC Jurisdiction / Name / Description	Street(Route)	Estimate		
Miscellaneous	T14720 Salem Distrie	ct-wide 0000		\$0		
STIP-MN Salem: Traffic and Safety Operations						
Maintenance : Tra	ffic and Safety Operation	s Total		\$0		
Roanoke MPO To	otal			\$274,212,966		

APPENDIX B - Ungrouped Projects

Interstate Projects

UPC N	UPC NO 75910		SCOPE	Relocation			
SYSTE	M	Interstate	JURISDICTION	Botetourt County		OVERSIGHT	NFO
PROJE	CT	Route 11,220,220A	Access Managemer	nt Project at I-81 Exit	150	ADMIN BY	VDOT
DESCF	RIPTION	FROM: 0.30 MILE \$	SOUTH OF ROUTE :	220 TO: 0.74 MILE N	NORTH OF ROUTE 2	220 (1.0410 MI)	
ROUTE	E/STREET	0081				TOTAL COST	\$50,185,950
	FUND SOURCE		МАТСН	FY18	FY19	FY20	FY21
PE	Federal - N	HS/NHPP	(\$46,858)	(\$187,430)	\$0	\$0	\$0
RW	Federal - N	HS/NHPP	(\$27,176)	(\$244,583)	\$0	\$0	\$0
CN	Federal - N	HS/NHPP	\$508,537	\$3,092,393	\$0	\$0	\$0
CN AC	Federal - A	C	\$584,636	\$2,338,542	\$0	\$0	\$0
UPC N	0	16595	SCOPE	Reconstruction w/ Added Capacity			
SYSTE	M	Interstate	JURISDICTION	Roanoke		OVERSIGHT	FO
PROJE	CT	RTE 581 - VALLEY	VIEW INTERCHAN	IGE PHASE II ADMIN BY VDOT			VDOT
DESCF	RIPTION	FROM: 0.300 MI. S (1.2600 MI)	. ROUTE 101 (HERS	SHBERGER ROAD)	TO: 1.560 MI. S. RC	UTE 101 (HERSHB	ERGER ROAD)
ROUTE	E/STREET	0581				TOTAL COST	\$60,409,490
	FUND SOU	RCE	МАТСН	FY18	FY19	FY20	FY21
PE	Federal - N	HS/NHPP	\$0	\$424,013	\$0	\$0	\$0
	Federal - S	TP/STBG	\$0	\$96,743	\$0	\$0	\$0
PE TO	TAL		\$0	\$520,756	\$0	\$0	\$0
RW	Federal - NHS/NHPP		(\$497,323)	(\$4,475,903)	\$0	\$0	\$0
CN	Federal - N	HS/NHPP	\$497,323	\$11,493,726	\$0	\$0	\$0
CN AC	Federal - A	C	\$2,637,083	\$10,548,333	\$0	\$0	\$0

Primary Projects

UPC NO		17698	98 SCOPE Reconstruction w/o Added Capacity				
SYSTEM		Primary	JURISDICTION	Roanoke County		OVERSIGHT	NFO
PROJECT		RTE 11/460 - Widen to 4-LN w/curb, gutter, and raised median				ADMIN BY	VDOT
DESCR	RIPTION	FROM: .055 MI. E. OF WCL SALEM TO: 0.10 MILE WEST ROUTE 830 (2.1880 MI)					
ROUTE/STREET		W.MAIN ST. (0011)			TOTAL COST	\$47,139,261	
	FUND SOU	IRCE	МАТСН	FY18	FY19	FY20	FY21
PE AC Federal - AC		С	\$309,967	\$1,239,868	\$0	\$0	\$0
RW Federal - AC AC		С	\$255,118	\$1,020,472	\$0	\$0	\$0
CN AC			\$1,290,621	\$5,162,484	\$0	\$0	\$0
UPC NO		98220	SCOPE	Preliminary Enginee			
SYSTEM		Primary	JURISDICTION	Roanoke County		OVERSIGHT	NFO
PROJECT		RTE. 115, Plantation Rd Corridor Improvements				ADMIN BY	Locally
DESCR	RIPTION	FROM: Williamson	amson Road (Route 11) TO: Gander Way / Friendship Ln (0.7200 MI)				
ROUTE/STREET		PLANTATION ROAD (0115)				TOTAL COST	\$1,566,835
	FUND SOU	IRCE	МАТСН	FY18	FY19	FY20	FY21
PE Other			\$327,500	\$327,500	\$0	\$0	\$0
CN Other			\$64,085	\$64,085	\$0	\$0	\$0
CN Federal - AC AC		С	\$0	\$783,665	\$0	\$0	\$0
UPC NO	0	108905	SCOPE Reconstruction w/o Added Capacity				
SYSTEM		Primary	JURISDICTION	Roanoke County		OVERSIGHT	NFO
PROJECT		#HB2.FY17 Lila Dr	/ Rte 115 Intersectio	n Safety Improveme	nts	ADMIN BY	VDOT
DESCR	RIPTION	FROM: Lila Drive TO: Route 115 (Plantation Road) (0.1000 MI)					
ROUTE	STREET	PLANTATION ROAD (0115)				TOTAL COST	\$1,269,396
	FUND SOU	IRCE	MATCH	FY18	FY19	FY20	FY21
RW	Federal - N	HS/NHPP	\$0	\$0	\$85,000	\$0	\$0
CN	Federal - N	HS/NHPP	\$0	\$0	\$0	\$993,415	\$0
UPC NO 95812 SCOPE New Construction Roadway							
SYSTEM		Primary	JURISDICTION	Roanoke County		OVERSIGHT	NFO
PROJECT						ADMIN BY	VDOT
DESCR	RIPTION	FROM: 0.035 Km. S. Rte. 688 TO: 1.478 Km. N. Rte. 688 (1.5120 KM)					
PROGRAM NOTE All funding based on current allocations/estimate.							
ROUTE	STREET	0221				TOTAL COST	\$25,332,937
FUND SOURCE		IRCE	MATCH	FY18	FY19	FY20	FY21
			\$0	\$0	\$0	\$0	\$0

UPC N	0	96139	SCOPE	New Construction Roadway				
SYSTE	M	Primary JURISDICTION Roanoke County OVE			OVERSIGHT	NFO		
PROJE	CT	ARRA-C Roanoke 2	221 Reconstruct to 4	Lanes (CN Phase C	Only)	ADMIN BY	VDOT	
DESCF	RIPTION	FROM: 0.035 km. S	. Rte. 688 TO: 1.478	3 km N. Rte. 688 (1.5	5120 KM)			
ROUTE	E/STREET	0221				TOTAL COST	\$105,024	
	FUND SOL	IRCE	MATCH	FY18	FY19	FY20	FY21	
CN	Federal - S	TP/STBG	\$0	(\$549,449)	\$0	\$0	\$0	
	Federal - STP/SU		(\$106,359)	(\$425,434)	\$0	\$0	\$0	
CN TOTAL			(\$106,359)	(\$974,883)	\$0	\$0	\$0	
LIPC NO 108904 SCC			SCOPE	Reconstruction w/o	Added Capacity			

UPC NO	5	108904	108904 SCOPE Reconstruction Wo Added Capacity					
SYSTE	М	Primary	JURISDICTION	Roanoke County		OVERSIGHT NFO		
PROJE	СТ	#HB2.FY17 Route 311 / Route 419 Int. Safety & Congestion Imp ADMIN BY VDOT					VDOT	
DESCR	RIPTION	FROM: Intersection	of Rte 311 & Rte 41	9 TO: Intersection of	f Rte 311 & Rte 419	(0.1000 MI)		
ROUTE	STREET	CATAWBA VALLEY	′ DRIVE (0311)			TOTAL COST	\$1,957,006	
	FUND SOU	IRCE	MATCH	FY18	FY19	FY20	FY21	
PE	Other		\$0	\$316,386	\$0	\$0	\$0	
RW	Other		\$0	\$0	\$0	\$369,117	\$0	
CN	Other		\$0	\$0	\$0	\$0	\$1,271,503	

Roanoke MPO

Urban Projects

UPC N	0	688	SCOPE	Reconstruction w/ A	Added Capacity		
SYSTE	М	Urban	JURISDICTION	Roanoke		OVERSIGHT	NFO
PROJE	CT	13TH STREET AND	HOLLINS ROAD			ADMIN BY	VDOT
DESCF	RIPTION	FROM: JAMISON A	VE TO: .08 MILE NO	ORTH INT. ORANGE	E AVENUE (0.9790 M	vI)	
ROUTE	ROUTE/STREET 13TH ST/ HOLLIN		RD (U000)			TOTAL COST	\$63,266,488
	FUND SOU	RCE	MATCH	FY18	FY19	FY20	FY21
PE	Federal - S	TP/STBG	\$156,966	\$627,862	\$0	\$0	\$0
RW	Federal - S	TP/STBG	\$80,753	\$323,013	\$0	\$0	\$0
UPC N	0	108896	SCOPE	Facilities for Pedest	rians and Bicycles		
SYSTE	М	Urban	JURISDICTION	Roanoke		OVERSIGHT	NFO
PROJE	CT	#HB2.FY17 Colonia	I Avenue Improveme	ents		ADMIN BY	Locally
DESCF	RIPTION	FROM: Winding Wa	ay Road SW TO: Ove	erland Road SW (0.5	6000 MI)	-	-
ROUTE	E/STREET	COLONIAL AVENU	IE (8001)		TOTAL COST	\$7,000,000	
	FUND SOU	RCE	MATCH	FY18	FY19	FY20	FY21
CN	Federal - H	SIP	\$0	\$201,166	\$0	\$0	\$0
	Federal - N	HS/NHPP	\$0	\$383,116	\$0	\$0	\$0
	Other		\$461,405	\$461,405	\$0	\$0	\$0
CN TO	TAL		\$461,405	\$1,045,687	\$0	\$0	\$0
CN AC	Federal - A	0	\$0	\$4,892,908	\$0	\$0	\$0
UPC N	0	52076	SCOPE	Reconstruction w/o	Added Capacity		
SYSTE	М	Urban	JURISDICTION	Salem		OVERSIGHT	NFO
PROJE	CT	RTE 11 - APPERSO	ON DR - INTERSEC	TION IMPROVEMEN	NTS - PE ONLY	ADMIN BY	VDOT
DESCR	RIPTION	AT ROUTE 419 (EL	ECTRIC ROAD) (0.	.3000 MI)			
ROUTE	STREET	APPERSON DRIVE	(0011)			TOTAL COST	\$36,569,924
	FUND SOU	RCE	МАТСН	FY18	FY19	FY20	FY21
PE	Federal - Bl	۲	\$392,558	\$1,570,232	\$0	\$0	\$0
PE AC	Federal - A	C	\$231,631	\$926,525	\$0	\$0	\$0

APPENDIX C - Resolution Approving Final TIP 2018-2021



313 Luck Avenue, SVV Roanoke, Virginia 24016 P: 540.343.4417 / F: 540.343.4416 rvtpo.org

The 27th day of April, 2017

RESOLUTION

by the Policy Board of the Roanoke Valley Transportation Planning Organization Approving the Final Transportation Improvement Program for Fiscal Years 2018, 2019, 2020 and 2021 for the Roanoke Urban Area

WHEREAS, it is the position of the Roanoke Valley Transportation Planning Organization that projects proposed for improving transportation in the Roanoke urban area should be examined closely; and

WHEREAS, the Transportation Improvement Program has been prepared to initiate review by the Roanoke Valley Transportation Planning Organization of proposed transportation improvements for federal fiscal years 2018, 2019, 2020 and 2021; and

WHEREAS, inclusion of transportation projects in the Transportation Improvement Program is a condition of federal participation in the funding of that project; and

WHEREAS, the Transportation Improvement Program is required to be submitted to the Virginia Department of Transportation for inclusion in the State Transportation Improvement Program; and

WHEREAS, the TPO's Transportation Technical Committee has reviewed this document and has recommended that the Policy Board of the Roanoke Valley Transportation Planning Organization forward the FY2018-2021 Transportation Improvement Program to the Virginia Department of Transportation for inclusion in the State Transportation Improvement Program;

NOW, THEREFORE, BE IT RESOLVED that the Policy Board of the Roanoke Valley Transportation Planning Organization approves the FY2018-2021 Transportation Improvement Program, as presented, and forwards the document to the Virginia Department of Transportation for inclusion in the State Transportation Improvement Program.

Chair

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

Roanoke Valley Area Metropolitan Planning Organization

APPENDIX D: Self-Certification Statement



METROPOLITAN TRANSPORTATION PLANNING PROCESS SELF-CERTIFICATION STATEMENT

In accordance with 23 CFR 450.336, the Virginia Department of Transportation and the Roanoke Valley Transportation Planning Organization (d.b.a. RVTPO, but officially known as the Roanoke Valley Area Metropolitan Planning Organization) for the Roanoke urbanized area hereby certify that the transportation planning process is being conducted in accordance with all applicable requirements of:

- (1) 23 U.S.C. 134, 49 U.S.C. 5303, and 23 CFR part 450 Subpart C (Metropolitan Planning);
- (2) In nonattainment and maintenance areas, sections 174 and 176 (c) and (d) of the Clean Air Act, as amended (42 U.S.C. 7504, 7506 (c) and (d)) and 40 CFR part 93 (Conformity Determination);
- (3) Title VI of Civil Rights Act of 1964, as amended (42 U.S.C. 2000d-1), 49 CFR part 21;
- (4) 49 U.S.C. 5332 prohibiting discrimination on the basis of race, color, creed, national origin, sex, or age in employment or business opportunity;
- (5) Section 1101(b) of the FAST ACT (Pub. L. 114-357) and 49 CFR part 26 regarding the involvement of disadvantaged business enterprises in USDOT funded projects (DBE Involvement);
- (6) 23 CFR part 230, regarding the implementation of an equal employment opportunity program on Federal and Federal-aid highway construction contracts;
- (7) The provisions of the Americans with Disabilities Act of 1990 (42 U.S.C. 12101 et seq.) and 49 CFR parts 27, 37, and 38;
- (8) The Older Americans Act, as amended (42 U.S.C. 6101), prohibiting discrimination on the basis of age in programs or activities receiving Federal financial assistance;
- (9) Section 324 of Title 23, U.S.C., regarding the prohibition of discrimination based on gender; and
- (10) Section 504 of the Rehabilitation Act of 1973 (29 U.S.C. 794) and 49 CFR part 27 regarding discrimination against individuals with disabilities.

Roanoke Valley TPO <u>Jane W. Johnson, Chair</u> Title April 27, 2017 Date

Virginia Department of Transportation Jeim Signature

District

Title

4-27-17 Date

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

Roanoke Valley Area Metropolitan Planning Organization



COMMONWEALTH of VIRGINIA

Jennifer L. Mitchell Director DEPARTMENT OF RAIL AND PUBLIC TRANSPORTATION 600 EAST MAIN STREET, SUITE 2102 RICHMOND, VA 23219-2416 (804) 786-4440 FAX (804) 225-3752 Virginia Relay Center 800-828-1120 (TDD)

November 3, 2017

RE: Self-Certification Statement for the Roanoke Urbanized Area

Wayne G. Strickland, Secretary Roanoke Valley Transportation Planning Organization P.O. Box 2569 Roanoke, VA 24010

Dear Mr. Strickland,

As part of the Metropolitan Transportation Planning Process outlined in 23 CFR 450.336, the Virginia Department of Rail and Public Transportation (DRPT) recognizes that on April 27, 2017, the Roanoke Valley Transportation Planning Organization (RVTPO) adopted its Fiscal Year 2018-2021 Transportation Improvement Program. As part of that process, a Self-Certification Statement was executed between the RVTPO Policy Board and the Virginia Department of Transportation.

As a planning partner of the RVTPO, DRPT likewise certifies the transportation planning process in accordance with all following applicable requirements of:

- 1. 23 U.S.C. 134, 49 U.S.C. 5303, and 23 CFR part 450 Subpart C (Metropolitan Planning);
- 2. In nonattainment and maintenance areas, sections 174 and 176 (c) and (d) of the Clean Air Act, as amended (42 U.S.C. 7504, 7506 (c) and (d)) and 40 CFR part 93 (Conformity Determination);
- 3. Title VI of Civil Rights Act of 1964, as amended (42 U.S.C. 2000d-1), 49 CFR part 21;
- 4. 49 U.S.C. 5332 prohibiting discrimination on the basis of race, color, creed, national origin, sex, or age in employment or business opportunity;
- 5. Section 1101(b) of the FAST ACT (Pub. L. 114-357) and 49 CFR part 26 regarding the involvement of disadvantaged business enterprises in USDOT funded projects (DBE Involvement);
- 6. 23 CFR part 230, regarding the implementation of an equal employment opportunity program on Federal and Federal-aid highway construction contracts;
- 7. The provisions of the Americans with Disabilities Act of 1990 (42 U.S.C. 12101 et seq.) and 49 CFR parts 27, 37, and 38;
- 8. The Older Americans Act, as amended (42 U.S.C. 6101), prohibiting discrimination on the basis of age in programs or activities receiving Federal financial assistance;

The Smartest Distance Between Two Points www.drpt.virginia.gov

- 9. Section 324 of Title 23, U.S.C., regarding the prohibition of discrimination based on gender; and
- 10. Section 504 of the Rehabilitation Act of 1973 (29 U.S.C. 794) and 49 CFR part 27 regarding discrimination against individuals with disabilities.

Sincerely,

Denonau

Cheryl Openshaw, Deputy Director

The Smartest Distance Between Two Points www.drpt.virginia.gov

APPENDIX E – Amendments and Adjustments

Salem District

Interstate Projects

MPO		Roanoke						
UPC NO	0	110395	110395 SCOPE					
SYSTE	М	Interstate	JURISDICTION	Roanoke County		OVERSIGHT	NFO	
PROJE	СТ	#HB2.FY17 I-81 AU	IX LN FR EXIT 141 -	143 GARVEE DEBT	SERVICE	ADMIN BY	VDOT	
DESCR	RIPTION							
PROGF	PROGRAM NOTE FFY15 Rollover project - Project added to the FFY18 STIP based on FHWA approval of STIP Amd #FFY17-08 2/07/1 Project is consistent with the metropolitan TIP. Includes \$407,641 GARVEE Debt Service interest Prev, \$923,587 GARVEE Debt Service interest for FFY18, \$9,225,216 GARVEE Debt Service interest for FFY19-FFY35. Total GARV Debt Service interest \$10,556,444. Corresponding CN UPC 108906 which has been added to Roanoke MPO CN: Safety/ITS/Operational Improvements grouping.					rev, \$923,587 /35. Total GARVEE		
ROUTE	STREET	0081				TOTAL COST	\$10,556,444	
	FUND SOU	IRCE	MATCH	FY18	FY19	FY20	FY21	
PE	Federal - A	C CONVERSION	\$0	\$923,587	\$0	\$0	\$0	
MPO N	ote			•	•	•	-	

Salem District

Interstate Projects

MPO		Roanoke	Roanoke					
UPC NO	0	111983	111983 SCOPE					
SYSTEM Interstate		JURISDICTION	Roanoke County		OVERSIGHT	NFO		
PROJE	CT	#SMART18 - 81 SB	Aux Ln frm Exit 143	3-141 GARVEE Debt	Service	ADMIN BY	VDOT	
DESCR	RIPTION							
		Project is consisten \$10,097,154 GARV	t with the metropolita EE Debt Service inte	to the FFY18 STIP b an TIP. Includes \$2 erest for FFY19-FFY3 s included in Roanol	12,115 GARVEE De 36. Total GARVEE D	bt Service interest for bebt Service interest	or FFY18, \$10,309,269.	
ROUTE	STREET	0081				TOTAL COST	\$10,309,269	
	FUND SOL	IRCE	МАТСН	FY18	FY19	FY20	FY21	
PE	Federal - N	HS/NHPP	\$0	\$212,115	\$0	\$0	\$0	
PE AC	C Federal - AC		\$0	\$10,097,154	\$0	\$0	\$0	
MPO N	ote							



313 Luck Avenue, SW Roanoke, Virginia 24016 P: 540.343.4417 *I* F: 540.343.4416 **rvtpo.org**

November 30, 2017

Mr. Michael Gray Salem District Planning Manager Virginia Department of Transportation 731 Harrison Avenue Salem, VA 24153

RE: FY 2018-2021 TIP Adjustment Request

Dear Mr. Gray:

Per your request, the Roanoke Valley Transportation Planning Organization's (RVTPO) FY2018-2021 Transportation Improvement Program (TIP) has been administratively modified to reflect changes in statewide rail funding under the grouping Construction: Rail. It is acknowledged that although this grouping indicates statewide funding, portions of the RVTPO may benefit from it.

The adjusted FY2018-2021 TIP can be found on our website at www.rvtpo.org.

Sincerely,

am S

Wayne Strickland Secretary to the TPO

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



313 Luck Avenue, SW Roanoke, Virginia 24016 P: 540.343.4417 / F: 540.343.4416 rvtpo.org

The 22nd day of March 2018

RESOLUTION

Approving an Amendment to the <u>Transportation Improvement Program</u> for Federal Fiscal Years 2018, 2019, 2020 and 2021 for the Roanoke Urbanized Area

WHEREAS, the Roanoke Valley Transportation Planning Organization approved the FY 2018-2021 Transportation Improvement Program on April 28, 2017; and

WHEREAS, the inclusion of transportation projects in the Transportation Improvement Program is a condition of federal participation in the funding of that project; and

WHEREAS, public input has been sought in amending the FY 2018-2021 Transportation Improvement Program in accordance with the Roanoke Valley Transportation Planning Organization's Public Participation Plan approved on February 22, 2018; and

WHEREAS, the Amendment of the FY 2018-2021 Transportation Improvement Program includes the following new project categories (and projects) affecting the TPO Service Area:

- Automated Data Processing (ADP) Hardware,
- ADP Software,
- Security; and

WHEREAS, the TPO Policy Board held a duly advertised Public Hearing, which concluded a 15-day public comment period and TPO staff recommended approval,

NOW, THEREFORE BE IT RESOLVED, that the Roanoke Valley Transportation Planning Organization Policy Board does hereby approve the Amendment to the *FY 2018-2021 Transportation Improvement Program,* as presented.

RVTPO Chairman

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

Roanoke Valley Area Metropolitan Planning Organization



	Previous Funding	FY 2018	FY 2019	FY 2020	FY 2021	Total FY 2018-20)21
		DLITAN PLANNING					
STIP ID:	GRT0006	Title: Rehab/Renova		Recipient:	Greater Roanok	e Transit Company	
		Admin/Maint Buildin	g		1		
FTA 5339		226				FTA 5339	226
State		45				State	45
Local		11				Local	11
Year Total:	-	282	-	-		- Total Funds:	282
Description:	Adjustment #4: In tot	al, increase funding by	/ 116K. Increase FTA	5339 funding by \$66	K in FY18, increase	state by \$13K, and local by	\$3K.
STIP ID:	GRT0007	Title: Shop Equipme	ent	Recipient:	Greater Roanok	e Transit Company	
FTA 5339		160		16		FTA 5339	176
State		32		3		State	35
Local		8		1		Local	9
Year Total:	-	200	-	20		- Total Funds:	220
Description:	Adjustment #4: Incre local funding in FY19		by 144K in FY18, inc	rease state by \$29K,	and increase local b	y \$10K. Remove all FTA, st	tate, and
		•					
STIP ID:	GRT0008	Title: ADP Software)	Recipient:	Greater Roanok	e Transit Company	
STIP ID: FTA 5339	L)	Recipient:	Greater Roanok	e Transit Company FTA 5339	3
_	L	Title: ADP Software)	Recipient:	Greater Roanok		3 1
FTA 5339 State Local	L	Title: ADP Software	9	Recipient:	Greater Roanok	FTA 5339	3 1 1
FTA 5339 State	L	Title: ADP Software 3 1	-	Recipient:	Greater Roanok	FTA 5339 State	3 1 1 5
FTA 5339 State Local	GRT0008	Title: ADP Software 3 1 1			Greater Roanok	FTA 5339 State Local	1
FTA 5339 State Local Year Total:	GRT0008	Title: ADP Software 3 1 1 5	- • FY18-21 TIP.			FTA 5339 State Local	1
FTA 5339 State Local Year Total: Description:	GRT0008 - Amendment #1: This	Title: ADP Software 3 1 1 5 is a new project in the	- • FY18-21 TIP.			FTA 5339 State Local - Total Funds:	1
FTA 5339 State Local Year Total: Description: STIP ID:	GRT0008 - Amendment #1: This	Title: ADP Software 3 1 1 5 is a new project in the	- 9 FY18-21 TIP. 6			FTA 5339 State Local - Total Funds:	1 1 5
FTA 5339 State Local Year Total: Description: STIP ID: FTA 5339	GRT0008 - Amendment #1: This	Title: ADP Software 3 1 1 5 is a new project in the	- 9 FY18-21 TIP. e 20			FTA 5339 State Local Total Funds: Transit Company FTA 5339	1 1 5 20
FTA 5339 State Local Year Total: Description: STIP ID: FTA 5339 State	GRT0008 - Amendment #1: This	Title: ADP Software 3 1 1 5 is a new project in the	- e FY18-21 TIP. e 20 3		Greater Roanok	FTA 5339 State Local Total Funds: Transit Company FTA 5339 State	1 1 5 20 3
FTA 5339 State Local Year Total: Description: STIP ID: FTA 5339 State Local	GRT0008 - Amendment #1: This GRT0009 -	Title: ADP Software 3 1 1 5 is a new project in the	- e FY18-21 TIP. e 20 3 2 2 25		Greater Roanok	FTA 5339 State Local Total Funds: Transit Company FTA 5339 State Local	1 1 5 20 3 2
FTA 5339 State Local Year Total: Description: STIP ID: FTA 5339 State Local Year Total:	GRT0008 - Amendment #1: This GRT0009 -	Title: ADP Software 3 1 1 5 is a new project in the Title: ADP Hardwar -	- e FY18-21 TIP. e 20 3 2 2 25	Recipient:	Greater Roanok	FTA 5339 State Local Total Funds: Transit Company FTA 5339 State Local	1 1 5 20 3 2
FTA 5339 State Local Year Total: Description: STIP ID: FTA 5339 State Local Year Total: Description:	GRT0008 - Amendment #1: This GRT0009 - Amendment #1: This GRT0010	Title: ADP Software 3 1 1 5 is a new project in the Title: ADP Hardwar - is a new project in the	- e FY18-21 TIP. e 20 3 2 2 25	Recipient:	Greater Roanok	FTA 5339 State Local - Total Funds: Transit Company FTA 5339 State Local - Total Funds:	1 1 5 20 3 2
FTA 5339 State Local Year Total: Description: STIP ID: FTA 5339 State Local Year Total: Description: STIP ID:	GRT0008 - Amendment #1: This GRT0009 - Amendment #1: This GRT0010	Title: ADP Software 3 1 1 5 is a new project in the Title: ADP Hardwar - is a new project in the	- = FY18-21 TIP. e 20 3 2 25 = FY18-21 TIP.	Recipient:	Greater Roanok	FTA 5339 State Local - Total Funds: e Transit Company FTA 5339 State Local - Total Funds: e Transit Company	1 1 5 20 3 2 25
FTA 5339 State Local Year Total: Description: STIP ID: FTA 5339 State Local Year Total: Description: STIP ID: FTA 5339	GRT0008 - Amendment #1: This GRT0009 - Amendment #1: This GRT0010	Title: ADP Software 3 1 1 5 is a new project in the Title: ADP Hardwar - is a new project in the	- = FY18-21 TIP. = 20 3 20 3 2 25 = FY18-21 TIP. 43	Recipient:	Greater Roanok	FTA 5339 State Local - Total Funds: • Transit Company FTA 5339 State Local - Total Funds: • Transit Company FTA 5339	1 1 5 20 3 2 25 25 43 7 4
FTA 5339 State Local Year Total: Description: STIP ID: FTA 5339 State Local Year Total: Description: STIP ID: FTA 5339 State	GRT0008 - Amendment #1: This GRT0009 - Amendment #1: This GRT0010	Title: ADP Software 3 1 1 5 is a new project in the Title: ADP Hardwar - is a new project in the	- = FY18-21 TIP. = 20 3 20 3 2 25 = FY18-21 TIP. 43 7	Recipient:	Greater Roanok	FTA 5339 State Local - Total Funds: Transit Company FTA 5339 State Local - Total Funds: E Transit Company FTA 5339 State	1 1 5 20 3 2 25 25 43







313 Luck Avenue, SW Roanoke, Virginia 24016 P: 540.343.4417 / F: 540.343.4416 **rvtpo.org**

The 28th day of June 2018

RESOLUTION

Approval of Amendment #2 to the <u>Transportation Improvement Program</u> for Federal Fiscal Years 2018, 2019, 2020 and 2021 for the Roanoke Urbanized Area

WHEREAS, the Roanoke Valley Transportation Planning Organization approved the FY 2018-2021 Transportation Improvement Program on April 27, 2017; and

WHEREAS, the inclusion of transportation projects in the Transportation Improvement Program is a condition of federal participation in the funding of that project; and

WHEREAS, public input has been sought in amending the *FY 2018-2021 Transportation Improvement Program* in accordance with the Roanoke Valley Transportation Planning Organization's *Public Participation Plan* approved on February 22, 2018; and

WHEREAS, the Amendment of the *FY 2018-2021 Transportation Improvement Program* includes the following new projects and language affecting the TPO Service Area:

- 1. a variety of SMART SCALE, Regional Surface Transportation Program, Transportation Alternatives, and other projects which have been allocated federal funding since its initial adoption;
- 2. the purchase of two minivans with ramps by Lutheran Family Services of Virginia in FY19; and
- 3. language addressing recent federal regulations requiring performance measurement targets and how the program of projects in the TIP contributes to achieving the TPO's performance targets in the Long-Range Transportation Plan, linking investment priorities to those targets.

NOW, THEREFORE, BE IT RESOLVED that the Roanoke Valley Transportation Planning Organization Policy Board does hereby approve Amendment #2 to the *FY 2018-2021 Transportation Improvement Program,* as presented.

Ray Ferris Chairman

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

Roanoke Valley Area Metropolitan Planning Organization



<u>FY18-21 TIP Amendment #2 Language Inserting New Section 5.0</u> <u>to Address MAP-21 Performance Measures Targets</u>

5.0 Performance Management 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, 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).

The table below shows the timeline of target rollout.

Rule and Effective Date(s)	Performance Measure Targets
Highway Safety	1. Number of fatalities
Final Rule published 1/15/16.	2. Fatality rate (per 100 million VMT)
Effective date 1/14/16.	3. Number of serious injuries
RVTPO adopted PM targets 1/25/18.	4. Serious injury rate (per 100 million VMT)
	5. Number of non-motorized fatalities and serious injuries.
Transit Asset Management	1. Percent of revenue vehicles that have met or exceeded
Final Rule published 7/26/16.	their useful life benchmark
Effective date 10/1/16.	2. Percent of non-revenue vehicles that have met or
RVTPO anticipates PM target adoption	exceeded their useful life benchmark
during 2018-19.	3. Percentage of track segments with performance
	restrictions
	4. Percentage of facilities rated in poor condition
Highway Infrastructure Condition	1. Percent of pavements on the Interstate system in good
Final Rule published 1/18/17.	condition
Effective date 5/20/17.	2. Percent of pavements on the Interstate system in poor
RVTPO anticipates PM target adoption	condition
during 2018-19.	3. Percent of pavements on the non-Interstate NHS in good
	condition
	4. Percent of pavements on the non-Interstate NHS in poor
	condition
	5. Percent of NHS bridges classified as in good condition
	6. Percent of NHS bridges classified as in poor condition
Highway System Performance	1. Percent of person miles traveled on the Interstate system
Final Rule published 1/18/17.	that are reliable
Effective date 5/20/17.	2. Percent of person miles traveled on the non-Interstate
RVTPO anticipates PM target adoption	NHS that are reliable
during 2018-19.	3. Percent of Interstate system mileage providing for reliable truck
	travel times (Truck Travel Time Reliability)







Roanoke Valley Transportation PLANNING ORGANIZATION Workshow REGIONAL commission

Regarding the new 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.

The Highway Safety Performance Measures and Targets were adopted on June 28, 2018 in Amendment #2 to the FY18-21 TIP. Future amendments to the TIP will be made according to the established federal timelines. Concurrent amendments to the 2040 Constrained Long-Range Multimodal Transportation Plan (CLRMTP) have and will be made to describe, in detail, performance measures and targets and to provide a system performance report current to the time of most recent CLRMTP adoption.

5.1 Highway Safety

The Virginia 2017-2021 Strategic Highway Safety Plan (SHSP) provides a comprehensive framework for Virginia stakeholders to address transportation-related crashes. The vision for the plan is for every road user, whether driving, walking, bicycling, or taking transit, to "Arrive Alive" at their destination. The Virginia Department of Transportation and other state safety stakeholders will accomplish this by addressing the most pressing safety issues, through a combination of safety programs and projects. Within the CLRMTP and other short- and long-range transportation planning and programming activities, the RVTPO can apply information from the SHSP and the results of regional crash analysis to support investments that render regional and local travel safer and ultimately contribute to the "Arrive Alive" vision.

The Virginia SHSP is a data-driven plan which establishes a framework of emphasis areas, strategies, and actions to guide stakeholders toward the implementation of effective programs and projects. Key factors contributing to crashes are impaired driving, speed, occupant protection, roadway departures, intersections, young drivers, bicycles, and pedestrians. Each of these emphasis areas is supported by a range of multi-disciplinary (engineering, enforcement, education, and emergency response) strategies and actions to characterize effective solutions.

Federal legislation in 23 CFR §450.306(d)(2) requires the RVTPO to adopt or define five evidence-based safety performance measures and accompanying targets. The purpose of the targets is to help VDOT, and regional planning agencies, including the RVTPO, prioritize programs and projects that will reduce transportation-related fatalities and serious injuries. In January 2018, the RVTPO adopted VDOT's five-year performance targets for the following five performance measures:

Performance Measure	2011-2015 Performance	Target Reduction	2013-2017 Target
Number of fatalities, 5-year rolling average	16	2% reduction	15
Rate of fatalities, 5-year rolling average	0.84	1.25% reduction	0.79
Number of serious injuries, 5-year rolling average	215	5% reduction	144
Rate of serious injuries, 5-year rolling average	11.17	11.5% reduction	7.47
Number of non-motorized fatalities and non-motorized	18	4% reduction	16
serious injuries, 5-year rolling average			







Roanoke Valley Transportation PLANNING ORGANIZATION Working With All Commission

Strategies to meet safety performance measure targets are built into funding programs that utilize federal funds. Such programs include the Highway Safety Improvement Program (HSIP), System Management and Allocation of Resources for Transportation Safety Congestion Accessibility Land Use Economic Development Environment (SMART SCALE), and the Regional Surface Transportation Program (RSTP). The RVTPO and its member localities coordinate with the VDOT Salem District to identify improvements eligible for funding through HSIP. This includes corridor-specific and district-wide investments to deploy roadway departure countermeasures (signs, flashers, lighting, rumble strips) and traffic signal upgrades. Virginia's SMART SCALE prioritization program awards points to projects for estimated reductions in fatality and serious injury crashes. When allocating RSTP funds, the RVTPO awards points to projects that increase safety and security of the transportation system. In addition, the VDOT Construction Districts also have the flexibility to address safety considerations, such as rumble strips or striping in coordination with resurfacing projects.







The tables below list the TIP projects by locality. Note the following explanations for the project groupings:

Grouped (BR/R/R) = (Bridge Rehabilitation/Replacement/Reconstruction) Grouped (S/ITS/OI) = (Safety/Intelligent Transportation Systems/Operational Improvements) Grouped (TE/B/Non-T) = (Transportation Enhancement/Byway/Non-Traditional) Grouped (Maint. & Syst. Pres.) = (Preventive Maintenance and System Preservation) Grouped (Maint. Bridges) = (Preventive Maintenance for Bridges) Grouped (Maint. Traf. & Safety Op) = (Maintenance of Traffic and Safety Operations)

6.1 Bedford County

Construction: BR/R/R

System	UPC	Project Name	Description	Street/Route	Estimate
Secondary	62650	Rte. 634 over Roanoke River Bridge Replacement	From 0.19 mi. West of Franklin Co. line to 0.12 mi. East of Bedford Co. line (0.300 mi.)	Route 634	\$11,970,041

Construction: SITS/OI

System	UPC	Project Name	Description	Street/Route	Estimate
Primary	107053	Rte. 24 – Bedford Co. Safety Improvements	From Rte. 886 to 0.26 mi. east of Rte. 635 (1.50 mi.)	VA Route 24	\$1,600,000
Primary	107063	Rt. 221 Bedford Co. - Bike & Ped Safety Improvements	FROM: 0.09 miles North of Route 1049 TO: 0.06 miles South of Route 621	U.S. 221	\$2,550,000
Primary	109582	Route 460 Safety Improvements	FROM: 0.49 miles East of Route 741 TO: 0.64 miles East of Route 689	U.S. 460	\$4,510,000







6.2 Botetourt County

System	UPC	Project Name	Description	Street/Route	Estimate
Interstate	75910	U.S. 11, 220, 220A Access Management Project at I-81 Exit 150	From 0.30 mi. south of U.S. 220 to 0.74 mi. north of U.S. 220 (1.0410 mi.)	I-81	\$50,185,950

Construction: BR/R/R

System	UPC	Project Name	Description	Street/Route	Estimate
Primary	77300	Rte. 11 over Tinker Creek Bridge Replacement (Str. 03166)	From 0.04 mi. north of Rte. 1039 to 0.13 mi. north of Rte. 1039 (0.09 mi.)	U.S. 11	\$5,120,000
Primary	77302	Rte. 11 over Tinker Creek Bridge Replacement (Str. 3167)	From Rte. 838 to 0.09 mi. north of Rte. 838 (0.09 mi.)	U.S. 11	\$3,992,000
Secondary	52803	Rte. 779 Intersection Improvements & Bridge over Amsterdam Creek	From 0.169 mi. east Rte. 672 east to 0.236 mi. west Rte. 672 east (0.4213 mi.)	Rte. 779	\$7,857,623
Primary	82226	Rte. 11 over Beckner Branch (STR. 03160) – Bridge Replacement	From: 0.076 mi. north of I-81 To: 0.300 mi. south of Rte. 641	U.S. 11	\$5,629,000
Secondary	90086	Rte. 738 over Glade Creek (Str. 03516 and 03517) – Bridge Replacement	From Int. of U.S. 460 to 0.339 mi. east of Int. 460 (0.1600 mi.)	Rte. 738	\$4,949,536







Roanoke Valley Transportation PLANNING ORGANIZATION REGIONAL commission

Construction: SITS/OI

System	UPC	Project Name	Description	Street/Route	Estimate
Interstate	104048	FY13-14 VMS Installation: I-81	From NB to MM 147.5 to SB at MM 172.0	I-81	\$608,647
Interstate	106737	#SGR FY17 SGR I-81 NB Botetourt Co. Concrete Undersealing	From MM 149.5 S. End RR Overpass to S. End of Rte. 779 Overpass (2.1 mi.)	I-81	\$4,600,000
Primary	103210	U.S. 220 Corridor – Replace 2 Narrow Structures	From 0.239 mi. N. of Rte. 43 to 0.63 mi. S. of Rte. 694 (0.931 mi.)	U.S. 220	\$8,581,000

Construction: TE/B/Non-T

System	UPC	Project Name	Description	Street/Route	Estimate
Enhancement	107521	Daleville Greenway - TAP			\$595,438
Enhancement	T21491	U.S. 220 / International Parkway Intersection Study and Design		U.S. 220 and International Parkway	\$300,000







6.3 Montgomery County

Construction: SITS/OI

System	UPC	Project Name	Description	Street/Route	Estimate
Interstate	92558	Rte. 603 – Ironto/Elliston Connector	From I-81 Exit 128 to Int. of U.S.11/460 (2.011 mi.)	Route 603	\$17,770,264
Primary	110624	#SGR - Route 11 over NSRR (STR. 12118) - Deck Replace	From: 1.5 mi. W. Roanoke Co. line To: 1.7 mi. W. Roanoke Co. line	U.S. 11	\$2,625,000







6.4 Roanoke County

System	UPC	Project Name	Description	Street/Route	Estimate
Interstate	110395	#HB2.FY17 I-81 Aux Ln Fr Exit 141 -143 Garvee Debt Service	I-81 NB from Exit 141 to 143	I-81	\$38,409,000
Interstate	111983	#Smart18 - 81 Sb Aux Ln Frm Exit 143-141 Garvee Debt Service	I-81 SB from Exit 143 to 141	I-81	\$39,444,000
Interstate	111373	#SMART18 – I-81 SB Auxiliary Lane from Exit 143 to 141	From: Exit 143 SB To: Exit 141 SB	I-81	\$32,168,000
Interstate	T21502	I-581 Exit 2 Interchange Study	Preliminary Engineering	I-581	\$150,000
Primary	17698	Rte. 11/460 – Widen to 4-lane w/ curb, gutter and raised median	From 0.055 mi. east of WCL Salem to 0.10 mi. west Rte. 830 (2.1880 mi.)	West Main St./U.S. 11	\$47,139,261
Primary	98220	Rte. 115, Plantation Road Corridor Improvements	From Williamson Rd (Rte. 11) to Gander Way/Friendship Ln (0.720 mi.)	Plantation Road/115	\$1,566,835
Primary	108905	#HB2.FY17 Lila Dr / Rte 115 Intersection Safety Improvements	FROM: Lila Drive TO: Route 115 (Plantation Road) (0.1000 MI)	Plantation Road/115	\$1,269,396
Primary	95812	ARRA - Roanoke 221 Reconstruct to 4 Lanes (CN Phase only)	FROM: 0.035 Km. S. Rte. 688 TO: 1.478 Km. N. Rte. 688 (1.5120 KM)	U.S. 221	\$25,332,937







Primary	96139	ARRA-C Roanoke 221 Reconstruct to 4 Lanes (CN Phase Only)	FROM: 0.035 km. S. Rte. 688 TO: 1.478 km N. Rte. 688 (1.5120 KM)	U.S. 221	\$105,024
Primary	108904	#HB2.FY17 Route 311 / Route 419 Int. Safety & Congestion Imp	FROM: Intersection of Rte 311 & Rte 419 TO: Intersection of Rte 311 & Rte 419 (0.1000 MI)	Catawba Valley Dr./Rte. 311	\$1,957,006

Construction: BR/R/R

System	UPC	Project Name	Description	Street/Route	Estimate
Primary	77305	Rte. 116 over Back Creek (Str. 14928) – Bridge Replacement	From 0.285 mi. S. Rte. 945 to 0.584 mi. S. Rte. 945	Rte. 116	\$7,213,000
Primary	82193	U.S. 220 over Back Creek (Str. 14935) – Bridge Replacement	From 0.199 mi. S. of Rte. 657 to 0.33 mi. N. of Rte. 657 (0.531 mi.)	U.S. 220	\$18,885,000
Primary	94726	U.S. 221 over Martins Creek (Str. 14945) – Bridge Replacement	From 0.01 mi. S. of Int. of Rte. 696 to 0.01 mi. N. Int. Rte. 696	U.S. 221	\$3,648,210
Secondary	110620	Rte. 760 over Roanoke River (STR. 15105) – Super Replacement	Rehab w/o added capacity. From: 0.15 mi. S. Salem City Line To: 0.00 mi. Int. Rte. 639	Route 760	\$2,281,000







Construction: SITS/OI

System	UPC	Project Name	Description	Street/Route	Estimate
Interstate	99542	I-81 Exit 140 Park and Ride Facility Expansion	From Int. Rte. 1128 and Rte. 1150 to 0.17 mi. W. of Int. Rte. 1128 and 1150 (0.17 mi.)	I-81	\$3,353,000
Interstate	108418	I-81 Install Signs with Flashers	From MM 137.72 to MM 138.18 (0.46 mi.)	I-81	\$28,280
Interstate	108906	#HB2.FY17 I-81 NB Auxiliary Lane from Exit 141 to 143	From Exit 141 NB to MM 143 NB (2.0 mi.)	I-81	\$29,830,716
Interstate	T21583	I-81 Exit 137 SB Safety Improvements	From: Beginning of I-81 Exit 137 SB Off-Ramp To: End of I-81 Exit 137 SB Off-Ramp	I-81	\$1,500,000
Primary	107054	Rte. 311 -Roanoke County Pedestrian Safety Improvements	From NCL Salem to 0.02 mi. N. of I- 81 SB ramp (0.09 mi.)	Rte. 311	\$615,000
Primary	107061	#HB2 FY17 Rte. 419 Safety Improvements at Tanglewood	From Rte. 419 to Rte. 867 (0.60 mi.)	Rte. 419	\$5,853,432
Primary	107055	U.S. 11 and Rte. 117 – Roanoke County Bike & Ped Safety Improvements	From Rte. 117 to U.S. 11	Rte. 117 and U.S. 11	\$1,000,000







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Primary	108882	#SMART18 – West Main Street	From: West Salem City Limit To:	U.S. 11	\$1,037,000
		Sidewalk Installation	0.018 Mi. W. Int. Rte 830 (Technology Drive)		
Primary	111066	Pedestrian Bridge over Rte. 311	From: Route 864 To: 0.2 miles North of Route 864	Route 311	\$2,880,000
Secondary	113144	Starkey Road/Buck Mountain Road Intersection Improvements	Reconstruction w/added capacity, FROM: Starkey Road TO: Buck Mountain Road	Starkey Rd. & Buck Mountain Rd.	\$2,098,000
Interstate	113173	I-81 Exit 137 SB Safety Improvements	FROM: Beginning of I-81 Exit 137 SB Off-Ramp TO: End of I-81 Exit 137 SB Off-Ramp	I-81	\$1,500,000
Primary	111407	#SMART18 – Rte. 419 & Rte. 221 Adaptive Traffic Control	Installation of adaptive traffic control devices from U.S. 221 (Brambleton Ave.) to Rte. 419 (Electric Rd.)	Route 419	\$663,000
Primary	T21464	Pedestrian Improvements on Route 11	From: Clubhouse Drive To: 0.2 mi. South of Greenway Drive	U.S. 11	\$750,000
Primary	T21497	Route 419/U.S. 220 Diverging Diamond Interchange Study/PE	Preliminary Engineering	VA 419/U.S. 220	\$750,000







Secondary	15190	Rte. 688 - Reconstruction	From 0.056 mi. S. U.S. 221 to 0.105 mi. S. Rte. 934 (0.6566 mi.)	Rte. 688 / Cotton Hill Road	\$6,532,659
Secondary	15187	Rte. 1662 – Reconstruction and Replace Bridge over Mud Lick Creek	From Int. of Rte. 1663 to Int. of Rte. 419 (0.468 mi)	Rte. 1662 / McVitty Rd.	\$14,590,943
Secondary	15188	Rte. 1663 – Reconstruct Drainage Structure Mud Lick Creek	From S. Int. U.S. 221 to Int. of Rte. 1662 (0.283 mi.)	Rte. 1663 / Old Cave Spring Lane	\$4,714,799
Secondary	T21499	Starkey Rd./Buck Mountain Rd. Intersection Improvements	Reconstruction w/o added capacity. From: Starkey Rd. To: Buck Mountain Road	Intersection of Routes 604 & 679	\$2,098,000

Construction: TE/B/Non-T

System	UPC	Project Name	Description	Street/Route	Estimate
Enhancement	91191	Roanoke River Greenway – City of Roanoke to Blue Ridge Parkway			\$6,857,566
Enhancement	97171	#HB2.FY17 Roanoke County, RRG, Green Hill Park to Riverside Park	From Green Hill Park to Riverside Park (1.7330 mi.)		\$8,931,000
Enhancement	103607	Roanoke County – Plantation Road Streetscape Improvements	From Williamson Rd. (U.S. 11) to Gander Way/Friendship Lane (0.72 mi.)	Rte. 115 / Plantation Road	\$5,297,128







Enhancement	103495	Low Water Bridge for HRB Trail near Int. of Routes 419 & 311			\$368,630
Urban	111366	#SMART18 – Plantation Rd. Bike/Ped/Streets cape Phase II	From: Walrond Drive To: Gander Way	Route 115	\$1,752,000
Enhancement	T21498	Roanoke River Greenway through Explore Park	Construction of greenway through Explore Park	Explore Park	\$3,020,000







Roanoke Valley Transportation PLANNING ORGANIZATION REGIONAL commission

6.5 City of Roanoke

System	UPC	Project Name	Description	Street/Route	Estimate
Urban	688	13th Street and Hollins Road	Reconstruction w/added capacity, FROM: Jamison Ave TO: .08 Mi. N. INT. Orange Ave.	Intersection of 13th St. & Hollins Rd.	\$23,961,000
Interstate	16595	Rte. 581 – Valley View Interchange Phase II	From 0.30 mi. south Rte. 101 (Hershberger Rd.) to 1.560 mi. south Rte 101	I-581	\$60,409,490

Construction: SITS/OI

System	UPC	Project Name	Description	Street/Route	Estimate
Interstate	94089	ARRA I-581 at Elm Ave. (Design- Build)	From exit ramps accessing Elm Avenue to 0.016 mi. W. Williamson Rd 0.045 mi E. 4 th Street SE on Elm Avenue (0.224 mi.)	I-581	\$22,907,827
Interstate	97231	ARRA-C I-581 at Elm Avenue (Design-Build)	From exit ramps accessing Elm Avenue to 0.016 mi. W. Williamson Rd 0.045 mi. E. 4 th Street SE on Elm Avenue (0.224 mi.)	I-581	\$911,783
Primary	109558	Flashing Yellow Arrow Upgrade – Williamson Rd. & Airport Rd.	From Williamson Rd. to Airport Rd.	U.S. 11 / Williamson Rd.	\$16,000
Primary	109562	Flashing Yellow Arrow Upgrade – Valley View	From Valley View Blvd. NW to Valley View Ave. NW	Valley View Blvd. NW	\$23,000







Primary	109567	Flashing Yellow Arrow Upgrade – Jefferson St. & Elm Ave.	From Elm Ave. to Jefferson St.	Elm Avenue	\$24,000
Primary	109570	Orange Ave./Hollins Rd. Signal Upgrade	Int. of U.S. 460 and Route 115	U.S. 460 & Rte. 115	\$545,000
Primary	108908	#HB2.FY17 – U.S. 220 Adaptive Communications and System Project	From Valley Avenue/Southern Hills Dr. SW to Clearbrook Village Ln. (2.0 mi.)	U.S. 220 / Franklin Rd.	\$422,500
Primary	109566	Orange Ave./Blue Hills Signal Upgrade – City of Roanoke	From Orange Ave. to Blue Hills	U.S. 460 / Orange Ave.	\$16,000
Primary	109570	Orange Ave./Hollins Rd. Signal Upgrade – City of Roanoke	From U.S. 460 to Rte. 115	Orange Ave. NE	\$265,000
Secondary	109569	Flashing Yellow Arrow Upgrade – Brandon Ave. & Colonial Ave.	From Brandon Ave. to Colonial Ave.	Brandon Ave. (8029)	\$16,000
Urban	111135	Flashing Yellow Arrow - Various Locations - Roanoke City	Various	N/A	\$277,000
Urban	111137	Rectangular Rapid Flashing Beacons - Roanoke City	Various	N/A	\$108,000
Urban	111360	Franklin Road Sidewalk Improvements- Rt. 220 B- Roanoke City	bike/ped improvements, FROM: 3100 Block TO: 3700 Block	U.S. 220 Bus./Franklin Rd.	\$1,495,000







Urban	111370	#Smart18 - Hollins Rd. & Orange Ave. Intersection Improvements	Reconstruction w/added capacity FROM: Orange Ave TO: Hollins Rd	Intersection of Hollins Rd. & Orange Ave.	\$3,552,000
Urban	113324	Installation of Pedestrian Countdown Signal - Roanoke	FROM: Gainsboro Road TO: Burrell Street	From Gainsboro Rd. to Burrell St.	\$102,000

Construction: TE/B/Non-T

System	UPC	Project Name	Description	Street/Route	Estimate
Enhancement	105439	Roanoke River Greenway (Bridge St. to Aerial Way Dr.) - RSTP	From Bridge St. to Aerial Way Dr. (1.8 mi.)	Roanoke River Greenway	\$7,605,000
Enhancement	103345	RR Greenway – Bike/Ped between Vic Thomas & Ghent Hill Parks	From Vic Thomas Park to Ghent Hill Park (0.25 mi.)	Memorial Ave.	\$248,316
Enhancement	103592	Virginia Railway Station Restoration Phase 2	Virginia Railway Station		\$1,014,930
Enhancement	106265	Garden City Blvd. Bike/Ped - TAP	From Davenport Ave./Ivywood St. to Riverland Rd.	Garden City Blvd.	\$1,000,000
Enhancement	106266	ADA Bus Facilities - TAP	From Barnett Rd. (WCL) to Salem Turnpike (2.80 mi.)	Melrose Ave.	\$205,980
Miscellaneous	102856	City of Roanoke – SRTS Garden City ES- Sidewalks, etc.	From Yellow Mtn. Rd. to Ivywood St. (0.74 mi.)	Garden City Blvd.	\$507,793







Miscellaneous	105015	Downtown Roanoke Multimodal Transportation Study		Roanoke City	\$300,000
Miscellaneous	110101	Tinker Creek Trail Extension	FROM: Wise Avenue TO: Masons Mill Park	N/A	\$7,251,000
Miscellaneous	T20130	Tinker Creek Greenway Connectivity Study	Preliminary Engineering, from Roanoke City to Botetourt Co.		\$100,000
Urban	108896	#HB2.FY17 Colonial Avenue Improvements	Bike/ped facilities. From: 300 ft. beyond Winding Way Rd. SW To: Clearfield Rd. SW	Colonial Avenue	\$7,000,000
Urban	T21494	Roanoke River Greenway Bridge Across Barnhardt Creek	Bike/ped facilities, FROM: City of Roanoke TO: City of Salem	Roanoke River Greenway	\$978,000
Urban	T21496	Tinker Creek Greenway Trail Bridges	Bike/ped facilities, FROM: 13th St & Mason Mill Rd TO: 20th St & Mason Mill Rd	Tinker Creek Greenway	\$484,000
Primary	78217	Rehabilitation of Virginia Railway Station		Williamson Rd.	\$489,999
Public Transportation	T14242	Bus Replacement for SmartWay Commuter Service	From Roanoke to Blacksburg	Roanoke City	\$560,000







Roanoke Valley Transportation PLANNING ORGANIZATION REGROMAL commission

Urban	109288	#HB2.FY17 Transit Accessibility Improvements on Edgewood St.	From Windsor Ave. to Memorial Ave.	Edgewood St.	\$350,811
Urban	72180	City of Roanoke RR Greenway within the City of Roanoke Limits			\$2,550,285







6.6 City of Salem

Construction: SITS/OI

System	UPC	Project Name	Description	Street/Rout e	Estimate
Urban	8753	#HB2.FY17 U.S. 460-Widen to 3 Lanes with Bike Lane, Curb, Sidewalk	From 0.028 mi. W. of Rte. 311 (Thompson Memorial Blvd.) to 0.006 mi. W. of Brand Ave. (0.5473 mi.)	East Main Street / U.S. 460	\$15,223,263
Urban	100656	Construct Sidewalk on West Side of 419 and Connect to RRG	From existing RRG in Rotary Park to city limits (0.67 mi.)	Route 419	\$594,720

Construction: TE/B/Non-T

System	UPC	Project Name	Description	Street/Route	Estimate
Enhancement	105206	Apperson Dr./Route 11 Bridge – Sidewalk Expansion (PH4 RRG)	From E. Riverside Dr. to Electric Rd./Rte. 419 (0.06 mi.)	Apperson Dr.	\$1,230,845
Enhancement	101838	Bridge on Phase 3A- City of Salem RR Greenway	From approx. 1200 feet E. Mill Ln. to Eddy St.	Roanoke River Greenway	\$744,028
Enhancement	106268	Hanging Rock Battlefield Trail - TAP	From existing Hanging Rock Battlefield Trail to E. Main St.	Hanging Rock Battlefield Trail	\$1,333,117
Enhancement	109612	Downtown Streetscape and Intersection Improvements			\$613,000







Primary	111367	#Smart18 - Mason Creek Greenway Ph3 - 419 Multimodal Impr.	Bike/Ped facilities, FROM: Mason Creek Greenway TO: Hanging Rock Battlefield Trail	Mason Creek Greenway	\$2,610,000
Urban	111371	#Smart18 - Downtown Salem Int. & Streetscape Improvements	FROM: West Main St TO: East Main St	East and West Main Street	\$3,630,000
Urban	108899	#HB2.FY17 Multimodal Improvements Along Boulevard	From McDivitt Rd. to Salem city limit (0.75 mi.)	Boulevard	\$884,880
Urban	56409	City of Salem – Construction of 7- Mile Bicycle/Pedestrian	From western limits of Green Hill Park, Roanoke County to ECL City of Salem (7.0 mi.)		\$2,004,098
Urban	T21500	Elizabeth Greenway	Bike/ped facilities		\$1,012,000







6.7 Town of Vinton

Construction: BR/R/R

System	UPC	Project Name	Description	Street/Route	Estimate
Urban	76677	Replace Bridge and Approaches over Glade Creek	From 0.098 west of 5 th St. to 0.052 mi. east of 5 th St. (0.15 mi.)	Walnut Ave.	\$3,309,865

Construction: SITS/OI

System	UPC	Project Name	Description	Street/Route	Estimate
Urban	105213	Rte. U000-Walnut Ave. Phase I- Southwest Stripe, Crosswalks and Landscape	From 5 th St. to W. Lee Ave.	Walnut Ave.	\$88,000
Miscellaneous	111649	Walnut Ave Bike/Ped Accommodations (5th St to town Limit)	Bike/Ped facilities, FROM: 5th Street TO: Town Limits	Walnut Avenue	\$1,446,000
Urban	113322	Hardy Road/Dillon Woods Crosswalk	Bike/Ped facilities, FROM: Bypass Road TO: McDonald Street	Hardy Road	\$183,000
Urban	T21501	Walnut Avenue Bicycle and Pedestrian Accommodations	Bike/Ped facilities, FROM: W. Lee Avenue TO: 1st Street	Walnut Avenue	\$545,000

Construction: TE/B/Non-T

System	UPC	Project Name	Description	Street/Route	Estimate
Enhancement	109611	Glade Creek Greenway Phase 2			\$531,210







6.8 Salem District-wide

Construction: SITS/OI

System	UPC	Project Name	Description	Street/Route	Estimate
Interstate	103828	I-81 Pavement Rehabilitation	Various		\$9,322,269
Interstate	104046	I-77 & I-81 FY14-15 Replace Signs	From I-77 to I-81		\$873,291
Interstate	106428	I-81 and I-77 Marking Retrace Phase 1-Salem District	Various		\$121,647
Interstate	T21476	Interstate & Primary Cable Guardrail Install- Districtwide	Various locations district-wide	Various	\$500,000
Interstate	107099	District-Wide Buckle Up Signing Safety Improvement-Salem	Various		\$292,727
Interstate	108991	Systematic Roadway Departure Treatments	Various		\$2,810,000
Primary	106485	Various Routes - Install Reflective Back Plates	Various locations district-wide	Various	\$845,000
Primary	T21463	Districtwide Systemic Roadway Departure Countermeasures	Various locations district-wide	Various	\$3,028,000
Primary	T21479	Districtwide Rumble Strip Installation-Primary Routes	Various locations district-wide	Various	\$500,000
Miscellaneous	106552	Committed Safety Projects - Salem	Various		\$745,961
Miscellaneous	108517	ADA Compliance in Salem District	Various		\$100,000







Primary	108069	Safety Improvements – Yearly HSIP Open Container Funds	Various	\$2,000,000
Primary	108538	Adaptive Capable Signal Controllers - SWRO	Various	\$1,316,000
Secondary	105736	Roadway Departure Safety Countermeasures	Various	\$166,101

6.9 Statewide

Construction: SITS/OI

System	UPC	Project Name	Description	Street/Route	Estimate
Interstate	107802	Incident Management Emergency Evacuation & Detour Plans	Various		\$500,000
Miscellaneous	93174	Safety Analyst Project	Various		\$1,104,740
Miscellaneous	105481	Improvement iPEMS (Iteris Performance Measurement System)	Various		\$1,400,000



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Unified Human Services Transportation Systems, Inc. (RADAR) Project Details 7.2

	Previous Funding	FY 2018	FY 2019	FY 2020	FY 2021	Total FY 2	018-2021
ROANOKE VALL	EY AREA METRO	DPOLITAN PLAN	NING ORGANIZA	TION			
STIP ID:	LFS0001	Title: Paratransit	Vehicles	Recipient:	Lutheran Family	y Services of Virg	jinia
FTA 5310		-	64			FTA 5310	64
State						State	-
Local		-	16			Local	16
Year Total:	-	-	80	-	-	Total Funds:	80
Description:	Amendment: Add	new project and fu	nding for FY19 \$80	<: (Add FTA 5310 \$	64K, local \$16K) ir	accordance with F	Y19 Draft SYIP.
STIP ID:	RAD0001	Title: New Freedo	m Operating	Recipient:	RADAR - UHSTS	, Inc. Roanoke C	ounty
FTA 5310		108	62	89	93	FTA 5310	352
State		86	49	71	74	State	280
Local		22	12	18	19	Local	71
Revenues		10	12	12	14	Revenues	48
Year Total:	-	226	135	190	200	Total Funds:	751
Description:		ease FY19 total fun accordance with FY		se FTA 5310 \$25K	, decrease State \$2	21K, decrease local	\$5K, increase
STIP ID:	RAD0002	Title: Paratransit	Vehicles	Recipient:	RADAR - UHSTS	i, Inc. Roanoke C	ounty
FTA 5310		152	136	120	128	FTA 5310	536
State						State	-
Local		38	34	30	32	Local	134
Year Total:	-	190	170	150	160	Total Funds:	670
Description:	Adjustment: Incre	ase FY19 total fund	ling \$40K (increase	FTA 5310 \$32K, ii	ncrease local \$8K)	in accordance with	FY19 Draft SYIP.



25



The 22nd day of August 2019

RESOLUTION

Approving Amendment #3 to the <u>Transportation Improvement Program</u> for Federal Fiscal Years 2018, 2019, 2020 and 2021 for the Roanoke Urbanized Area

WHEREAS, the Roanoke Valley Transportation Planning Organization approved the FY 2018-2021 Transportation Improvement Program on April 28, 2017; and

WHEREAS, the inclusion of transportation projects in the Transportation Improvement Program is a condition of federal participation in the funding of that project; and

WHEREAS, public input has been sought in amending the FY 2018-2021 Transportation Improvement Program in accordance with the Roanoke Valley Transportation Planning Organization's Public Participation Plan approved on February 22, 2018; and

WHEREAS, the Amendment of the FY 2018-2021 Transportation Improvement Program includes the following new projects and language affecting the TPO Service Area:

- 1. a variety of SMART SCALE, Surface Transportation Block Grant, Transportation Alternatives, and other projects which have been allocated federal funding since adoption of the FY20-25 VDOT Six-year Improvement Program;
- 2. the purchase of support vehicles by Valley Metro; and
- 3. engineering and design of a multimodal facility by Valley Metro.

WHEREAS, the TPO Policy Board held a duly advertised Public Hearing, which concluded a 15-day public comment period and TPO staff recommended approval,

NOW, THEREFORE, BE IT RESOLVED that the Roanoke Valley Transportation Planning Organization Policy Board does hereby approve the Amendment #3 to the *FY 2018-2021 Transportation Improvement Program*, as presented.

Billy admartin Sa

Billy W. Martin, Sr. Vice Chairman

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

Roanoke Valley Area Metropolitan Planning Organization



July 6, 2018

Mr. David Nigrelli Financial Compliance Analyst Department of Rail and Public Transportation 600 E. Main St., Ste. 2102 Richmond, VA 23219

RE: FY 2018-2021 TIP Adjustment Request

Dear Mr. Nigrelli:

Per your request, the Roanoke Valley Transportation Planning Organization's (RVTPO) FY2018-2021 Transportation Improvement Program (TIP) has been administratively modified to reflect changes in RADAR New Freedom Operating Assistance and Paratransit Vehicles (RAD0001 and RAD0002) per the FY19 SYIP.

The adjusted FY2018-2021 TIP can be found on our website at www.rvtpo.org.

Sincerely,

Cuitma Q- Finel

Cristina D. Finch, AICP, LEED AP Director of Transportation



July 6, 2018

Mr. David Nigrelli Financial Compliance Analyst Department of Rail and Public Transportation 600 E. Main St., Ste. 2102 Richmond, VA 23219

RE: FY 2018-2021 TIP Adjustment Request

Dear Mr. Nigrelli:

Per your request, the Roanoke Valley Transportation Planning Organization's (RVTPO) FY2018-2021 Transportation Improvement Program (TIP) has been administratively modified to reflect changes in the Valley Metro Operating Assistance (GRT0001) per the FY19 SYIP.

The adjusted FY2018-2021 TIP can be found on our website at www.rvtpo.org.

Sincerely,

Justina (D. Finch

Cristina D. Finch, AICP, LEED AP Director of Transportation



April 25, 2019

Mr. David Nigrelli Financial Compliance Analyst Department of Rail and Public Transportation 600 E. Main St., Ste. 2102 Richmond, VA 23219

RE: FY 2018-2021 TIP Adjustment Request

Dear Mr. Nigrelli:

Per your request, the Roanoke Valley Transportation Planning Organization's (RVTPO) FY2018-2021 Transportation Improvement Program (TIP) has been administratively modified to reflect changes in Lutheran Family Services Paratransit Vehicles (LFS0001), New Freedom Operating Assistance (RAD0001), and RADAR Paratransit Vehicles (RAD0002) per the FY20 SYIP.

The adjusted FY2018-2021 TIP can be found on our website at www.rvtpo.org.

Sincerely,

Custina D-Finch

Cristina D. Finch, AICP, LEED AP Director of Transportation



6.0 Transit Projects

Funding for the Greater Roanoke Transit Company (GRTC/Valley Metro), RADAR (Unified Human Services Transportation Systems, Inc.), and the Southern Area Agency on Aging from federal and other sources for FY 2018-2021 is presented in the program of projects below.

6.1 Greater Roanoke Transit Company (Valley Metro) Project Details

	Previous Funding	FY 2018	FY 2019	FY 2020	FY 2021	Total FY 2018	2021
ROANOKE VALLE	Y AREA METROP	OLITAN PLANNING					
STIP ID:	GRT0001	Title: Operating Ass	istance	Recipient	Greater Roanoke	Transit Company	a literation
FTA 5307	2,422	2.015	2,015	2,094	2,094	FTA 5307	8,21
FTA 5311	354	354	513	605	605	FTA 5311	2.07
State	2,169	2,169	2,169	2,408	2,408	State	9,15
Local	1,566	1,566	1,566	2,733	2,733	Local	8,59
Revenues	2,314	2.314	2,314	2,245	2,245	Revenues	9,11
Year Total:		8,418	8,577	10,085	10.085	Total Funds:	37.16
Description:	funding by \$7,840K (i in FY20, Increase FY show \$2,245K in Rev	increase FTA funding t 21 funding by \$7,840K renues in FY21	by \$2,699K, increase St (increase FTA funding	ate by \$2,408K, inc by \$2,699K, increa	rease Local by \$2,73 se State by \$2,408K,	nding by \$10,170K. Incre 3K) and show \$2,245K is increase Local by \$2,73	n Revenue
STIP ID:	GRT0002	Title: Preventative M	laintenance	Recipient:	Greater Roanoke	Transit Company	Sar 3
FTA 5307	a total and the second s	672	672	698	698	FTA 5307	2,74
State						State	
Local	and the second second	167	167	174	174	Local	68
Year Total:		839	839	872		Total Funds:	3.42
Description:	Adjustment #6: In tota \$174K). Increase FY2	I, increase funding by 21 funding by \$872K (in	\$1,744K. Increase FY20 Increase FTA by 698K, In	funding by \$872K	(Increase FTA fundin 174K)	g by \$698K, increase Lo	cal by
STIP ID:	GRT0003	Title: Replace/Reha			Greater Roanoke	Transit Company	- A TANK
FTA 5307						FTA 5307	
FTA 5339		277		288		FTA 5339	56
RSTP		2,949	1,579	1.602	1.564	RSTP	7.69
State		4,381	395	459	391	State	5,62
Local		225		14		Local	23
Year Total:		7.832	1,974	2.363	1 955	Total Funds:	14.124
	3,947K, increase loca (decrease RSTP by 6 \$48K (increase RSTP T18675 and approved	I by \$211K) and move 7K, decrease state by by 38K, increase state J SYIP; also, to include	previous funding of \$14 \$17K), increase FY19 b	52K RSTP, \$3,947 y 19K (increase R needed to align ac ted in previous yea	K state, and \$211K lo STP by 15K, increase tual RSTP funding all ars.	P by 344K, increase sta cal to FY18, decrease F state by \$4K), increase ocated by VDOT under t and local by \$7K.	Y18 by 84 FY20 by
STIP ID:	GRT0004	Title: Purchase Bus	Shelters	Recipient:	Greater Roanoke	Transit Company	
FTA 5339						FTA 5339	
State						State	
Local						Local	2000
Year Total:				-		Total Funds:	
Description:	Adjustment #2: In tota FY20, decrease FTA !	II, decrease funding by 5339 by 80K, state by 1	200K in FY19 and FY2 I6K and local by 4K.). In FY19, decrea	se FTA 5339 by 80K,	state by 16K and local b	y 4K. In
All second s	GRT0005	Title: Rehab/Renoval Admin/Maint Building	tion of	Recipient:	Greater Roanoke	Fransit Company	
FTA 5339		226		1		FTA 5339	226
11/100001		45				State	45
State							
The second se		11		100 million -		Local	
State		11 282				Local	45

TIP



REGIONAL	ommission	NIZATION					
	Previous Funding	FY 2018	FY 2019	FY 2020	FY 2021	Total FY 2018-20)21
STIP ID:	GRT0006	Title: Shop Equipment		Recipient:	Greater Roanoke	Transit Company	
FTA 5339		160		16		FTA 5339	17
State		32		3		State	3
Loca		8		1		Local	
Year Total: Description:		200	-	20	-	Total Funds: y \$10K. Remove all FTA,	220
STIP ID:	local funding in FY19 GRT0007	Title: ADP Software	1	Recipient:	Greater Roanoke	Transit Company	1.00
		Title: ADP Software	And the second	Recipient:	Greater Roanoke	Transit Company	
FTA 5339		3				FTA 5339	:
State		1				State	
Loca		1				Local	
Year Total:	-	5	-	-	•	Total Funds:	
Description	Amendment #1: This	is a new project in the F	Y18-21 TIP				
STIP ID:	GRT0008	Title: ADP Hardware		Recipient:	Greater Roanoke	Transit Company	
o m i i D.		234-	20		20	FTA 5339	- 40
FTA 5339						Di-1-	
			3			State	- 3
FTA 5339 State			3		5	Local	3
FTA 5339 State Local Year Total:	-		2	-	25	Local	7
FTA 5339 State	-	is a new project in the F	2	t #6: In total, increa	25	Local	7
FTA 5339 State Local Year Total: Description:	- Amendment #1: This	- Is a new project in the F 5K. Title: Security	2		25 ise funding by \$25K.	Local Total Funds: In FY20, Increase FTA fund	7
FTA 5339 State Local Year Total:	Amendment #1: This \$20K and Local by \$5 GRT0009	5K.	2		25	Local Total Funds: In FY20, Increase FTA fund	7 50 ding by
FTA 5339 State Local Year Total: Description: STIP ID:	Amendment #1: This \$20K and Local by \$5 GRT0009	5K.	2 25 Y18-21 TIP Adjustmen		25 ise funding by \$25K.	Local Total Funds: In FY20, Increase FTA fund Transit Company FTA 5339	7 50 ding by 43
FTA 5339 State Local Year Total: Description: STIP ID: FTA 5339	Amendment #1: This \$20K and Local by \$5 GRT0009	5K.	2 25 Y18-21 TIP Adjustmen 43		25 ise funding by \$25K.	Local Total Funds: In FY20, Increase FTA fund Transit Company	7 50 ding by

6.2 Unified Human Services Transportation Systems, Inc. (RADAR) Project Details

	Previous Funding	FY 2018	FY 2019	FY 2020	FY 2021	Total FY 2018-2	021	
STIP ID:	RAD0001	Title: New Freedom Op Assistance	erating	Recipient:	RADAR - UHSTS,	Inc. Roanoke County		
FTA 5310		108	62	84	93	FTA 5310	347	
State		86	49	67	74	State	276	
Local		22	12	17	19	Local	70	
Revenues		10	12	•	14	Revenues	36	
Year Total:	-	226	135	168	200	Total Funds:	729	
	IAUIUSUIRIIL#J. DECI	ease Fit 19 Iolai lunding 55	OK (decrease FTA 5	310 \$25K decrease	se state \$21K, decrea	se local \$5K increase m	000000	
	\$1K) in accordance v	with FY19 SYIP. Adjustmen with FY20 draft SYIP.	0K (decrease FTA 5 t #5: Decrease FY20	310 \$25K, decreas funding \$10K (dec	se state \$21K, decrea crease FTA 5310 \$5k	se local \$5K, increase re , State \$4K, local \$1K, re	venues venues	
	\$1K) in accordance v	with FY19 SYIP. Adjustmen	t #5: Decrease FY20	funding \$10K (der	crease FTA 5310 \$5k	3, State \$4K, local \$1K, re	venues venues	
	\$1K) in accordance v \$12K) in accordance RAD0002	with FY19 SYIP. Adjustmen with FY20 draft SYIP.	t #5: Decrease FY20	funding \$10K (der	crease FTA 5310 \$5k	se local \$5K, increase re , State \$4K, local \$1K, re Inc. Roanoke County FTA 5310	venues venues 520	
STIP ID:	\$1K) in accordance v \$12K) in accordance RAD0002	with FY19 SYIP. Adjustmen with FY20 draft SYIP. Title: Paratransit Vehicl	t #5: Decrease FY20 Ps	funding \$10K (der Recipient:	RADAR - UHSTS,	, State \$4K, local \$1K, re Inc. Roanoke County	venues	
STIP ID: FTA 5310	\$1K) in accordance v \$12K) in accordance RAD0002	with FY19 SYIP. Adjustmen with FY20 draft SYIP. Title: Paratransit Vehicl	t #5: Decrease FY20 Ps	funding \$10K (der Recipient:	RADAR - UHSTS,	, State \$4K, local \$1K, re inc. Roanoke County FTA 5310	venues 520 -	
STIP ID: FTA 5310 State	\$1K) in accordance v \$12K) in accordance RAD0002	with FY19 SYIP. Adjustmen with FY20 draft SYIP. Title: Paratransit Vehicl 152	t #5: Decrease FY20 es 136	funding \$10K (der Recipient: 104	RADAR - UHSTS, 128 32	, State \$4K, local \$1K, re Inc. Roanoke County FTA 5310 State	venues	





6.2 Lutheran Family Services of Virginia Project Details

	Previous Funding	FY 2018	FY 2019	FY 2020	FY 2021	Total FY 2018-20	021	
STIP ID:	LFS0001	Title: Paratransit Ve	/ehicles Recipient: Lutherar			n Family Services of Virginia		
FTA 5310			64	48		FTA 5310	112	
State						State		
Local			16	12		Local	28	
Year Total:	-	-	80	60		- Total Funds:	140	
		new project and total o add FTA 5310 \$48K, Io				n Local funds. Adjustment #	\$: Add	

6.3 Transit Funding Summaries

Greater Roanoke Transit	Device Funding		=				
Company	Previous Funding	FY 2018	FY 2019	FY 2020	FY 2021	Total FY 2018	
FTA 5307	2,422	2,687	2,687	2,792	2,792	FTA 5307	10,958
FTA 5309		-	-	-	-	FTA 5309	
FTA 5310	•	-	-	-		FTA 5310	
FTA 5311	354	354	513	605	605	FTA 5311	2,077
FTA 5314		•	- 10	-	- 1	FTA 5314	8
FTA 5337	•	-	-	-	-	FTA 5337	-
FTA 5339		666	63	27,303	20	FTA 5339	28,052
FTA ADTAP			-			FTA ADTAP	
FTA DPF	-	-	-	-	-	FTA DPF	-
FTA TIGER	-	-	-	-	-	FTA TIGER	-
FBD	-	-	-	-	-	FBD	-
Flexible STP	-	•	-	-	-	Flexible STP	
CMAQ	-	-	-	•	-	CMAQ	
RSTP	•	2,949	1,579	1,602	1,564	RSTP	7,694
FHWA TAP	-	•	-	-	•	FHWA TAP	
TIFIA		-	-			TIFIA	-
Other Federal	-	-	-	-	-	Other Federal	_
State	2,169	6,628	2,574	70,869	2,799	State	82,870
Local	1,566	1,978	1,739	7,923	2,912	Local	14,552
Revenues	2,314	2,314	2,314	2,245	2,245	Revenues	9,118
Totals	8.825	17,576	11,469	113,339	12.937		155,321





RADAR - UHSTS,							
Inc. Roanoke		(ļ			
County	Previous Funding	FY 2018	FY 2019	FY 2020	FY 2021	Total FY 2018-	2021
FTA 5307	-	-	-	-	-	FTA 5307	-
FTA 5309	-	-	-	-	-	FTA 5309	-
FTA 5310	-	260	198	188	221	FTA 5310	867
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	-	-	•	-	-	FTATIGER	-
FBD	-	-	-	-	-	FBD	-
Flexible STP	-		-	-	-	Flexible STP	-
CMAQ	-	-	-	-	-	CMAQ	
RSTP	-	-	•		-	RSTP	-
FHWA TAP			-	-	_	FHWA TAP	
TIFIA	-		-			TIFIA	-
Other Federal	-	-	-	1	-	Other Federal	-
State	•	86	49	67	74	State	276
Local	-	60	46	43	51	Local	200
Revenues		10	12	-	14	Revenues	36
Totals	•	416	305	298	360		1,379

Lutheran Family Services of Virginia	Previous Funding	FY 2018	FY 2019	FY 2020	FY 2021	Total FY 2018-2	021
FTA 5307	-	-	-	-		FTA 5307	
FTA 5309	-	-	-	- 1		FTA 5309	
FTA 5310	-	-	64	48	-	FTA 5310	112
FTA 5311	<u> </u>	-	-	-		FTA 5311	
FTA 5314	1		-	-	-	FTA 5314	
FTA 5337	-	-	-	-		FTA 5337	
FTA 5339	•	•	•	-	•	FTA 5339	
FTA ADTAP	-	-	-	-	-	FTA ADTAP	-
FTA DPF	-	-	-	-	-	FTA DPF	-
FTA TIGER	-	-	-	-	-	FTATIGER	
FBD	-	•	-	-	-	FBD	
Flexible STP	-	-	-	-	-	Flexible STP	
CMAQ	- 1	-	-	-		CMAQ	_
RSTP	•	-			-	RSTP	
FHWA TAP		•	-	-	-	FHWA TAP	
TIFIA		-		-		TIFIA	-
Other Federal	-	-	-	-	-	Other Federal	-
State	•	-	-	-	-	State	
Local	-	-	16	12	-	Local	28
Revenues	-	-	-	-	-	Revenues	
Totals	-	-	80	60	-		140







Roanoke Valley							
MPO	Previous Funding	FY 2018	FY 2019	FY 2020	FY 2021	Total FY 2018	-2021
FTA 5307	2,422	2,687	2,687	2,792	2,792	FTA 5307	10,958
FTA 5309		-	-	-	•	FTA 5309	
FTA 5310	-	260	262	236	221	FTA 5310	979
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FTA 5314	-	-	-	•	-	FTA 5314	
FTA 5337	-	-	-	-	-	FTA 5337	-
FTA 5339	-	666	63	27,303	20	FTA 5339	28,052
FTA ADTAP	-	-	-	-	-	FTA ADTAP	
FTA DPF	-	•	-	-	_	FTA DPF	-
FTA TIGER	-	-	-	-	-	FTA TIGER	-
FBD	-	-	•	-	-	FBD	-
Flexible STP	-	-	•	-	-	Flexible STP	
CMAQ	-	-	-	-	•	CMAQ	
RSTP	-	2,949	1,579	1,602	1,564	RSTP	7,694
FHWA TAP	•	-	•	-	-	FHWA TAP	
TIFIA	-	•		·····	-	TIFIA	-
Other Federal	-	-	-		•	Other Federal	
State	2,169	6,714	2,623	70,936	2,873	State	83,146
Local	1,566	2,038	1,801	7,978	2,963	Local	14,780
Revenues	2,314	2,324	2,326	2,245	2,259	Revenues	9,154
Totals	8,825	17,992	11,854	113,697	13,297		156,840







May 3, 2019

Stephanie Giles Director of Finance Greater Roanoke Transit Company P.O. Box 13247 Roanoke, VA 24032

RE: FY 2018-2021 TIP Adjustment Request

Dear Ms. Giles:

Per your request, the Roanoke Valley Transportation Planning Organization's (RVTPO) FY2018-2021 Transportation Improvement Program (TIP) has been administratively modified to reflect changes in Projects GRT0001, GRT0002, and GRT0008, per the FY20 SYIP.

The adjusted FY2018-2021 TIP can be found on our website at www.rvtpo.org.

Sincerely,

Bryan W. Hill, AICP, CZA Regional Planner III



6.0 Transit Projects

Funding for the Greater Roanoke Transit Company (GRTC/Valley Metro), RADAR (Unified Human Services Transportation Systems, Inc.), and the Southern Area Agency on Aging from federal and other sources for FY 2018-2021 is presented in the program of projects below.

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STIP ID:	GRT0002	Title: Preventative M	laintenance	Recipient:	Greater Roanoke	Transit Company	Sar 3
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State						State	
Local	and and a second second	167	167	174	174	Local	68
Year Total:		839	839	872		Total Funds:	3.42
Description:	Adjustment #6: In tota \$174K). Increase FY2	I, increase funding by 21 funding by \$872K (in	\$1,744K. Increase FY20 Increase FTA by 698K, In	funding by \$872K	(Increase FTA fundin 174K)	g by \$698K, increase Lo	cal by
STIP ID:	GRT0003	Title: Replace/Reha			Greater Roanoke	Transit Company	- A TANK
FTA 5307						FTA 5307	
FTA 5339		277		288		FTA 5339	56
RSTP		2,949	1,579	1.602	1.564	RSTP	7.69
State		4,381	395	459	391	State	5,62
Local		225		14		Local	23
Year Total:		7.832	1,974	2.363	1 955	Total Funds:	14.124
	3,947K, increase loca (decrease RSTP by 6 \$48K (increase RSTP T18675 and approved	I by \$211K) and move 7K, decrease state by by 38K, increase state J SYIP; also, to include	previous funding of \$14 \$17K), increase FY19 b	52K RSTP, \$3,947 y 19K (increase R needed to align ac ted in previous yea	K state, and \$211K lo STP by 15K, increase tual RSTP funding all ars.	P by 344K, increase sta cal to FY18, decrease F state by \$4K), increase ocated by VDOT under t and local by \$7K.	Y18 by 84 FY20 by
STIP ID:	GRT0004	Title: Purchase Bus	Shelters	Recipient:	Greater Roanoke	Transit Company	
FTA 5339						FTA 5339	
State						State	
Local						Local	2000
Year Total:				-		Total Funds:	
Description:	Adjustment #2: In tota FY20, decrease FTA !	II, decrease funding by 5339 by 80K, state by 1	200K in FY19 and FY2 I6K and local by 4K.). In FY19, decrea	se FTA 5339 by 80K,	state by 16K and local b	y 4K. In
All second s	GRT0005	Title: Rehab/Renoval Admin/Maint Building	tion of	Recipient:	Greater Roanoke	Fransit Company	
FTA 5339		226		1		FTA 5339	226
11/100001		45				State	45
State							
The second se		11		100 million -		Local	
State		11 282				Local	45

TIP



REGIONAL	ommission	NIZATION					
	Previous Funding	FY 2018	FY 2019	FY 2020	FY 2021	Total FY 2018-20)21
STIP ID:	GRT0006	Title: Shop Equipment		Recipient:	Greater Roanoke	Transit Company	
FTA 5339		160		16		FTA 5339	17
State		32		3		State	3
Loca		8		1		Local	
Year Total: Description:		200	-	20	-	Total Funds: y \$10K. Remove all FTA,	220
STIP ID:	local funding in FY19 GRT0007	Title: ADP Software	1	Recipient:	Greater Roanoke	Transit Company	1.00
		Title: ADP Software	And the second	Recipient:	Greater Roanoke	Transit Company	
FTA 5339		3				FTA 5339	:
State		1				State	
Loca		1				Local	
Year Total:	-	5	-	-	•	Total Funds:	
Description	Amendment #1: This	is a new project in the F	Y18-21 TIP				
STIP ID:	GRT0008	Title: ADP Hardware		Recipient:	Greater Roanoke	Transit Company	
<u>5111 ID.</u>		234-	20		20	FTA 5339	- 40
FTA 5339						D4-1-	
			3			State	- 3
FTA 5339 State			3		5	Local	3
FTA 5339 State Local Year Total:	-		2	-	25	Local	7
FTA 5339 State	-	is a new project in the F	2	t #6: In total, increa	25	Local	7
FTA 5339 State Local Year Total: Description:	- Amendment #1: This	- Is a new project in the F 5K. Title: Security	2		25 ise funding by \$25K.	Local Total Funds: In FY20, Increase FTA fund	7
FTA 5339 State Local Year Total:	Amendment #1: This \$20K and Local by \$5 GRT0009	5K.	2		25	Local Total Funds: In FY20, Increase FTA fund	7 50 ding by
FTA 5339 State Local Year Total: Description: STIP ID:	Amendment #1: This \$20K and Local by \$5 GRT0009	5K.	2 25 Y18-21 TIP Adjustmen		25 ise funding by \$25K.	Local Total Funds: In FY20, Increase FTA fund Transit Company FTA 5339	7 50 ding by 43
FTA 5339 State Local Year Total: Description: STIP ID: FTA 5339	Amendment #1: This \$20K and Local by \$5 GRT0009	5K.	2 25 Y18-21 TIP Adjustmen 43		25 ise funding by \$25K.	Local Total Funds: In FY20, Increase FTA fund Transit Company	7 50 ding by

6.2 Unified Human Services Transportation Systems, Inc. (RADAR) Project Details

	Previous Funding	FY 2018	FY 2019	FY 2020	FY 2021	Total FY 2018-2	021
STIP ID:	RAD0001	Title: New Freedom Op Assistance	erating	Recipient:	RADAR - UHSTS,	Inc. Roanoke County	
FTA 5310		108	62	84	93	FTA 5310	347
State		86	49	67	74	State	276
Local		22	12	17	19	Local	70
Revenues		10	12	•	14	Revenues	36
Year Total:	-	226	135	168	200	Total Funds:	729
	IAUIUSUIRIIL#J. DECI	ease Fit 19 Iolai lunding 35	OK (decrease FTA 5	310 \$25K decrease	se state \$21K, decrea	se local \$5K increase m	000000
	\$1K) in accordance v	with FY19 SYIP. Adjustmen with FY20 draft SYIP.	0K (decrease FTA 5 t #5: Decrease FY20	310 \$25K, decreas funding \$10K (dec	se state \$21K, decrea crease FTA 5310 \$5k	se local \$5K, increase re , State \$4K, local \$1K, re	venues venues
	\$1K) in accordance v	with FY19 SYIP. Adjustmen	t #5: Decrease FY20	funding \$10K (der	crease FTA 5310 \$5k	3, State \$4K, local \$1K, re	venues venues
	\$1K) in accordance v \$12K) in accordance RAD0002	with FY19 SYIP. Adjustmen with FY20 draft SYIP.	t #5: Decrease FY20	funding \$10K (der	crease FTA 5310 \$5k	se local \$5K, increase re , State \$4K, local \$1K, re Inc. Roanoke County FTA 5310	venues venues 520
STIP ID:	\$1K) in accordance v \$12K) in accordance RAD0002	with FY19 SYIP. Adjustmen with FY20 draft SYIP. Title: Paratransit Vehicl	t #5: Decrease FY20 Ps	funding \$10K (dec Recipient:	RADAR - UHSTS,	, State \$4K, local \$1K, re Inc. Roanoke County	venues
STIP ID: FTA 5310	\$1K) in accordance v \$12K) in accordance RAD0002	with FY19 SYIP. Adjustmen with FY20 draft SYIP. Title: Paratransit Vehicl	t #5: Decrease FY20 Ps	funding \$10K (dec Recipient:	RADAR - UHSTS,	, State \$4K, local \$1K, re inc. Roanoke County FTA 5310	venues 520 -
STIP ID: FTA 5310 State	\$1K) in accordance v \$12K) in accordance RAD0002	with FY19 SYIP. Adjustmen with FY20 draft SYIP. Title: Paratransit Vehicl 152	t #5: Decrease FY20 es 136	funding \$10K (der Recipient: 104	RADAR - UHSTS, 128 32	, State \$4K, local \$1K, re Inc. Roanoke County FTA 5310 State	venues





6.2 Lutheran Family Services of Virginia Project Details

	Previous Funding	FY 2018	FY 2019	FY 2020	FY 2021	Total FY 2018-20	021
STIP ID:	LFS0001	Title: Paratransit Ve	hicles	Recipient:	Lutheran Family	Services of Virginia	1123.78
FTA 5310			64	48		FTA 5310	112
State						State	
Local			16	12		Local	28
Year Total:	-	-	80	60		- Total Funds:	140
		new project and total o add FTA 5310 \$48K, Io				n Local funds. Adjustment #	\$: Add

6.3 Transit Funding Summaries

Greater Roanoke Transit	Device Funding		=				
Company	Previous Funding	FY 2018	FY 2019	FY 2020	FY 2021	Total FY 2018	
FTA 5307	2,422	2,687	2,687	2,792	2,792	FTA 5307	10,958
FTA 5309		-	-	-	-	FTA 5309	
FTA 5310	•	-	-	-		FTA 5310	
FTA 5311	354	354	513	605	605	FTA 5311	2,077
FTA 5314		•	- 10	-	- 1	FTA 5314	8
FTA 5337	•	-	-	-	-	FTA 5337	-
FTA 5339		666	63	27,303	20	FTA 5339	28,052
FTA ADTAP			-			FTA ADTAP	
FTA DPF	-	-	-	-	-	FTA DPF	-
FTA TIGER	-	-	-	-	-	FTA TIGER	-
FBD	-	-	-	-	-	FBD	-
Flexible STP	-	•	-	-	-	Flexible STP	
CMAQ	-	-	-	•	-	CMAQ	
RSTP	•	2,949	1,579	1,602	1,564	RSTP	7,694
FHWA TAP	-	•	-	-	•	FHWA TAP	
TIFIA		-	-			TIFIA	-
Other Federal	-	-	-	-	-	Other Federal	_
State	2,169	6,628	2,574	70,869	2,799	State	82,870
Local	1,566	1,978	1,739	7,923	2,912	Local	14,552
Revenues	2,314	2,314	2,314	2,245	2,245	Revenues	9,118
Totals	8.825	17,576	11,469	113,339	12.937		155,321





RADAR - UHSTS,							
Inc. Roanoke		(ļ			
County	Previous Funding	FY 2018	FY 2019	FY 2020	FY 2021	Total FY 2018-	2021
FTA 5307	-	-	-	-	-	FTA 5307	-
FTA 5309	-	-	-	-	-	FTA 5309	-
FTA 5310	-	260	198	188	221	FTA 5310	867
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	-	-	•	-	-	FTATIGER	-
FBD	-	-	-	-	-	FBD	-
Flexible STP	-		-	-	-	Flexible STP	-
CMAQ	-	-	-	-	-	CMAQ	
RSTP	-	-	-		-	RSTP	-
FHWA TAP			-	-	_	FHWA TAP	
TIFIA	-		-			TIFIA	-
Other Federal	-	-	-	1	-	Other Federal	-
State	•	86	49	67	74	State	276
Local	-	60	46	43	51	Local	200
Revenues		10	12	-	14	Revenues	36
Totals	•	416	305	298	360		1,379

Lutheran Family Services of Virginia	Previous Funding	FY 2018	FY 2019	FY 2020	FY 2021	Total FY 2018-2	021
FTA 5307	-	-	-	-		FTA 5307	
FTA 5309	-		-	- 1		FTA 5309	
FTA 5310	-	-	64	48	-	FTA 5310	112
FTA 5311	<u> </u>	-	-	-		FTA 5311	
FTA 5314	1		-	-	-	FTA 5314	
FTA 5337	-	-	-	-		FTA 5337	
FTA 5339	•	•	•	-	•	FTA 5339	
FTA ADTAP	-	-	-	-	-	FTA ADTAP	-
FTA DPF	-	-	-	-	-	FTA DPF	-
FTA TIGER	-	-	-	-	-	FTATIGER	
FBD	-	•	-	-	-	FBD	
Flexible STP	-	-	-	-	-	Flexible STP	
CMAQ	- 1	-	-	-		CMAQ	_
RSTP	•	-			-	RSTP	
FHWA TAP		•	-	-	-	FHWA TAP	
TIFIA		-		-		TIFIA	-
Other Federal	-	-	-	-	-	Other Federal	-
State	•	-	-	-	-	State	
Local	-	-	16	12	-	Local	28
Revenues	-	-	-	-	-	Revenues	
Totals	-	-	80	60	-		140







Roanoke Valley							
MPO	Previous Funding	FY 2018	FY 2019	FY 2020	FY 2021	Total FY 2018	-2021
FTA 5307	2,422	2,687	2,687	2,792	2,792	FTA 5307	10,958
FTA 5309		-	-	-	•	FTA 5309	
FTA 5310	-	260	262	236	221	FTA 5310	979
FTA 5311	354	354	513	605	605	FTA 5311	2,077
FTA 5314	-	-	-	•	-	FTA 5314	
FTA 5337	-	-	-	-	-	FTA 5337	-
FTA 5339	-	666	63	27,303	20	FTA 5339	28,052
FTA ADTAP	-	-	-	-	-	FTA ADTAP	
FTA DPF	-	•	-	-	_	FTA DPF	-
FTA TIGER	-	-	-	-	-	FTA TIGER	-
FBD	-	-	•	-	-	FBD	-
Flexible STP	-	-	•	-	-	Flexible STP	
CMAQ	-	-	-	-	•	CMAQ	
RSTP	-	2,949	1,579	1,602	1,564	RSTP	7,694
FHWA TAP	•	-	•	-	-	FHWA TAP	
TIFIA	-	•		· · ·	-	TIFIA	-
Other Federal	-	-	-		•	Other Federal	
State	2,169	6,714	2,623	70,936	2,873	State	83,146
Local	1,566	2,038	1,801	7,978	2,963	Local	14,780
Revenues	2,314	2,324	2,326	2,245	2,259	Revenues	9,154
Totals	8,825	17,992	11,854	113,697	13,297		156,840







June 20, 2019

Stephanie Giles Director of Finance Greater Roanoke Transit Company P.O. Box 13247 Roanoke, VA 24032

RE: FY 2018-2021 TIP Adjustment Request

Dear Ms. Giles:

Per your request, the Roanoke Valley Transportation Planning Organization's (RVTPO) FY2018-2021 Transportation Improvement Program (TIP) has been administratively modified to reflect changes in Projects GRT0001 and GRT0002, per the FY20 SYIP.

The adjusted FY2018-2021 TIP can be found on our website at www.rvtpo.org.

Sincerely,

austra D- Finch

Cristina D. Finch, AICP, LEED AP Director of Transportation



PLANNING ORGANIZATION

6.0 Transit Projects

Funding for the Greater Roanoke Transit Company (GRTC/Valley Metro), RADAR (Unified Human Services Transportation Systems, Inc.), and the Southern Area Agency on Aging from federal and other sources for FY 2018-2021 is presented in the program of projects below.

Greater Roanoke Transit Company (Valley Metro) Project Details 6.1

	Previous Fundi	ng FY 2018	FY 2019	FY 2020	FY 2021	Total FY 2018-2	2021
ROANOKE VALL		OPOLITAN PLANNING O					
STIP ID:	GRT0001	Title: Operating Assis	THE R. LEWIS CO., LANSING MICH.	Recipient: G	reater Roanoke	Transit Company	
FTA 5307	and the second se	422 2.015	4,304		2,094	FTA 5307	8,41
FTA 5311		354 354	513	605	605	FTA 5311	2,07
State		169 2,169	2,169	2,408	2,408	State	9,15
Loca		566 1,566	1,566	2,733	2,733	Local	8,59
Revenues		314 2,314	2,314	2,245	2,245	Revenues	9,11
Year Total:	and the second se	825 8,418	10,866	7,991		Total Funds:	37,36
Description:		ncrease FTA 5311 funding in	and the second se		the second se		
	in FY20. Increase	OK (increase FTA funding by FY21 funding by \$7,840K (i Revenues in FY21, Adjustm (to \$0.	increase FTA funding b	y \$2,699K, increase	State by \$2,408K,	increase Local by \$2,733	K) and
STIP ID:	GRT0002	Title: Preventative Ma	intenance	Recipient: G	reater Roanoke	Transit Company	an and
FTA 5307		672	1,435		698	FTA 5307	2,80
State						State	
Local		167	358		174	Local	69
Year Total:	The second se	- 839	1,793	-	872	Total Funds:	3,50
	-	crease FTA 5307 funding in		35K Increase Local			
Description:		K to \$0, and decrease Local i			iditality and in to a	Soon. Decrease 1 1A 00	
STIP ID:	GRT0003	Title: Replace/Rehab	ilitate Buses	Recipient: G	reater Roanoke	Transit Company	
FTA 5307	T		1			FTA 5307	
FTA 5339	-	277		288		FTA 5339	56
RSTP		2.949	1.579	1.602	1,564	RSTP	7,69
State		4,381	395	459	391	State	5,62
Local		225	050	14	001	Local	23
Year Total:		- 7,832	1,974	2,363	1 955	Total Funds:	14,124
Description:	3,947K, increase (decrease RSTP \$48K (increase R T18675 and appr	total, increase (unding by \$ local by \$211K) and move pi by 67K, decrease state by \$ STP by 38K, increase state lo oved SYIP; also, to include s	revious funding of \$145 17K), increase FY19 by by 10K). Modification i tate bond funds allocal	52K RSTP, \$3,947K s 7 19K (increase RST) heeded to align actua ted in previous years	state, and \$211K lo P by 15K, increase al RSTP funding all	cal to FY18, decrease F state by \$4K), increase f ocated by VDOT under U	718 by 84 FY20 by
		total, increase funding by \$		and the second second second second			
STIP ID:	GRT0004	Title: Purchase Bus Si	heiters	Recipient: G	reater Roanoke	Transit Company	
FTA 5339						FTA 5339	-
State		and a second second second				State	
Local						Local	
Year Total:				-		Total Funds:	
Description:		total, decrease funding by 2 TA 5339 by 80K, state by 16). In FY19, decrease	FTA 5339 by 80K,	state by 16K and local by	y 4K. In
	GRT0005	Title: Rehab/Renovation Admin/Maint Building	on of	Recipient: G	reater Roanoke	Transit Company	
STIP ID:		Additional Data and			A REAL PROPERTY OF A REA		
STIP ID: FTA 5339		226				FTA 5339	226
		the second se				FTA 5339 State	220 45
FTA 5339		226		-		TO PARTY AND	CONTRACTOR OF THE OWNER.
State Local Year Total:		226 45	•			State Local Total Funds:	4: 11 282







	Previous Funding	FY 2018	FY 2019	FY 2020	FY 2020 FY 2021 Total FY 2018-202		2021
STIP ID:	GRT0006	Title: Shop Equipment		Recipient:	Greater Roanoke	Transit Company	
FTA 5339	Service States	160		16		FTA 5339	176
State		32		3	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	State	35
Local		8		1		Local	9
Year Total:		200	-	20		Total Funds:	220
Description:	Adjustment #2: Incre local funding in FY19).	/ \$144K in FY18, incre	ease state by \$28K,	and increase local b	y \$10K. Remove all FTA	, state, and
STIP ID:	GRT0007	Title: ADP Software		Recipient: (Greater Roanoke	Transit Company	
FTA 5339		3			and the second s	FTA 5339	3
State		1				State	1
Local		1				Local	1
Year Total:		5			-	Total Funds:	5
Description:	Amendment #1: This	s is a new project in the F	Y18-21 TIP				
STIP ID:	GRT0008	Title: ADP Hardware		Recipient: (Greater Roanoke	Transit Company	
FTA 5339			20		20	FTA 5339	40
State	1000 C		3			State	3
Local			2		5	Local	7
Year Total:	- C. L	•	25	-	25	Total Funds:	50
Description:	Amendment #1: This \$20K and Local by \$	s is a new project in the F 5K.	Y18-21 TIP Adjustmen	nt #6: In total, increas	se funding by \$25K.	In FY20, Increase FTA fu	nding by
STIP ID:	GRT0009	Title: Security		Recipient: 0	Greater Roanoke	Transit Company	11 11 10
FTA 5339	· · · · · · · · · · · · · · · · · · ·		43			FTA 5339	43
State			7			State	7
Local			4			Local	4
Year Total:	-	•	54	-	-	Total Funds:	54
Description:	Amendment #1: This	is a new project in the F	Y18-21 TIP				

Unified Human Services Transportation Systems, Inc. (RADAR) Project Details 6.2

	Previous Funding	FY 2018	FY 2019	FY 2020	FY 2021	Total FY 2018-2	8-2021	
STIP ID:	RAD0001	Title: New Freedom (Assistance	Operating	Recipient: F	RADAR - UHSTS,	Inc. Roanoke County		
FTA 5310		108	62	84	93	FTA 5310	347	
State		86	49	67	74	State	276	
Local	1	22	12	17	19	Local	70	
Revenues	1	10	12		14	Revenues	36	
Year Total:		226	135	168	200	Total Funds:	729	
	\$1K) in accordance v \$12K) in accordance	with FY19 SYIP. Adjustm with FY20 draft SYIP.	ent #5: Decrease FY20) funding \$10K (decn	ease FTA 5310 \$5K	ise locał \$5K, increase re K, State \$4K, local \$1K, re	venues	
STIP ID:	RAD0002	Title: Paratransit Veh	icles	Recipient: R	ADAR - UHSTS,	Inc. Roanoke County		
FTA 5310		152	136	104	128	FTA 5310	520	
State						State		
Local		38	34	26	32	Local	130	
Year Total:		190	170	130	160	Total Funds:	650	
Description:	Adjustment #3: Incre	ase FY19 total funding \$	40K (increase FTA 53)	10 \$32K increase lo	cal \$8K) in accorda	nce with EV19 SVID Adiu		







6.2 Lutheran Family Services of Virginia Project Details

7-180	Previous Funding	FY 2018	FY 2019	FY 2020	FY 2021	Total FY 2018-20)21
STIP ID:	LFS0001	Title: Paratransit Veh	icles	Recipient:	Lutheran Family	y Services of Virginia	1000
FTA 5310			64	48		FTA 5310	112
State	of Feet					State	
Local	197		16	12	1. IC	Local	28
Year Total:			80	60		- Total Funds:	140
		new project and total of add FTA 5310 \$48K, loc				in Local funds. Adjustment #	

Transit Funding Summaries 6.3

Greater Roanoke Transit Company	Previous Funding	FY 2018	FY 2019	FY 2020	FY 2021	Total FY 2018	-2021
FTA 5307	2,422	2,687	5,739		2,792	FTA 5307	11,218
FTA 5309						FTA 5309	
FTA 5310				-		FTA 5310	-
FTA 5311	354	354	513	605	605	FTA 5311	2,077
FTA 5314						FTA 5314	-
FTA 5337		•				FTA 5337	
FTA 5339	-	666	63	304	20	FTA 5339	1,053
FTA ADTAP		•	-	-	-	FTA ADTAP	
FTA DPF			- 1	•		FTA DPF	
FTA TIGER			-	- 1111	-	FTATIGER	
FBD	P	-	-		-	FBD	- 10
Flexible STP	•	•	-		- 17	Flexible STP	
CMAQ	- L •					CMAQ	
RSTP	I	2,949	1,579	1,602	1,564	RSTP	7,694
FHWA TAP		•			- 10	FHWA TAP	-
TIFIA	•			•		TIFIA	
Other Federal	-				-	Other Federal	
State	2,169	6,628	2,574	2,870	2,799	State	14,871
Local	1,566	1,978	1,930	2,748	2,912	Local	9,568
Revenues	2,314	2,314	2,314	2,245	2,245	Revenues	9,118
Totals	8,825	17,576	14,712	10,374	12,937		55,599





RADAR - UHSTS, Inc. Roanoke County	Previous Funding	FY 2018	FY 2019	FY 2020	FY 2021	Total FY 2018	-2021
FTA 5307	-	-	-			FTA 5307	
FTA 5309	- 🗿		-	-		FTA 5309	
FTA 5310	-	260	198	188	221	FTA 5310	867
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	-	-	-	-	-	FTATIGER	
FBD	-	-	-	-	-	FBD	
Flexible STP	-	•	-	-	-	Flexible STP	
CMAQ	-	-	-	-	-	CMAQ	
RSTP	-	-	-	-	-	RSTP	-
FHWA TAP	-	-	-	-	-	FHWA TAP	
TIFIA	-	•	-	-	-	TIFIA	_
Other Federal	-	-	-	-	-	Other Federal	-
State	•	86	49	67	74	State	276
Local	- -	60	46	43	51	Local	200
Revenues	-	10	12	-	14	Revenues	36
Totals	-	416	305	298	360		1,379

Lutheran Family Services of Virginia	Previous Funding	FY 2018	FY 2019	FY 2020	FY 2021	Total FY 2018-	2021
FTA 5307					112021	FTA 5307	2021
FTA 5309	-	-	-			FTA 5309	
FTA 5310	-	-	64	48	-	FTA 5310	11
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	-	-	-	-	-	FTATIGER	-
FBD	-	-	•	-	-	FBD	
Flexible STP	-	-	-	-	-	Flexible STP	
CMAQ	-	•	-	-	-	CMAQ	
RSTP	-	-	-	-	-	RSTP	
FHWA TAP	-	-	-	-	-	FHWA TAP	
TIFIA	•	-	-	-	-	TIFIA	
Other Federal	-	-	•	-	-	Other Federal	
State	-	-	•	-	-	State	
Locai	-	-	16	12	•	Locai	20
Revenues	-	-	-	-	-	Revenues	
Totals	-	-	80	60	•		140







Roanoke Valley							
MPO	Previous Funding	FY 2018	FY 2019	FY 2020	FY 2021	Total FY 2018	-2021
FTA 5307	2,422	2,687	5,739	-	2,792	FTA 5307	11,218
FTA 5309	-	-	-	-	-	FTA 5309	
FTA 5310	-	260	262	236	221	FTA 5310	979
FTA 5311	354	354	513	605	605	FTA 5311	2,077
FTA 5314	-	-	-	-	-	FTA 5314	
FTA 5337		-	-	-	-	FTA 5337	_
FTA 5339	-	666	63	304	20	FTA 5339	1,053
FTA ADTAP	-	-	-	-	-	FTA ADTAP	1,000
FTA DPF	-	-	-	-	•	FTADPF	
FTA TIGER	-	-	-	-		FTATIGER	
FBD	-	-	-	-	-	FBD	_
Flexible STP			•		•	Flexible STP	
CMAQ	-	-	-	-	-	CMAQ	
RSTP	-	2,949	1,579	1,602	1,564	RSTP	7,694
FHWA TAP	-	•	•	-	-	FHWA TAP	-,004
TIFIA	-		-	-	-	TIFIA	
Other Federal	-	-	-	-	-	Other Federal	
State	2,169	6,714	2,623	2,937	2,873	State	15,147
Local	1,566	2,038	1,992	2,803	2,963	Local	9,796
Revenues	2,314	2,324	2,326	2,245	2,259	Revenues	9,154
Totals	8,825	17,992	15,097	10,732	13,297		57,118







December 20, 2019

Mr. Michael Gray Salem District Planning Manager Virginia Department of Transportation 731 Harrison Avenue Salem, VA 24153

RE: FY 2018-2021 TIP Adjustment Request

Dear Mr. Gray:

Per your request, the Roanoke Valley Transportation Planning Organization's (RVTPO) FY2018-2021 Transportation Improvement Program (TIP) has been administratively modified to reflect Interstate 81 project and funding changes under the grouping Construction: Safety/ITS/Operational Improvements. Specifically, the following projects have been added to the grouping:

- UPC 115937 #i81CIP MM139 to MM141 add lane in each direction estimate = \$117,871,895;
- UPC 116201 #i81CIP MM 144 to exit 150 adding NB and SB lanes estimate = \$322,157,080;
- UPC 116202 #i81CIP extend lanes at Troutville safety rest area estimate = \$10,042,040; and
- UPC 116203 #i81CIP MM136 to MM139 add lane in each direction estimate = \$174,608,365.

The adjusted FY2018-2021 TIP can be found on our website at www.rvtpo.org.

Sincerely,

Wayne Strickland Secretary to the TPO



Primary	108069	Safety Improvements – Yearly HSIP Open Container Funds	Various	\$2,000,000
Primary	108538	Adaptive Capable Signal Controllers - SWRO	Various	\$1,316,000
Secondary	105736	Roadway Departure Safety Countermeasures	Various	\$166,101

6.9 Statewide

Construction: SITS/OI

System	UPC	Project Name	Description	Street/Route	Estimate
Interstate	107802	Incident Management Emergency Evacuation & Detour Plans	Various		\$500,000
Miscellaneous	93174	Safety Analyst Project	Various		\$1,104,740
Miscellaneous	105481	Improvement iPEMS (Iteris Performance Measurement System)	Various		\$1,400,000

6.10 MPO Multi-Jurisdictional

System	Jurisdiction	UPC	Project Name	Description	Street/ Route	Estimate
Interstate	Salem/ Roanoke Co.	115937	I-81 – MM136 to MM139 adding one lane in each direction	Widen to three lanes between Exit 137 and Exit 140	I-81	\$174,608,365
Interstate	Roanoke/ Roanoke Co.	116201	I-81 – MM136 to MM139 adding one lane in each direction	Widen to three lanes between Exit 137 and Exit 140	I-81	\$174,608,365
Interstate	Salem/ Roanoke Co.	116203	I-81 – MM136 to MM139 adding one lane in each direction	Widen to three lanes between Exit 137 and Exit 140	I-81	\$174,608,365





Roanoke MPO

Project Groupings

GROUF	PING	Construction : Safet	y/ITS/Operational Imp	rovements			
ROUTE	/STREET					TOTAL COST	\$724,320,376
	FUND SOU	RCE	MATCH	FY18	FY19	FY20	FY21
PE	Federal - A	C CONVERSION	\$180,000	\$0	\$250,000	\$370,000	\$1,000,000
	Federal - H	SIP	\$21,111	\$190,000	\$0	\$0	\$0
	Federal - N	HS/NHPP	(\$1,799)	(\$7,195)	\$0	\$0	\$0
PE TOT	AL		\$199,312	\$182,805	\$250,000	\$370,000	\$1,000,000
PE AC	Federal - A	C	\$291,111	\$2,620,000	\$0	\$0	\$0
	Federal - A	C OTHER	\$0	\$0	\$0	\$47,165,000	\$0
PE AC			\$291,111	\$2,620,000	\$0	\$47,165,000	\$0
RW	Federal - H	SIP	\$16,667	\$0	\$150,000	\$0	\$0
	Federal - N	HS/NHPP	\$89,178	\$0	\$356,710	\$0	\$0
RW TO	TAL		\$105,844	\$0	\$506,710	\$0	\$0
CN	Federal - A	C CONVERSION	\$1,030,985	\$0	\$2,106,492	\$0	\$2,378,558
	Federal - H	SIP	\$646,889	\$572,000	\$0	\$850,000	\$4,400,000
	Federal - N	HFP	\$64,383	\$257,530	\$0	\$0	\$0
	Federal - N	HS/NHPP	\$911,492	\$2,495,967	\$0	\$1,150,000	\$0
CN TOT	ΓAL		\$2,653,748	\$3,325,497	\$2,106,492	\$2,000,000	\$6,778,558
CN AC	Federal - A	C	\$336,506	\$650,000	\$0	\$2,378,558	\$0
	Federal - A	C OTHER	\$0	\$12,310,224	\$0	\$0	\$0
CN AC			\$336,506	\$12,960,224	\$0	\$2,378,558	\$0
MPO Note		TIP AMD - Add \$47,	165,000 (AC-Other) F	FY20 PE phase.			



The 23rd day of January 2020

RESOLUTION

Approving Amendment #4 to the <u>Transportation Improvement Program</u> for Federal Fiscal Years 2018, 2019, 2020 and 2021 for the Roanoke Urbanized Area

WHEREAS, the Roanoke Valley Transportation Planning Organization (RVTPO) approved the FY 2018-2021 Transportation Improvement Program on April 28, 2017; and

WHEREAS, the inclusion of transportation projects in the Transportation Improvement Program is a condition of federal participation in the funding of that project; and

WHEREAS, Amendment #4 to the FY 2018-2021 Transportation Improvement Program reflects new funding approved by the Virginia General Assembly in 2019 for Improvements to Interstate 81; and

WHEREAS, the following new projects:

- UPC 116203, Interstate 81 from MM136 to MM139 add lane in each direction (\$174,608,365),
- UPC 115937, Interstate 81 from MM139 TO MM141 add lane in each direction (\$117,871,895),
- UPC 116201, Interstate 81 from MM 144 TO EXIT 150 adding NB/SB lanes (\$322,157,080), and

were approved in October 2019 by the Commonwealth Transportation Board in the Six-Year Improvement Program and are expected to improve the performance of Interstate 81 related to safety, reliability and congestion; and

WHEREAS, in accordance with the RVTPO's Public Participation Plan, public input has been sought in amending the Program, feedback has been presented to the Policy Board, and a duly advertised public hearing was held; and

NOW, THEREFORE BE IT RESOLVED, that the Roanoke Valley Transportation Planning Organization Policy Board does hereby approve the Amendment #4 to the *FY 2018-2021 Transportation Improvement Program,* as presented.

ut School Janet Scheid

Chair

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

Roanoke Valley Area Metropolitan Planning Organization

Memo

Date: January 27, 2020

From: Bryan Hill

RE: Adjustment #9 to the Transportation Improvement Program—Addition of FY20 Transit Asset Management Plan Language and Performance Measures

The FY2018-2021 Transportation Improvement Program was administratively modified to include updated Transit Asset Management (TAM) Plan language and performance measures for FY 2020.

Roanoke Valley-Alleghany

commission

Upon adoption by the RVTPO of the FY 2020 TAM Performance Measure Targets, another administrative modification will be made which will include 2020 "target" percentages.

###



Roanoke Valley Transportation

5.4 Transit Asset Management Performance Measures

The National Transit Asset Management System Final Rule (49 U.S.C 625) specifies four performance measures, which apply to four TAM asset categories: equipment, rolling stock, infrastructure, and facilities. Figure 2 describes each of these measures.

Asset Category	Relevant Assets	Measure	Measure Type	Desired Direction
Equipment	Service support, maintenance, and other non-revenue vehicles	Percentage of vehicles that have met or exceeded their ULB	Age-based	Minimize percentage
Rolling Stock	Buses, vans, and sedans; light and heavy rail cars; commuter rail cars and locomotives; ferry boats	Percentage of revenue vehicles that have met or exceeded their ULB	Age-based	Minimize percentage
Infrastructure	Fixed guideway track	Percentage of track segments with performance (speed) restrictions, by mode	Performance- based	Minimize percentage
Facilities	Passenger stations, parking facilities, administration and maintenance facilities	Percentage of assets with condition rating lower than 3.0 on FTA TERM Scale	Condition- based	Minimize

Table 1: TAM Performance Measures by Asset Category

FTA = Federal Transit Administration. TAM = Transit Asset Management. TERM = Transit Economic Requirements Model. ULB =

Useful Life Benchmark.

Two definitions apply to these performance measures:

- Useful Life Benchmark (ULB)—"The expected lifecycle of a capital asset for a particular transit provider's operating environment, or the acceptable period of use in service for a particular transit provider's operating environment." For example, FTA's default ULB of a bus is 14 years.
- FTA Transit Economic Requirements Model (TERM) Scale—A rating system used in FTA's TERM to describe asset condition. The scale values are 1 (poor), 2 (marginal), 3 (adequate), 4 (good), and 5 (excellent).

The National Transit Asset Management System Final Rule (49 U.S.C. 625) requires that all transit agencies that receive federal financial assistance under 49 U.S.C. Chapter 53 and own, operate, or manage capital assets used in the provision of public transportation create a TAM plan. Agencies are required to fulfill this requirement through an individual or group plan. The TAM rule provides two tiers of requirements for transit agencies based on size and operating characteristics:

- A Tier I agency operates rail OR has 101 vehicles or more all fixed route modes OR has 101 vehicles or more in one non-fixed route mode.
- A Tier II agency is a subrecipient of FTA 5311 funds OR is an American Indian Tribe OR has 100 or less vehicles across all fixed route modes OR has 100 vehicles or less in one non-fixed route mode.

The Department of Rail and Public Transportation (DRPT) is the sponsor for the Statewide Tier II Group Plan. The Roanoke Valley Transportation Planning Organization programs federal transportation funds for the Greater Roanoke Transit Company, Unified Human Services Transportation Systems, Inc. (RADAR), Southern Area Agency on Aging, and Lutheran Family Services of Virginia. Greater Roanoke Transit Company/Valley







Metro is a Tier II agency participating in the DRPT sponsored group TAM Plan. The MPO has integrated the goals measures and targets described in the <u>Federal Fiscal Year 2018 Group Transit Asset Management Plan</u> and 2020 plan Addendum into the MPO's planning and programming process specific targets for the Tier II Group TAM Plan are included in the table below.

Asset Category - Performance Measure	Asset Class	2020 Target*
Revenue Vehicles		
	AB - Articulated Bus	
Age - % of revenue	BU - Bus	
vehicles within a particular	CU - Cutaway	
asset class that have met	MB - Minibus	
or exceeded their Useful Life Benchmark (ULB)	BR - Over-the-Road Bus	
	TB - Trolley Bus	
	VN - Van	
Equipment		
Age - % of vehicles that have met or exceeded	Non-Revenue/Service Automobile	
their Useful Life Benchmark (ULB)	Trucks and other Rubber Tire Vehicles	
Facilities		
Condition - % of facilities	Administrative and Maintenance Facility	
with a condition rating	Administrative Office	
below 3.0 on the FTA	Maintenance Facility	
TERM Scale	Passenger Facilities	

Table 2: TAM Targets for rolling stock and facilities: Percentage of Revenue Vehicles that have met or exceeded their ULB by Asset Type







July 6, 2020

Wendy Jones Director of Finance Greater Roanoke Transit Company P.O. Box 13247 Roanoke, VA 24032

RE: FY 2018-2021 TIP Adjustment Request

Dear Ms. Jones:

Per a request from Valley Metro, the Roanoke Valley Transportation Planning Organization's (RVTPO) FY2018-2021 Transportation Improvement Program (TIP) has been administratively modified to reflect changes in Project GRT0003. This administrative modification became effective May 18, 2020.

The adjusted FY2018-2021 TIP can be found on our website at www.rvtpo.org.

Sincerely,

Bryan W. Hill

Bryan W. Hill, AICP, CZA Regional Planner III

FY18-21 TIP,	Adjustment #11
--------------	----------------

STIP ID:	GRT0003	Title: Replace/Reha	abilitate Buses	Recipient:	Greater Roanoke	Transit Company	
FTA 5307						FTA 5307	-
FTA 5339		277		288		FTA 5339	565
RSTP		2,949	-	3,181	1,564	RSTP	7,694
State		4,381	-	854	391	State	5,626
Local		225		14		Local	239
Year Total:	-	7,832	-	4,337	1,955	Total Funds:	14,124
	3,947K, increase loca (decrease RSTP by 6 \$48K (increase RSTF T18675 and approved Adjustment #2: in tota	al by \$211K) and move 57K, decrease state by 9 by 38K, increase stat d SYIP; also, to include al, increase funding by	e previous funding of \$ / \$17K), increase FY1 te by 10K). Modificati e state bond funds allo / \$171K. Increase FT	\$1452K RSTP, \$3,947 9 by 19K (increase R ion needed to align ac ocated in previous yea A funding by \$133K, in	7K state, and \$211K lo STP by 15K, increase ctual RSTP funding all- ars. ncrease state by \$31k	P by 344K, increase s local to FY18, decrease state by \$4K), increase located by VDOT unde k, and local by \$7K. 20 and moving \$395K	∋ FY18 by 84K se FY20 by ∋r UPC

APPENDIX F – A Basic Guide to the Transportation Improvement Program

APPENDIX G – Annual Listing of Transportation Project Obligations



Annual Listing of Transportation Project Obligations

Federal Fiscal Year 2017

(October 1, 2016 to September 30, 2017)



January 2018

The information presented in this document is provided by the Virginia Department of Transportation and the Virginia Department of Rail and Public Transportation. The Roanoke Valley Transportation Planning Organization has reorganized the projects by jurisdiction for ease of reference. The original spreadsheets developed by VDOT are included in the appendices.

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APPENDIX B: Grouped Projects	

DOCUMENT DESCRIPTION

The Roanoke Valley Transportation Planning Organization (RVTPO) Transportation Improvement Program (TIP) is a listing of transportation projects over a three-year period, which will be funded, at least in part, with funds from the Federal Highway Administration (FHWA) and/or Federal Transit Administration (FTA).

The current TIP covers the years 2018 through 2021 and lists the estimated cost for each phase of all projects. Project schedules often change as a result of personnel or consultant availability for design activities, or changes in budget resource availability. Thus, the TIP does not always yield an up-to-date picture of actual project expenditures. To ensure that the public will have an accurate understanding of how federal funds are actually being spent on transportation projects, Congress included in the Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users (SAFETEA-LU) legislation of 2005, and continued in the 2012 Moving Ahead for Progress in the 21st Century Act (MAP-21), a requirement that the organizations responsible for approving the Transportation Improvement Program publish an Annual Listing of Transportation Project Obligations.

What are "project obligations"?

An **obligation** is the Federal government's legal commitment to pay the Federal share of a project's cost. An obligated project is one that has been authorized by the Federal agency and for which funds have been committed. Projects for which funds have been obligated are not necessarily initiated or completed during the program year, and the amount of the obligation will not necessarily equal the total cost of the project. For projects under the auspices of the FTA, obligation occurs when the FTA grant is awarded. For projects under the State/grantee requests that the funds be obligated.

A good way to think of "obligations" is setting up a checking account for a specific purpose and then making an initial deposit. In order to begin work on any phase of a transportation project, federal funds must be obligated. This means that the money is set aside for that particular piece of work, and then can be used to pay bills. The project expenses may be bills from a design consultant, a construction contractor, or payroll costs for Virginia Department of Transportation (VDOT) employees working on the project.

An obligation removed from a project, or **released**, is usually the result of a decrease in the cost estimate, a project awarded for a lesser amount than originally authorized at advertisement, or an FHWA Financial Integrity Review and Evaluation (FIRE) project level review.

Do project obligations mean the work is underway?

This is not always the case. Project accounts are set up, particularly for the initial phases of a project, to enable the work. It may take a while, for example, to select and hire a design consultant and then actually begin work.

Contents of this document:

This document contains tables of VDOT project funding information in which the listing of ungrouped projects is organized by jurisdiction then by funding category (i.e. Interstate, Primary, Secondary, or Urban). Appendix A shows the same grouped projects organized by roadway system rather than by jurisdiction. VDOT grouped projects are presented in Appendix B. Virginia Department of Rail and Public Transportation (VDRPT) funding information show how federal funds were used to support the transit operations of the Greater Roanoke Transit Company (Valley Metro) and RADAR.

Acronyms

- ARRA American Recovery and Reinvestment Act of 2009 BROS Bridge Off-System CMAQ Congestion Mitigation and Air Quality Program DEMO Demonstration EB/MG Equity Bonus/Minimum Guarantee FHWA Federal Highway Administration FTA Federal Transit Administration IM/NH Interstate Maintenance/National Highway System NHPP National Highway Performance Program RSTP **Regional Surface Transportation Program** (SAFETEA-LU) Safe Accountable, Flexible, Efficient Transportation Equity SAFE
- Act: A Legacy for Users
- SSTP Statewide Surface Transportation Program
- STIP Statewide Transportation Improvement Program
- STP Surface Transportation Program
- UPC Universal Project Code

STIP Grouping Detail

Roanoke MPO Study Area

Federal Obligated Funds: 10/01/2016 - 09/30/2017

						ource/Amoun					
ocality	UPC / De	scription	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
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edford Co	unty						_				
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		ALINEN/ ALIE								Remaining:	*
В	SOTETOURT C	OUNTY SUBTO									
		TIP:			\$0	\$0	\$0	\$31,899	\$0	\$0	\$6,101,121
		Obligated:			\$0	\$0	\$0	\$712,354	\$0	\$0	\$6,886,408
		Released:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
										Remaining:	\$590,373

1 114		a subset	NUOAUUR	070/0700	Funding Sour			DDOO	DEVO	0455	TOTAL
Locality	UPC / De	scription	NHS/NHP	STP/STBG	-	MAQ	RSTP	BROS	DEMO	SAFE	TOTAL
					Roand						
Roanoke			T9912901	- Construction	: Transportation	Enhancen	nent/Byway/N	lon-Traditiona	al		
Roanoke	78217			N PAILWAY STA	TION - (0.0000 MI)						
	8217	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$
	InCO	Obligated:	\$0		\$0	\$0	\$0	\$0	\$0	\$0	\$
	linee	Released:	\$0		\$0	\$0	\$0	\$0	\$0	\$0	(\$121,955
										Remaining:	(+ ,
Roanoke										J	
	105015	Downtown Roa	noke Multimoda	al Transportation	Study - Roanoke; Ro	oanoke ()					
	5015	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$
	InCO	Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$
		Released:	\$0	\$0	\$0	\$0	(\$15,094)	\$0	\$0	\$0	(\$15,094
		~								Remaining:	
Roanoke											
	-				sons Mill Park ()						
	9999	TIP:	\$0		\$0	\$0	\$0	\$0	\$0	\$0	\$
		Obligated:	\$0	\$0	\$0	\$0	\$800,000	\$0	\$0	\$0	\$800,00
										Remaining:	
Roanoke											
	103592	Virginian Railw	ay Station Rest	oration Phase 2 - \$	Virginian Railway St \$0	ation; Virgin	an Railway Sta		\$0	\$0	¢
	InCO	Obligated:	\$0 \$131,955	\$0	\$0	\$0 \$0	\$0	\$0 \$0	\$0	\$0	\$ \$131,95
		Obligated.	φ101,900	ψυ	ψυ	ψυ	ψυ	ψυ	ψυ	Remaining:	\$151,85
Roanoke										Kemannig.	
Rounoko	106265	GARDEN CITY	BLVD BIKE/PED) - TRANSPORTAT	ION ALTERNATIVE	S - Davenpor	t Ave/lvvwood	St: Riverland R	d ()		
	6265	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$
		Obligated:	\$391,200	\$0	\$0	\$0	\$160,000	\$0	\$0	\$0	\$551,20
		0		II				I		Remaining:	
Roanoke										<u> </u>	
	106266	ADA BUS FACI	LITIES - TRANS	PORTATION ALTE	RNATIVES - Barnet	t Rd (Wester	n City Limits); S	alem Tpke (2.8	000 MI)		
	6266	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$
	InCO	Obligated:	\$19,254	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$19,25
		Released:	\$0	(\$19,254)	\$0	\$0	\$0	\$0	\$0	\$0	(\$19,254
										Remaining:	
Roanoke											
	-	-			arks - Vic Thomas P		•		* 2	^	
	0003	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$
	InCO	Obligated:	\$0 \$0		\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$
		Released:	\$0	(\$48,000)	\$0	\$0	\$0	\$0	\$0		(\$48,000
Roanoke										Remaining:	
Roanoke	105439	PPC (Aorial Wa	w Dr to Boanok	o Avo SW oxtond	led) - RSTP - Aerial V	Nav Dr. Poar	oko Avo SW ov	tondod (0 5400	MI		
	0000	TIP:			so	so	S0	so	\$0	\$0	\$
	0000	Obligated:	\$438,952		\$0	\$0 \$0	\$3,011,040	\$0	\$0	\$0	\$3,525,44
			+	÷. •, •	T T				- -		\$0,020,77

					Funding S	ource/Amoun	t				
Locality	UPC / Des	cription	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
			Т	9912906 - Cons	struction : Saf	ety/ITS/Opera	tional Improve	ements			
Roanoke											
		-		e - Williamson Ro							
	0011	TIP:	\$0		\$0	\$0	\$0	\$0	\$0	\$0	\$
		Obligated:	\$0	\$20,251	\$0	\$0	\$0	\$0	\$0	\$0	\$20,25
<u> </u>										Remaining:	
Roanoke											
		-		de - Valley View -			•	•	* 0	* 0	•
	0019	TIP:	\$0		\$0	\$0	\$0	\$0	\$0	\$0	\$
		Obligated:	\$0	\$21,561	\$0	\$0	\$0	\$0	\$0	\$0	\$21,56
										Remaining:	
Roanoke	400507 5			- Isffanaan Ota		A	·····				
		TIP:		e - Jefferson St. a			son Street ()	\$0	\$0	\$0	\$(
	0024		\$0 \$0		\$0 \$0	\$0 \$0	\$0	\$0	\$0	\$0	
		Obligated:	م 0	\$9,749	φU	φU	Ф О	Ф О	م 0	1.1	\$9,74
										Remaining:	
Roanoke	400050 5		ada Tarfia Olara	al at 40th 0th at	Davida 400. 404h	Otres a 1 /0 0 500 B					
			•	al at 13th Street -	Route 460; 13th		\$0	\$0	¢0	¢0	•
	0460	TIP:	\$0 \$0		\$0	\$0 \$0	\$0	\$0	\$0 \$0	\$0 \$0	\$(
	InCO	Obligated:	\$0		\$0	\$0	\$0	\$0	\$0	\$0	
		Released:	Φ Ο	(\$40,038)	ΦŪ	φU	ΦU	φU	Φ U	Remaining:	(\$46,058
Roanoke										Remaining.	
NUAIIUKE	109566 C		o/ Blue Hille Sig	nal Upgrade - City	, of Posnoko - O		Blue Hille ()				
	0460	TIP:	\$0		\$0	\$0	\$0	\$0	\$0	\$0	\$
	0400	Obligated:	\$0		\$0	\$0	\$0	\$0	\$0	\$0	\$9,749
		Obligated.	÷.	4 0,110	\$	÷**	* *	\$	<i></i>	Remaining:	ψ0,1 τ
Roanoke										. containing.	
	111360 F	ranklin Road S	Sidewalk Improv	vements- Rt. 220	B- Roanoke Citv	- 3100 Block: 37	700 Block()				
	0220	TIP:	\$0		\$0	\$0	\$0	\$0	\$0	\$0	\$(
		Obligated:	\$0		\$0	\$0	\$0	\$0	\$0	\$0	\$111,63
		o angato ang		. ,				· · ·		Remaining:	••••••••
Roanoke											
	80558 F	RTE. U000 - CO		VEMENTS ON HE	RSHBERGER R	OAD - Cove Roa	d: Rutgers St. ((0.0000 MI)			
	0558	TIP:	\$0		\$0	\$0	\$0	\$0	\$0	\$0	\$
											Ψ
	InCO	Obligated:	\$0	\$23,760	\$0	\$0	\$0	\$0	\$0	\$0	\$23,760

					Funding S	Source/Amoun	t				
Locality	UPC / De	scription	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
Roanoke											
		#SMART18 - Ho	llins Rd & Orang	ge Ave Intersecti	ion Improvemer	nts - Orange Ave	; Hollins Rd (0.2	2000 MI)			
	0460	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$(
		Obligated:	\$305,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$305,00
										Remaining:	
Roanoke											
		Flashing Yellow	v Arrow Upgrade	e - Brandon Ave.	& Colonial Ave	Brandon Aver	ue; Colonial Av	venue ()			
	8029	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		Obligated:	\$0	\$21,690	\$0	\$0	\$0	\$0	\$0	\$0	\$21,690
										Remaining:	:
Roanoke											
		Downtown Roa	noke Signal Coo	ordination - Roan	oke; Roanoke ()					
	0000	TIP:	\$0	\$0	\$0	\$0	\$240,000	\$0	\$0	\$0	\$240,00
		Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
										Remaining:	\$240,000
I	ROANOKE SUB	TOTALS									
		TIP:	\$0	\$0	\$0	\$0	\$240,000	\$0	\$0	\$0 🍢	\$240,000
		Obligated:	\$1,286,361	\$293,840	\$0	\$0 🏲	\$3,971,040	\$0	\$0	\$0 🏲	\$5,551,241
		Released:		(\$235,268)	\$0	\$0 🏲	(\$15,094)	\$0	\$0	\$0 *	(\$250,362
									-	Remaining:	\$240,000

	UPC / De	escription	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
						ke County					
			T9912901	- Construction	n : Transportat	tion Enhancer	nent/Byway/N	on-Tradition	al		
Roanoke Co	unty										
	103495	Low Water Brid	dge for HRB Trai	l near Int. Rtes. 4	19 and 311 - ()						
	3495	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	:
	InCO	Obligated:	\$7,786	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$7,78
										Remaining:	
Roanoke Co	unty										
	97171	-		rnway, Green Hill				. ,			
	7171		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
		Obligated:	\$0	\$0	\$0	\$0	\$216,800	\$0	\$0	\$0	\$216,8
										Remaining:	
Roanoke Co		-					_				
	103607			Streetscape Impr \$0		state 81; Willian	1son Road (Rou \$0	te 11) (0.7200 M \$0	l) \$0	\$0	
	3607		\$0 \$41,558	\$0	\$0 \$0	\$0 \$0	\$320,000	\$0	\$0	\$0	\$361,5
		Obligated: Released:	\$41,558	(\$220,000)	\$0	\$0	\$320,000	\$0	\$0	\$0	
		Releaseu.	ψυ	(\$220,000)	φυ	φυ	φυ	φυ	φυ		(\$220,00
			T00400	Malatanan		Meliotowawaa	and Quetons	Duccoursetion		Remaining:	
Roanoke Co	untv		199129)3 - Maintenand	ce : Preventive	e Maintenance	and System	Preservation			
		E-15 Plant Mix	- Roanoke Coun	ty - Primaries PM	2K-080-E15 - va	rique: various (1 0600 MI)				
	5028		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	:
	InCO		\$0	\$867,000	\$0	\$0	\$0	\$0	\$0	\$0	\$867,0
		J								Remaining:	. ,
			T	9912906 - Cons	struction : Safe	etv/ITS/Operat	tional Improve	ements		Ŭ	
Roanoke Co	unty										
	99542		440 Davis IN Dida	Facility Francis		Rte. 1150 Edgel	wook Pd (0.170	0 MI)			
	33342	RIE. 81 - EXII	140 Park N Ride	Facility Expansion	on - Exit 140; on	Itte. 1150 Luger	100k Ku. (0.170				
						-	•	•			• • • • • •
	0081	TIP:	\$0	\$0	\$0	\$0	\$1,157,936	\$0	\$0	\$0	. , ,
						-	•	•	\$0 \$0	\$0	. , ,
	0081	TIP:	\$0	\$0	\$0	\$0	\$1,157,936	\$0			. , ,
Roanoke Co	0081 unty	TIP: Obligated:	\$0 \$0	\$0 \$270,000	\$0 \$0	\$0 \$0	\$1,157,936 \$1,565,551	\$0 \$0	\$0	\$0	. , ,
Roanoke Co	0081 unty 107054	TIP: Obligated: Route 311 - Ro	\$0 \$0 anoke County -	\$0 \$270,000 Pedestrian Safety	\$0 \$0	\$0 \$0 - NCL Salem; 0.	\$1,157,936 \$1,565,551 02 Mile North of	\$0 \$0	\$0	\$0 Remaining:	\$1,835,5
Roanoke Co	0081 unty	TIP: Obligated: Route 311 - Ro TIP:	\$0 \$0 anoke County - \$0	\$0 \$270,000 Pedestrian Safety \$0	\$0 \$0 / Improvements \$0	\$0 \$0 - NCL Salem; 0. \$0	\$1,157,936 \$1,565,551 02 Mile North of \$0	\$0 \$0 FI-81 SB Ramp (f \$0	\$0 0.0900 MI) \$0	\$0 Remaining: \$0	\$1,835,5
₹oanoke Co	0081 unty 107054	TIP: Obligated: Route 311 - Ro	\$0 \$0 anoke County -	\$0 \$270,000 Pedestrian Safety	\$0 \$0	\$0 \$0 - NCL Salem; 0.	\$1,157,936 \$1,565,551 02 Mile North of	\$0 \$0	\$0	\$0 Remaining: \$0 \$0	\$1,835,55
	0081 unty 107054 0311	TIP: Obligated: Route 311 - Ro TIP:	\$0 \$0 anoke County - \$0	\$0 \$270,000 Pedestrian Safety \$0	\$0 \$0 / Improvements \$0	\$0 \$0 - NCL Salem; 0. \$0	\$1,157,936 \$1,565,551 02 Mile North of \$0	\$0 \$0 FI-81 SB Ramp (f \$0	\$0 0.0900 MI) \$0	\$0 Remaining: \$0	\$1,835,5
	0081 unty 107054 0311 unty	TIP: Obligated: Route 311 - Ro TIP: Obligated:	\$0 \$0 anoke County - \$0 \$0	\$0 \$270,000 Pedestrian Safety \$0 \$574,248	\$0 \$0 / Improvements \$0 \$0	\$0 \$0 - NCL Salem; 0. \$0 \$0	\$1,157,936 \$1,565,551 02 Mile North of \$0	\$0 \$0 FI-81 SB Ramp (f \$0	\$0 0.0900 MI) \$0	\$0 Remaining: \$0 \$0	\$1,835,5
	0081 unty 107054 0311 unty 111407	TIP: Obligated: Route 311 - Ro TIP: Obligated: #SMART18 - Rt	\$0 \$0 anoke County - \$0 \$0 \$0 \$0	\$0 \$270,000 Pedestrian Safety \$0 \$574,248 Adaptive Traffic	\$0 \$0 / Improvements \$0 \$0 \$0	\$0 \$0 - NCL Salem; 0. \$0 \$0 \$0	\$1,157,936 \$1,565,551 02 Mile North of \$0 \$0	\$0 \$0 FI-81 SB Ramp (0 \$0 \$0	\$0 0.0900 MI) \$0 \$0	\$0 Remaining: \$0 \$0 Remaining:	\$1,835,5 \$574,2
	0081 unty 107054 0311 unty 111407	TIP: Obligated: Route 311 - Ro TIP: Obligated: #SMART18 - Rt TIP:	\$0 \$0 anoke County - \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$0 \$270,000 Pedestrian Safety \$0 \$574,248 Adaptive Traffic (\$0	\$0 \$0 / Improvements \$0 \$0 \$0 Control - Rte 221 \$0	\$0 \$0 - NCL Salem; 0. \$0 \$0 ; Rte 419 () \$0	\$1,157,936 \$1,565,551 02 Mile North of \$0 \$0 \$0	\$0 \$0 FI-81 SB Ramp (\$0 \$0 \$0	\$0 0.0900 MI) \$0 \$0 \$0	\$0 Remaining: \$0 \$0 Remaining: \$0	\$1,835,5 \$574,2
	0081 unty 107054 0311 unty 111407	TIP: Obligated: Route 311 - Ro TIP: Obligated: #SMART18 - Rt	\$0 \$0 anoke County - \$0 \$0 \$0 \$0	\$0 \$270,000 Pedestrian Safety \$0 \$574,248 Adaptive Traffic	\$0 \$0 / Improvements \$0 \$0 \$0	\$0 \$0 - NCL Salem; 0. \$0 \$0 \$0	\$1,157,936 \$1,565,551 02 Mile North of \$0 \$0	\$0 \$0 FI-81 SB Ramp (0 \$0 \$0	\$0 0.0900 MI) \$0 \$0	\$0 Remaining: \$0 \$0 Remaining: \$0 \$0 \$0 \$0 \$0	\$1,835,5 \$574,2
Roanoke Co	0081 unty 107054 0311 unty 111407 0419	TIP: Obligated: Route 311 - Ro TIP: Obligated: #SMART18 - Rt TIP:	\$0 \$0 anoke County - \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$0 \$270,000 Pedestrian Safety \$0 \$574,248 Adaptive Traffic (\$0	\$0 \$0 / Improvements \$0 \$0 \$0 Control - Rte 221 \$0	\$0 \$0 - NCL Salem; 0. \$0 \$0 ; Rte 419 () \$0	\$1,157,936 \$1,565,551 02 Mile North of \$0 \$0 \$0	\$0 \$0 FI-81 SB Ramp (\$0 \$0 \$0	\$0 0.0900 MI) \$0 \$0 \$0	\$0 Remaining: \$0 \$0 Remaining: \$0	\$1,835,5 \$574,2
Roanoke Co	0081 unty 107054 0311 unty 111407 0419 unty	TIP: Obligated: Route 311 - Ro TIP: Obligated: #SMART18 - Rt TIP: Obligated:	\$0 \$0 anoke County - \$0 \$0 \$0 te 419 & Rte 221 \$0 \$27,500	\$0 \$270,000 Pedestrian Safety \$0 \$574,248 Adaptive Traffic (\$0 \$0	\$0 \$0 / Improvements \$0 \$0 \$0 Control - Rte 221 \$0 \$0 \$0	\$0 \$0 • NCL Salem; 0. \$0 \$0 ; Rte 419 () \$0 \$0 \$0	\$1,157,936 \$1,565,551 02 Mile North of \$0 \$0 \$0 \$0 \$0 \$0	\$0 \$0 FI-81 SB Ramp ((\$0 \$0 \$0 \$0 \$0 \$0	\$0 0.0900 MI) \$0 \$0 \$0	\$0 Remaining: \$0 \$0 Remaining: \$0 \$0 \$0 \$0 \$0	\$1,835,5 \$574,2
Roanoke Co Roanoke Co Roanoke Co	0081 unty 107054 0311 unty 111407 0419 unty 15190	TIP: Obligated: Route 311 - Ro TIP: Obligated: #SMART18 - Rt TIP: Obligated: RTE 688 - REC	\$0 \$0 anoke County - \$0 \$0 \$0 te 419 & Rte 221 \$0 \$27,500	\$0 \$270,000 Pedestrian Safety \$0 \$574,248 Adaptive Traffic (\$0 \$0 \$0	\$0 \$0 / Improvements \$0 \$0 \$0 Control - Rte 221 \$0 \$0 \$0	\$0 \$0 • NCL Salem; 0. \$0 \$0 ; Rte 419 () \$0 \$0 \$0	\$1,157,936 \$1,565,551 02 Mile North of \$0 \$0 \$0 \$0 \$0 \$0	\$0 \$0 FI-81 SB Ramp ((\$0 \$0 \$0 \$0 \$0 \$0	\$0 0.0900 MI) \$0 \$0 \$0	\$0 Remaining: \$0 \$0 Remaining: \$0 \$0 \$0 \$0 \$0	\$1,835,54 \$574,24 \$574,24 \$27,50
Roanoke Co	0081 unty 107054 0311 unty 111407 0419 unty	TIP: Obligated: Route 311 - Ro TIP: Obligated: #SMART18 - Rt TIP: Obligated: RTE 688 - REC TIP:	\$0 \$0 anoke County - \$0 \$0 \$0 \$27,500 ONSTRUCTION - \$0	\$0 \$270,000 Pedestrian Safety \$0 \$574,248 Adaptive Traffic (\$0 \$0	\$0 \$0 / Improvements \$0 \$0 \$0 Control - Rte 221 \$0 \$0 \$0	\$0 \$0 \$0 • NCL Salem; 0. \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$1,157,936 \$1,565,551 02 Mile North of \$0 \$0 \$0 \$0	\$0 \$0 1-81 SB Ramp (/ \$0 \$0 \$0 \$0 0.6566 MI)	\$0 0.0900 MI) \$0 \$0 \$0 \$0	\$0 Remaining: \$0 \$0 Remaining: \$0 \$0 Remaining:	\$1,157,90 \$1,835,55 \$574,24 \$574,24 \$27,50 \$2252,76

a see life a			41		OTD/OTDO		01440	DOTD	0000	DEMO		TOTAL
Locality	U	PC / Descrip	otion	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
				T991290	7 - Constructio	on : Bridge Reh	nabilitation/Rep	placement/Re	construction			
Roanoke Co	ounty											
		77305 RTE 1	116 - BRIDO	GE REPLACEME	ENT OVER BACK	CREEK - 0.10 MII	LE NORTH ROUT	E 939 (0.3100 M	I)			
		0116	TIP:	\$0	\$0	\$0	\$0	\$0	\$2,738,652	\$0	\$0	\$2,738,65
		0	bligated:	\$0	\$2,323,790	\$0	\$0	\$0	\$0	\$0	\$0	\$2,323,79
											Remaining:	\$414,862
loanoke Co	-	82193 ROUT	_			RUCTURE #1039 -		•		•	MI)	
Roanoke Co	-		TE 220 - BR TIP:	IDGE OVER BA \$0	CK CREEK - STR	RUCTURE #1039 - \$0	4.45 MI ROUTE 4	419; 3.68 MI FRA \$0	NKLIN COUNT	Y LINE (0.5310 I \$0	•	
Roanoke Co	-	82193 ROUT 0220	_					•		•	MI)	\$(
Roanoke Co	-	82193 ROUT 0220	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	MI) \$0	\$(
	•	82193 ROUT 0220	TIP: Obligated:	\$0 \$7,323,326	\$0	\$0	\$0	\$0	\$0	\$0	MI) \$0 \$0	\$9,144,092
	•	82193 ROUT 0220 O	TIP: Obligated:	\$0 \$7,323,326	\$0 \$1,820,766	\$0	\$0	\$0	\$0	\$0	MI) \$0 \$0	\$(
	•	82193 ROUT 0220 OKE COUNTY	TIP: Obligated:	\$0 \$7,323,326	\$0 \$1,820,766 \$252,787	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	MI) \$0 \$0 Remaining:	\$ \$9,144,09; \$4,149,37 ;
	•	82193 ROUT 0220 OKE COUNTY OKE COUNTY	TIP: Obligated: SUBTOTAL TIP:	\$0 \$7,323,326 _\$ \$0	\$0 \$1,820,766 \$252,787 \$5,855,804	\$0 \$0 \$0	\$0 \$0 \$0	\$0 \$0 \$1,157,936	\$0 \$0 \$2,738,652	\$0 \$0 \$0	MI) \$0 \$0 Remaining: \$0	\$0,144,092

				Funding S	ource/Amount	t				
Locality	UPC / Description	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
				S	alem					
		T9912901	- Construction	: Transporta	tion Enhancer	nent/Byway/I	Non-Traditiona	al		
Salem										
		TREETSCAPE A	ND INTERSECTIC	N IMPROVEME	NTS - West side	of Broad St; Ea	st side of White	Oak Alley (0.10	00 MI)	
	9612 TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Obligated:	\$40,800	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$40,800
									Remaining:	
Salem										
	106486 Eddy Ave Bike/	Ped Bridge - Da	vid Smith Trail; F	hase 3A Roano	ke River Greenw	/ay (0.0400 MI)				
	0000 TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Obligated:	\$0	\$60,525	\$0	\$0	\$1,031,291	\$0	\$0	\$0	\$1,091,816
									Remaining:	*
		T	9912906 - Cons	struction : Saf	ety/ITS/Operat	tional Improv	ements			
Salem										
								E EAST INTERS	ECTION KESSLE	
	0460 TIP:	\$0	\$193,244	\$0	\$0	\$0	\$0	\$0	\$0	\$193,244
	InCO Obligated:	\$1,456,492	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,456,492
									Remaining:	ł
		T991290	7 - Constructio	n : Bridge Re	habilitation/Re	placement/R	econstruction			
Salem										
		on Drive Bridge	Poplacomont E	ast Riverside Dr	ive: Route 419 -	Electric Road (0.0900 MI)			
	110574 #SGR - Apperso	on Drive Bridge	•							
	110574 #SGR - Apperso Obligated:	\$0	\$280,000	\$0	\$0	\$0	\$0	\$0	\$0	\$280,000
	Obligated:					•		\$0	\$0 Remaining:	\$280,000
						•		\$0	1.1	\$280,000
	Obligated:		\$280,000			•		\$0 \$0	1.1	
	Obligated:	\$0 \$0	\$280,000 \$193,244	\$0	\$0	\$0	\$0		Remaining:	\$280,000 * \$193,244 \$2,869,108
	Obligated: SALEM SUBTOTALS TIP:	\$0 \$0	\$280,000 \$193,244	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0	Remaining:	\$193,244

					Funding S		•				
ocality	UPC / De	escription	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
					Salem D	District-wide					
			T99129	03 - Maintenand	e : Preventiv	e Maintenance	e and System	Preservation			
alem Distri	ict-wide										
	105049	F15 District Wie	de Interstate La	tex Schedule LM2	2A-962-F15 - Cou	unty MP 3.77; Co	ounty MP 6.62 (2	.8700 MI)			
	5049	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	InCO	Obligated:	\$329,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$329,0
										Remaining:	
alem Distri	ict-wide										
	G722	STIP-MN Salem	: Preventive M	N and System Pre	servation - (T14	4722)					
	0000	TIP:	\$0	\$8,525,000	\$0	\$0	\$0	\$0	\$0	\$0	\$8,525,0
		Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
										Remaining:	\$8,525,0
lem Distri	ict-wide		٦	F9912904 - Mai r	ntenance : Pre	eventive Main	tenance for B	ridges			v - y y
alem Distri		STIP-MN Salem				eventive Main	tenance for B	ridges			
alem Distri		_		N for Bridges - (T		eventive Main ^{\$0}	tenance for B	ridges \$711,000	\$0	\$0	
alem Distri	G721	-	: Preventive M	N for Bridges - (T \$11,426,000	14721)				\$0 \$0		\$12,137,0
alem Distri	G721	TIP:	: Preventive M \$0	N for Bridges - (T \$11,426,000	14721) \$0	\$0	\$0	\$711,000		\$0	\$12,137,0
alem Distri	G721	TIP:	: Preventive M \$0	N for Bridges - (T \$11,426,000 \$0	14721) \$0 \$0 \$0	\$0 \$0	\$0	\$711,000 \$0		\$0 \$0	\$12,137,0
	G721	TIP:	: Preventive M \$0	N for Bridges - (T \$11,426,000 \$0	14721) \$0 \$0 \$0	\$0 \$0	\$0 \$0	\$711,000 \$0		\$0 \$0	\$12,137,0
	G721 0000 ict-wide 103810	TIP: Obligated:	: Preventive Mi \$0 \$0	N for Bridges - (T \$11,426,000 \$0	14721) \$0 \$0	\$0 \$0 Traffic and S	\$0 \$0 afety Operatio	\$711,000 \$0	\$0	\$0 \$0	\$12,137,0
	G721 © 0000	TIP: Obligated:	: Preventive Mi \$0 \$0 t Marking Task 5 \$0	N for Bridges - (T \$11,426,000 \$0 T9912905 - N #962-2: Interstate \$0	14721) \$0 \$0 Maintenance : 81 & 77 - Interst \$0	\$0 \$0 Traffic and S	\$0 \$0 afety Operatio - 174.3); Intersta \$0	\$711,000 \$0	\$0 .3) () \$0	\$0 \$0	\$12,137,0 \$12,137,0
alem Distric	G721 0000 ict-wide 103810	TIP: Obligated: FY14 Pavemen TIP:	: Preventive Mi \$0 \$0	N for Bridges - (T \$11,426,000 \$0 T9912905 - N #962-2: Interstate \$0	14721) \$0 \$0 Aaintenance : 81 & 77 - Interst	\$0 \$0 Traffic and S ate 81 (MM 87.4	\$0 \$0 afety Operatio - 174.3); Intersta	\$711,000 \$0 ms ate 77 (MM 0 - 24	\$0 .3) ()	\$0 \$0 Remaining:	\$12,137,0 \$12,137,0
	G721 0000 ict-wide 103810 0081	TIP: Obligated: FY14 Pavemen TIP:	: Preventive Mi \$0 \$0 t Marking Task 5 \$0	N for Bridges - (T \$11,426,000 \$0 T9912905 - N #962-2: Interstate \$0	14721) \$0 \$0 Maintenance : 81 & 77 - Interst \$0	\$0 \$0 Traffic and Sate 81 (MM 87.4 \$0	\$0 \$0 afety Operatio - 174.3); Intersta \$0	\$711,000 \$0 ons ate 77 (MM 0 - 24 \$0	\$0 .3) () \$0	\$0 \$0 Remaining:	\$12,137,0 \$12,137,0
alem Distri	G721 0000 ict-wide 103810 0081 InCO	TIP: Obligated: FY14 Pavemen TIP:	: Preventive Mi \$0 \$0 t Marking Task 5 \$0	N for Bridges - (T \$11,426,000 \$0 T9912905 - N #962-2: Interstate \$0	14721) \$0 \$0 Maintenance : 81 & 77 - Interst \$0	\$0 \$0 Traffic and Sate 81 (MM 87.4 \$0	\$0 \$0 afety Operatio - 174.3); Intersta \$0	\$711,000 \$0 ons ate 77 (MM 0 - 24 \$0	\$0 .3) () \$0	\$0 \$0 Remaining:	\$12,137,0 \$12,137,0
alem Distri	G721 0000 ict-wide 103810 0081 InCO ict-wide G720	TIP: Obligated: FY14 Pavement TIP: Obligated: STIP-MN Salem	: Preventive Mi \$0 \$0 t Marking Task 5 \$0 \$43,000 : Traffic and Sa	N for Bridges - (T \$11,426,000 \$0 T9912905 - N #962-2: Interstate \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	14721) \$0 Maintenance : 81 & 77 - Interst \$0 \$0 (T14720)	\$0 \$0 Traffic and Sate 81 (MM 87.4 \$0 \$0	\$0 \$0 afety Operatio - 174.3); Intersta \$0 \$0	\$711,000 \$0 ate 77 (MM 0 - 24 \$0 \$0	\$0 .3)() \$0 \$0	\$0 \$0 Remaining: \$0 \$0 Remaining:	\$12,137,0 \$12,137,0 \$43,0
	G721 0000 ict-wide 103810 0081 InCO ict-wide	TIP: Obligated: FY14 Pavement TIP: Obligated: STIP-MN Salem	: Preventive Mi \$0 \$0 t Marking Task 5 \$0 \$43,000	N for Bridges - (T \$11,426,000 \$0 T9912905 - N #962-2: Interstate \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	14721) \$0 Maintenance : 81 & 77 - Interst \$0 \$0 (T14720) \$0	\$0 \$0 Traffic and Sate 81 (MM 87.4 \$0 \$0 \$0	\$0 \$0 afety Operatio - 174.3); Intersta \$0 \$0 \$0	\$711,000 \$0 ons ate 77 (MM 0 - 24 \$0	\$0 .3) () \$0	\$0 \$0 Remaining:	\$12,137,0 \$12,137,0 \$43,0
alem Distri	G721 0000 ict-wide 103810 0081 InCO ict-wide G720	TIP: Obligated: FY14 Pavement TIP: Obligated: STIP-MN Salem	: Preventive Mi \$0 \$0 t Marking Task 5 \$0 \$43,000 : Traffic and Sa	N for Bridges - (T \$11,426,000 \$0 T9912905 - N #962-2: Interstate \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	14721) \$0 Maintenance : 81 & 77 - Interst \$0 \$0 (T14720)	\$0 \$0 Traffic and Sate 81 (MM 87.4 \$0 \$0	\$0 \$0 afety Operatio - 174.3); Intersta \$0 \$0	\$711,000 \$0 ate 77 (MM 0 - 24 \$0 \$0	\$0 .3)() \$0 \$0	\$0 \$0 Remaining: \$0 \$0 Remaining:	\$12,137,0 \$12,137,0 \$43,0 \$1,000,0

				Funding S	ource/Amoun	t				
ocality	UPC / Description	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
		Т9	912906 - Cons	truction : Saf	ety/ITS/Opera	tional Improve	ments			
Salem Distri	ict-wide					-				
	103828 I81 Pavement R	Rehabilitation - V	ARIOUS; VARIO	US (6.6600 MI)						
	0081 TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$
	InCO Obligated:	\$134,078	\$0	\$31,116	\$0	\$0	\$0	\$0	\$0	\$165,19
	-								Remaining:	
Salem Distri	ict-wide									
	107099 Districtwide Bu	ckle-Up Signing	Safety Improvem	nent - Salem - V	ARIOUS; VARIO	DUS()				
	9999 TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$
	InCO Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$
	Released:	\$0	(\$289,392)	\$0	\$0	\$0	\$0	\$0	\$0	(\$289,392
	Nar								Remaining:	
Salem Distr	ict-wide									
	109556 Safety Prescop	ing - Salem - ()							
	9999 TIP:	\$0	, \$0	\$0	\$0	\$0	\$0	\$0	\$0	\$
	Obligated:	\$0	\$400,000	\$0	\$0	\$0	\$0	\$0	\$0	\$400,00
	- L		I	'		'			Remaining:	
Salem Distri	ict-wide									
	108695 ADA COMPLIAN	NCE SALEM DIST	RICT - VARIOUS	S; VARIOUS ()						
	9999 TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$
	Obligated:	\$0	\$199,475	\$0	\$0	\$0	\$0	\$0	\$0	\$199,47
		I	I	I		I			Remaining:	
Salem Distr	ict-wide								Ŭ	
	104672 VARI. RTES Ir	nstall Flashing Y	ellow Arrows Dis	trictiwde - vario	ous routes distri	ctwide; various r	outes districtwi	ide ()		
	4672 TIP:	\$0	\$0	\$0	\$0	, \$0	\$0	\$0	\$0	\$
	InCO Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$
	Released:	\$0	(\$4,985)	\$0	\$0	\$0	\$0	\$0	\$0	(\$4,985
	L								Remaining:	(, ,
S	SALEM DISTRICT-WIDE SUBTO	DTALS								
	TIP:	\$0	\$20,951,000	\$0	\$0	\$0 🏲	\$711,000	\$0	\$0 🍢	\$21,662,00
	Obligated:	_	,,	\$31,116	\$0	\$0	\$0	\$0 \$0	\$0 \$0	\$847,27
	Released:			\$0	\$0	\$0 \$0	\$0	\$0 \$0	\$0	(\$294,377
	iteleaseu.	ţu	(+=+ .,+)	<i>\$</i> 0	ţ.	ţu	40	¢°_	Remaining:	\$21,662,000
									Remaining.	Ψ21,002,00

	LIPC / Decoription	NHS/NHP	STP/STBG		ource/Amount	RSTP	PPOS	DEMO	SAFE	TOTAL
ocality	UPC / Description		31P/31BG	EB/MG	CMAQ	ROIP	BROS	DEIVIO	SAFE	TUTAL
					inton					
		T9912901	- Construction	: Transporta	tion Enhancen	nent/Byway/N	Ion-Traditiona	al		
inton										
	_	•	Bridge - Vinton;							
	5017 HP:	\$0	\$0	\$0	\$0	\$1,360,000	\$0	\$0	\$0	\$1,360,0
	Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
									Remaining:	\$1,360,0
		Т	9912906 - Cons	truction : Safe	ety/ITS/Operat	ional Improve	ements			
inton										
	_		N, Stripe, Xwalks							
	5213 HP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	Obligated:	\$0	\$0	\$0	\$0	\$2,400	\$0	\$0	\$0	\$2,4
									Remaining:	
									v	
/inton									<u> </u>	
/inton		nut Ave. Int. Imp	provement at 8th	St at 8th; Stre	<u> </u>					
/inton	93160 Rte. U000 - Wal 0000 TIP:	\$0	\$0	\$0	\$0	\$417,600	\$0	\$0	\$0	
/inton	_			•	<u> </u>	\$417,600 \$0	\$0 \$0	\$0 \$0	\$0 \$0	
/inton	0000 TIP:	\$0	\$0	\$0	\$0					\$417,6 \$ 417,6
/inton	0000 TIP:	\$0	\$0	\$0	\$0				\$0	
	0000 TIP:	\$0	\$0	\$0	\$0				\$0	
	♥ 0000 TIP: Obligated:	\$0	\$0	\$0	\$0				\$0	
	VINTON SUBTOTALS	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0	\$0	\$0	\$0 Remaining:	\$417,6 \$1,777,6
	VINTON SUBTOTALS	\$0 \$0 \$0	\$0 \$0 \$0	\$0 \$0 \$0	\$0 \$0 \$0	\$0	\$0 \$0	\$0 \$0	\$0 Remaining: \$0	\$417,6
	VINTON SUBTOTALS TIP: Obligated: TIP: Obligated:	\$0 \$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0	\$0 \$1,777,600 \$2,400	\$0 \$0 \$0	\$0 \$0 \$0	\$0 Remaining: \$0 \$0 \$0	\$417,6 \$1,777,6 \$2,4
	VINTON SUBTOTALS TIP: Obligated: TIP: Obligated:	\$0 \$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0	\$0 \$1,777,600 \$2,400	\$0 \$0 \$0	\$0 \$0 \$0	\$0 Remaining: \$0 \$0 \$0 \$0	\$417,6 \$1,777,6 \$2,4
	© 0000 TIP: Obligated: VINTON SUBTOTALS TIP: Obligated: Released:	\$0 \$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0	\$0 \$1,777,600 \$2,400	\$0 \$0 \$0	\$0 \$0 \$0	\$0 Remaining: \$0 \$0 \$0 \$0	\$417,6 \$1,777,6 \$2,4
	© 0000 TIP: Obligated: VINTON SUBTOTALS TIP: Obligated: Released: MPO SUBTOTAL	\$0 \$0 \$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0 \$0 \$0	\$0 \$1,777,600 \$2,400 \$0	\$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0	\$0 Remaining: \$0 \$0 \$0 Remaining:	\$417,6 \$1,777,6 \$2,4 \$38,251,5
	© 0000 TIP: Obligated: VINTON SUBTOTALS TIP: Obligated: Released: MPO SUBTOTAL TIP:	\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0 \$0 \$0 \$23,080,201	\$0 \$0 \$0 \$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$0 \$1,777,600 \$2,400 \$0 \$3,175,536	\$0 \$0 \$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0 \$0	\$0 Remaining: \$0 \$0 \$0 Remaining: \$0	\$417,6 \$1,777,6 \$2,4

LIST OF FEDERAL FUNDS OBLIGATED BY TRANSIT AGENCY

FFY2017

	FEDERAL FUNDS				Flexible			
ROANOKE AREA MPO	OBLIGATED	YEAR	CMAQ	RSTP	STP	FTA	Other	TOTAL
Greater Roanoke Transit Company								
Intercity Bus	FTA 5311	2016				\$ 353,536		\$ 353,536
15 Pass. Body on Chassis w/Wheelchair Lift (3)	FTA 5339	2015				\$ 132,905		\$ 132,905
Purchase Bus Lifts	FTA 5339	2015				\$ 144,000		\$ 144,000
Replace Floor Scrubber	FTA 5339	2016				\$ 16,000		\$ 16,000
Bus Rehab/Renovation of Admin/Maint Facility	FTA 5339	2016				\$ 201,880		\$ 201,880
Engineering and Design - Transfer Facility	FTA 5339	2016				\$ 24,000		\$ 24,000
Purchase ADP Software	FTA 5339	2016				\$ 3,560		\$ 3,560
RADAR/UHSTS								
New Freedom Operating	FTA 5310	2016				\$ 94,718		\$ 94,718
14 Pass. Body on Chassis w/Wheelchair Lift (2)	FTA 5310	2016				\$ 104,000		\$ 104,000
Southern Area Agency on Aging								
14 Pass. Body on Chassis w/Wheelchair Lift (1)	FTA 5310	2016				\$ 52,000		\$ 52,000
New Freedom Operating	FTA 5310	2016				\$ 5,012		\$ 5,012
TOTAL			\$-	\$-	\$-	\$ 1,131,611	\$-	\$ 1,131,611

APPENDIX A: Ungrouped Projects

STIP Grouping Detail

Roanoke MPO Study Area

Federal Obligated Funds: 10/01/2016 - 09/30/2017

		scription	NHS/NHP	STP/STBG	EB/MG	Source/Amoun	RSTP	BROS	DEMO	SAFE	TOTAL
Locality	UPC/De	scription								JAFE	TOTAL
			T9912901	- Construction	n : Transporta	tion Enhance	ment/Byway/	Non-Traditior	nal		
Roanoke											
	78217			N RAILWAY STA			• •	•	* -	•	
	8217	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$
	InCO	Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$
		Released:	\$0	(\$121,955)	\$0	\$0	\$0	\$0	\$0	\$0	(\$121,955
										Remaining:	
Roanoke											
	105015			Transportation							
	5015	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$
	InCO	Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$
		Released:	\$0	\$0	\$0	\$0	(\$15,094)	\$0	\$0	\$0	(\$15,094
			_	-			-	-		Remaining:	:
Roanoke											
Noanoke											
Roanoke	110101	Tinker Creek Tr	ail Extension - V	/ise Avenue; Mas	sons Mill Park ()					
Noanoke	110101 9999	Tinker Creek Tr TIP:	ail Extension - V \$0	/ise Avenue; Mas \$0	sons Mill Park (\$0) \$0	\$0	\$0	\$0	\$0	\$(
i todiloke					•	,	\$0 \$800,000	\$0 \$0	\$0 \$0	\$0 \$0	
Noanoke		TIP:	\$0	\$0	\$0	\$0					\$0 \$800,000
Vinton		TIP:	\$0	\$0	\$0	\$0				\$0	
	9999	TIP: Obligated:	\$0 \$0	\$0	\$0 \$0	\$0				\$0	
	9999	TIP: Obligated:	\$0 \$0	\$0 \$0	\$0 \$0	\$0				\$0	\$800,000
	9999 105017	TIP: Obligated: Glade/Tinker Cr	\$0 \$0 reek Greenway B	\$0 \$0 sridge - Vinton; V \$0	\$0 \$0	\$0 \$0	\$800,000	\$0	\$0	^{\$0} Remaining:	\$800,000
	9999 105017	TIP: Obligated: Glade/Tinker Cr TIP:	\$0 \$0 reek Greenway E \$0	\$0 \$0 sridge - Vinton; V \$0	\$0 \$0 inton() \$0	\$0 \$0 \$0	\$800,000	\$0 \$0	\$0 \$0	\$0 Remaining: \$0	\$800,000 \$1,360,000 \$0
	9999 105017 5017	TIP: Obligated: Glade/Tinker Cr TIP:	\$0 \$0 reek Greenway E \$0	\$0 \$0 sridge - Vinton; V \$0	\$0 \$0 inton() \$0	\$0 \$0 \$0	\$800,000	\$0 \$0	\$0 \$0	\$0 Remaining: \$0 \$0	\$800,000 \$1,360,000 \$0
Vinton	9999 105017 5017	TIP: Obligated: Glade/Tinker Cr TIP: Obligated:	\$0 \$0 reek Greenway E \$0	\$0 \$0 Bridge - Vinton; V \$0 \$0	\$0 \$0 inton() \$0	\$0 \$0 \$0	\$800,000	\$0 \$0	\$0 \$0	\$0 Remaining: \$0 \$0	\$800,000 \$1,360,000 \$0
Vinton	9999 105017 5017 Sunty	TIP: Obligated: Glade/Tinker Cr TIP: Obligated:	\$0 \$0 reek Greenway E \$0 \$0	\$0 \$0 Bridge - Vinton; V \$0 \$0	\$0 \$0 inton() \$0	\$0 \$0 \$0	\$800,000	\$0 \$0	\$0 \$0	\$0 Remaining: \$0 \$0	\$800,000 \$1,360,000 \$0 \$1,360,000
Vinton	9999 105017 5017 Dunty 107521	TIP: Obligated: Glade/Tinker Cr TIP: Obligated: DALEVILLE GR	\$0 \$0 reek Greenway E \$0 \$0 EENWAY - TAP	\$0 \$0 \$ridge - Vinton; V \$0 \$0 \$0	\$0 \$0 inton() \$0 \$0	\$0 \$0 \$0 \$0 \$0	\$800,000 \$1,360,000 \$0	\$0 \$0 \$0	\$0 \$0 \$0	\$0 Remaining: \$0 \$0 Remaining:	

ocality		scription	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
	UPC7 De	scription	NII S/NIIF	317/3100		CINAG	NOTE	BROS	DENIO	JAIL	TOTAL
loanoke								(a. a. a			
		-	-			y Station; Virginia			*	A 2	•
	0500	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$
	InCO	Obligated:	\$131,955	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$131,95
										Remaining:	
loanoke											
	106265					IVES - Davenpor		, ,	,	A 2	•
	6265	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$
		Obligated:	\$391,200	\$0	\$0	\$0	\$160,000	\$0	\$0	\$0	\$551,20
										Remaining:	
loanoke											
						rnett Rd (Western			,		
	6266	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$
	InCO	Obligated:	\$19,254	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$19,25
		Released:	\$0	(\$19,254)	\$0	\$0	\$0	\$0	\$0	\$0	(\$19,254
										Remaining:	
Roanoke											
	103345	RR Grnwy-Bike	/Ped b/t Vic Tho	nas/Ghent Hill Pa	irks - Vic Thoma	s Park; Ghent Hil	l Park (0.2500 M	I)			
	0003	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$
	InCO	Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		Released:	\$0	(\$48,000)	\$0	\$0	\$0	\$0	\$0	\$0	(\$48,000
					-					Remaining:	
Roanoke											
	105439	RRG (Aerial Wag	y Dr to Roanoke	Ave, SW extended	ed) - RSTP - Aeri	al Way Dr; Roano	ke Ave SW exte	nded (0.5400 MI)			
	0000	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		Obligated:	\$438,952	\$75,449	\$0	\$0	\$3,011,040	\$0	\$0	\$0	\$3,525,44
		L								Remaining:	
loanoke Co	unty										
	103495	Low Water Bridg	ge for HRB Trail	near Int. Rtes. 41	9 and 311 - ()						
	3495	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$
	InCO	Obligated:	\$7,786	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$7,78

_ocality	UPC / Desc	ription	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
loanoke Co	ounty										
	97171 Ro	anoke Co, Ro	anoke River Grr	nway, Green Hilll	Pk to Mill Ln - Gr	een Hill Park; Riv	erside Park (1.7	300 MI)			
	7171	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$
		Obligated:	\$0	\$0	\$0	\$0	\$216,800	\$0	\$0	\$0	\$216,80
										Remaining:	
oanoke Co	•										
				treetscape Impro			•				
	3607	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$
		Obligated:	\$41,558	\$0	\$0	\$0	\$320,000	\$0	\$0	\$0	\$361,55
		Released:	\$0	(\$220,000)	\$0	\$0	\$0	\$0	\$0	\$0	(\$220,000
										Remaining:	
alem											
	109612 DO	WNTOWN ST	REETSCAPE A	ND INTERSECTIO	N IMPROVEMEN	o abis teaW - 2TI	F Broad St. Eact	aida of White O	ale Allane /0 4000	RAIN	
	9612	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	9612									\$0 \$0	
	9612	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
alem		TIP: Obligated:	\$0 \$40,800	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0	\$0	\$0 \$0	
alem	106486 Ed	TIP: Obligated: dy Ave Bike/P	\$0 \$40,800 2ed Bridge - Dav	\$0 \$0 id Smith Trail; Ph	\$0 \$0 ase 3A Roanoke	\$0 \$0 River Greenway	\$0 \$0 (0.0400 MI)	\$0 \$0	\$0 \$0	\$0 \$0 Remaining:	\$40,80
alem		TIP: Obligated: dy Ave Bike/P TIP:	\$0 \$40,800 Ped Bridge - Dav \$0	\$0 \$0 id Smith Trail; Ph \$0	\$0 \$0 ase 3A Roanoke \$0	\$0 \$0 River Greenway \$0	\$0 \$0 (0.0400 MI) \$0	\$0 \$0 \$0	\$0 \$0 \$0	\$0 \$0 Remaining: \$0	\$40,800 \$
alem	106486 Ed	TIP: Obligated: dy Ave Bike/P	\$0 \$40,800 2ed Bridge - Dav	\$0 \$0 id Smith Trail; Ph	\$0 \$0 ase 3A Roanoke	\$0 \$0 River Greenway	\$0 \$0 (0.0400 MI)	\$0 \$0	\$0 \$0	\$0 \$0 Remaining: \$0 \$0	\$40,800 \$
alem	106486 Ed	TIP: Obligated: dy Ave Bike/P TIP:	\$0 \$40,800 Ped Bridge - Dav \$0	\$0 \$0 id Smith Trail; Ph \$0	\$0 \$0 ase 3A Roanoke \$0	\$0 \$0 River Greenway \$0	\$0 \$0 (0.0400 MI) \$0	\$0 \$0 \$0	\$0 \$0 \$0	\$0 \$0 Remaining: \$0	\$40,80 \$
	106486 Ed 0000	TIP: Obligated: dy Ave Bike/P TIP: Obligated:	\$0 \$40,800 Ped Bridge - Dav \$0 \$0	\$0 \$0 rid Smith Trail; Ph \$0 \$60,525	\$0 \$0 ase 3A Roanoke \$0 \$0	\$0 \$0 River Greenway \$0 \$0	\$0 \$0 (0.0400 MI) \$0 \$1,031,291	\$0 \$0 \$0	\$0 \$0 \$0	\$0 \$0 Remaining: \$0 \$0	\$40,80 \$
	106486 Ed	TIP: Obligated: dy Ave Bike/P TIP: Obligated:	\$0 \$40,800 'ed Bridge - Dav \$0 \$0 \$0	\$0 \$0 id Smith Trail; Ph \$0 \$60,525 ON ENHANCEME	\$0 \$0 ase 3A Roanoke \$0 \$0 NT/BYWAY/NON-	\$0 \$0 River Greenway \$0 \$0 TRADITIONAL S	\$0 \$0 (0.0400 MI) \$0 \$1,031,291 UBTOTAL	\$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0	\$0 \$0 Remaining: \$0 \$0 Remaining:	\$40,80 \$ \$1,091,81
	106486 Ed 0000	TIP: Obligated: dy Ave Bike/P TIP: Obligated: RUCTION : T TIP:	\$0 \$40,800 Ped Bridge - Dav \$0 \$0 \$0 RANSPORTATIO \$0	\$0 \$0 id Smith Trail; Ph \$0 \$60,525 ON ENHANCEMEI \$0	\$0 \$0 ase 3A Roanoke \$0 \$0 NT/BYWAY/NON- \$0	\$0 \$0 River Greenway \$0 \$0 TRADITIONAL S \$0	\$0 \$0 (0.0400 MI) \$0 \$1,031,291 UBTOTAL \$1,360,000	\$0 \$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0 \$0 \$0	\$0 \$0 Remaining: \$0 \$0 Remaining: \$0	\$40,80 \$ \$1,091,81 \$1,360,00
	106486 Ed 0000	TIP: Obligated: dy Ave Bike/P TIP: Obligated: TRUCTION : T TIP: Obligated:	\$0 \$40,800 Ped Bridge - Dav \$0 \$0 \$0 RANSPORTATIO \$0 \$1,164,375	\$0 \$0 id Smith Trail; Ph \$0 \$60,525 ON ENHANCEMEI \$0 \$135,974	\$0 \$0 ase 3A Roanoke \$0 \$0 NT/BYWAY/NON- \$0 \$0	\$0 \$0 River Greenway \$0 \$0 TRADITIONAL S \$0 \$0	\$0 \$0 (0.0400 MI) \$0 \$1,031,291 UBTOTAL \$1,360,000 \$5,539,131	\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0 \$0 \$0 \$0	\$0 \$0 Remaining: \$0 \$0 Remaining: \$0 \$0	\$40,80 \$ \$1,091,81 \$1,360,00 \$6,839,48
alem T	106486 Ed 0000	TIP: Obligated: dy Ave Bike/P TIP: Obligated: RUCTION : T TIP:	\$0 \$40,800 Ped Bridge - Dav \$0 \$0 \$0 RANSPORTATIO \$0	\$0 \$0 id Smith Trail; Ph \$0 \$60,525 ON ENHANCEMEI \$0	\$0 \$0 ase 3A Roanoke \$0 \$0 NT/BYWAY/NON- \$0	\$0 \$0 River Greenway \$0 \$0 TRADITIONAL S \$0	\$0 \$0 (0.0400 MI) \$0 \$1,031,291 UBTOTAL \$1,360,000	\$0 \$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0 \$0 \$0	\$0 \$0 Remaining: \$0 \$0 Remaining: \$0	\$40,800 \$40,800 \$1,091,810 \$1,360,000 \$6,839,480 (\$424,303

Locality	UPC / De	escription	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
			T991290	3 - Maintenanc	e · Preventive	• Maintenance	and System	Preservation			
Salem Distric	ct-wide		1001200			mannenanoe	and Oystern	i i coci valioni			
	105049	F15 District Wi	de Interstate Late	ex Schedule LM2/	A-962-F15 - Coun	ty MP 3.77; Count	tv MP 6.62 (2.87)	00 MI)			
	5049	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	InCO	Obligated:	\$329,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$329,000
		J	1		I		I			Remaining:	ţ
Roanoke Co	unty										
	105028	F-15 Plant Mix -	Roanoke Count	y - Primaries PM2	K-080-F15 - var	ious; various (4.06	600 MI)				
	5028	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	InCO	Obligated:	\$0	\$867,000	\$0	\$0	\$0	\$0	\$0	\$0	\$867,000
					-					Remaining:	*
Salem Distric	ct-wide										
	G722	STIP-MN Salem	: Preventive MN	and System Pres							
	0000	TIP:	\$0	\$8,525,000	\$0	\$0	\$0	\$0	\$0	\$0	\$8,525,000
			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		Obligated:	ψu								
		Obligated:	\$		I					Remaining:	\$8,525,000
		Ū I			· · ·					Remaining:	\$8,525,000
T	9912903 - MAI	NTENANCE : PF		_		RVATION SUBTO					
Ţ	9912903 - MAI	NTENANCE : PF TIP:	REVENTIVE MAIN \$0	\$8,525,000	\$0	\$0	\$0	\$0	\$0	\$0	\$8,525,000
T	9912903 - MAI	NTENANCE : PF TIP: Obligated:	REVENTIVE MAII \$0 \$329,000	\$8,525,000 \$867,000	\$0 \$0	\$0 \$0	\$0 \$0	\$0	\$0	\$0 \$0	\$8,525,000 \$1,196,000
T	9912903 - MAI	NTENANCE : PF TIP:	REVENTIVE MAIN \$0	\$8,525,000	\$0	\$0	\$0			\$0	\$8,525,000 \$8,525,000 \$1,196,000 \$0 \$7,329,000

				Funding S	ource/Amou	nt				
ocality	UPC / Description	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
		Т	9912904 - Mair	ntenance : Pre	eventive Mair	ntenance for I	Bridges			
alem Distric	ct-wide									
	G721 STIP-MN Salem	: Preventive MN	for Bridges - (T1-	4721)						
	0000 TIP:	\$0	\$11,426,000	\$0	\$0	\$0	\$711,000	\$0	\$0	\$12,137,00
	Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$
									Remaining:	\$12,137,00
T	9912904 - MAINTENANCE : P	REVENTIVE MAI	NTENANCE FOR	BRIDGES SUBT	OTAL					
	TIP:	\$0	\$11,426,000	\$0	\$0	\$0	\$711,000	\$0	\$0	\$12,137,00
	Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$
	Released:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$
								-	Remaining:	\$12,137,00

Roanoke MPO Study Area

Federal Obligated Funds: 10/01/2016 - 09/30/2017

	LIDC / Departmetics		CTD/CTDC		ource/Amoun		DDOC	DEMO	CAFE	TOTAL
Locality	UPC / Description	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
			T9912905 - M	Maintenance :	Traffic and Sa	afety Operatio	ns			
Salem Distri	ct-wide									
	103810 FY14 Pavemen	t Marking Task #9	62-2: Interstate	81 & 77 - Interstat	te 81 (MM 87.4 - 1	74.3); Interstate 7	7 (MM 0 - 24.3) (()		
	0081 TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	InCO Obligated:	\$43,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$43,000
									Remaining:	*
Salem Distri	ct-wide									
	G720 STIP-MN Salem	. Traffic and Safe	ty Operations -	(744720)						
		i. Trainc and Sale		(114720)						
	0000 TIP:	\$0	\$1,000,000	(114720) \$0	\$0	\$0	\$0	\$0	\$0	\$1,000,000
		\$0			\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	
	0000 TIP:	\$0	\$1,000,000	\$0	· ·					\$0
	0000 TIP:	\$0	\$1,000,000	\$0	· ·				\$0	\$0
т	0000 TIP:	\$0 \$0	\$1,000,000 \$0	\$0 \$0	· · ·				\$0	\$0
Т	0000 TIP: Obligated:	\$0 \$0 RAFFIC AND SAF	\$1,000,000 \$0	\$0 \$0	· · ·				\$0	\$0 \$1,000,000
Т	0000 TIP: Obligated: 79912905 - MAINTENANCE : T	\$0 \$0 RAFFIC AND SAF \$0	\$1,000,000 \$0 ETY OPERATION	\$0 \$0	\$0	\$0	\$0	\$0	\$0 Remaining:	\$0 \$1,000,000 \$1,000,000
Т	0000 TIP: Obligated: 79912905 - MAINTENANCE : T TIP:	\$0 \$0 RAFFIC AND SAF \$0 \$43,000	\$1,000,000 \$0 ETY OPERATION \$1,000,000	\$0 \$0 NS SUBTOTAL \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 Remaining: \$0	\$1,000,000 \$0 \$1,000,000 \$1,000,000 \$43,000 \$0

Roanoke MPO Study Area

Federal Obligated Funds: 10/01/2016 - 09/30/2017

		oorintier	NHS/NHP	STP/STBG	Funding S EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
ocality	UPC / De	escription							DEIVIO	SAFE	TOTAL
			Т9	912906 - Cons ⁻	truction : Safe	ety/ITS/Opera	tional Improv	ements			
Botetourt Co	•										
	104048			state 81 - NB at MM							
	0081		\$0		\$0	\$0	\$0	\$0	\$0	\$0	9
	InCO	Obligated:	\$14,822	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$14,82
										Remaining:	
Roanoke Co	ounty										
	99542			Facility Expansio			•				
	0081		\$0		\$0	\$0	\$1,157,936	\$0	\$0	\$0	\$1,157,93
		Obligated:	\$0	\$270,000	\$0	\$0	\$1,565,551	\$0	\$0	\$0	\$1,835,55
										Remaining:	
alem Distri											
				ARIOUS; VARIOU		•	•	•	•		
	0081	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	e.
			• • • • • •	• 1		•			•		
	InCO		\$134,078	\$0	\$31,116	\$0	\$0	\$0	\$0	\$0	\$165,19
otetourt Co	InCO		\$134,078	\$0	\$31,116	\$0	\$0	\$0	\$0	\$0 Remaining:	\$165,1
Botetourt Co	InCO	Obligated: #SGR FY17 SG TIP:	R I-81 NB Bote. (\$0	Co. Concrete Unde	ersealing - MM 14 \$0	49.5 / S. END RAI \$0	LROAD OVERP	ASS; SOUTH EN \$0	ID OF RTE. 779 C \$0	Remaining: DVERPASS (2.100 \$0	DO MI)
Botetourt Co	InCO Dunty 106737	Obligated: #SGR FY17 SG	R I-81 NB Bote. (Co. Concrete Unde	ersealing - MM 14	49.5 / S. END RAI	LROAD OVERP	ASS; SOUTH EN	ID OF RTE. 779 C	Remaining: OVERPASS (2.10) \$0 \$0 \$0 \$0	Do MI)
	InCO ounty 106737 6737	Obligated: #SGR FY17 SG TIP:	R I-81 NB Bote. (\$0	Co. Concrete Unde	ersealing - MM 14 \$0	49.5 / S. END RAI \$0	LROAD OVERP	ASS; SOUTH EN \$0	ID OF RTE. 779 C \$0	Remaining: DVERPASS (2.100 \$0	DO MI)
	InCO punty 106737 6737 ct-wide	Obligated: #SGR FY17 SG TIP: Obligated:	R I-81 NB Bote. (\$0 \$1,213,309	Co. Concrete Unde \$0 \$0	ersealing - MM 14 \$0 \$0	49.5 / S. END RAI \$0 \$0	LROAD OVERP \$0 \$0	ASS; SOUTH EN \$0	ID OF RTE. 779 C \$0	Remaining: OVERPASS (2.10) \$0 \$0 \$0 \$0	DO MI)
Botetourt Co Balem Distri	InCO punty 106737 6737 ct-wide 107099	Obligated: #SGR FY17 SG TIP: Obligated: Districtwide Bu	R I-81 NB Bote. (\$0 \$1,213,309 ckle-Up Signing	Co. Concrete Unde \$0 \$0 Safety Improveme	ersealing - MM 14 \$0 \$0 ent - Salem - VAF	49.5 / S. END RAI \$0 \$0 RIOUS; VARIOUS	LROAD OVERP \$0 \$0	ASS; SOUTH EN \$0 \$0	ID OF RTE. 779 C \$0 \$0	Remaining: DVERPASS (2.100 \$0 \$0 Remaining:	DO MI) \$1,213,30
	InCO ounty 106737 6737 ct-wide 107099 9999	Obligated: #SGR FY17 SG TIP: Obligated: Districtwide Bu TIP:	R I-81 NB Bote. (\$0 \$1,213,309 ckle-Up Signing \$0	Co. Concrete Unde \$0 \$0 Safety Improveme \$0	ersealing - MM 14 \$0 \$0 ent - Salem - VAF \$0	49.5 / S. END RAI \$0 \$0 RIOUS; VARIOUS \$0	LROAD OVERP \$0 \$0 5 () \$0	ASS; SOUTH EN \$0 \$0 \$0	ID OF RTE. 779 C \$0 \$0 \$0	Remaining: DVERPASS (2.100 \$0 \$0 Remaining:	00 MI) \$1,213,30
	InCO punty 106737 6737 ct-wide 107099	Obligated: #SGR FY17 SG TIP: Obligated: Districtwide Bu TIP: Obligated:	R I-81 NB Bote. (\$0 \$1,213,309 ckle-Up Signing \$0 \$0	Co. Concrete Unde \$0 \$0 Safety Improveme \$0 \$0	ersealing - MM 14 \$0 \$0 ent - Salem - VAF \$0 \$0	49.5 / S. END RAI \$0 \$0 RIOUS; VARIOUS \$0 \$0	LROAD OVERP/ \$0 \$0 \$() \$0 \$0 \$0	ASS; SOUTH EN \$0 \$0 \$0 \$0 \$0	ID OF RTE. 779 C \$0 \$0 \$0 \$0 \$0	Remaining: DVERPASS (2.100 \$0 \$0 Remaining: \$0 \$0 \$0 \$0 \$0	00 MI) \$1,213,30
	InCO ounty 106737 6737 ct-wide 107099 9999	Obligated: #SGR FY17 SG TIP: Obligated: Districtwide Bu TIP:	R I-81 NB Bote. (\$0 \$1,213,309 ckle-Up Signing \$0	Co. Concrete Unde \$0 \$0 Safety Improveme \$0 \$0	ersealing - MM 14 \$0 \$0 ent - Salem - VAF \$0	49.5 / S. END RAI \$0 \$0 RIOUS; VARIOUS \$0	LROAD OVERP \$0 \$0 5 () \$0	ASS; SOUTH EN \$0 \$0 \$0	ID OF RTE. 779 C \$0 \$0 \$0	Remaining: DVERPASS (2.100 \$0	DO MI) \$1,213,30
Salem Distri	InCO ounty 106737 6737 ct-wide 107099 9999 InCO	Obligated: #SGR FY17 SG TIP: Obligated: Districtwide Bu TIP: Obligated:	R I-81 NB Bote. (\$0 \$1,213,309 ckle-Up Signing \$0 \$0	Co. Concrete Unde \$0 \$0 Safety Improveme \$0 \$0	ersealing - MM 14 \$0 \$0 ent - Salem - VAF \$0 \$0	49.5 / S. END RAI \$0 \$0 RIOUS; VARIOUS \$0 \$0	LROAD OVERP/ \$0 \$0 \$() \$0 \$0 \$0	ASS; SOUTH EN \$0 \$0 \$0 \$0 \$0	ID OF RTE. 779 C \$0 \$0 \$0 \$0 \$0	Remaining: DVERPASS (2.100 \$0 \$0 Remaining: \$0 \$0 \$0 \$0 \$0	
	InCO ounty 106737 6737 ct-wide 107099 9999 InCO ct-wide	Obligated: #SGR FY17 SG TIP: Obligated: Districtwide Bu TIP: Obligated: Released:	R I-81 NB Bote. (\$0 \$1,213,309 ckle-Up Signing \$0 \$0 \$0	Co. Concrete Unde \$0 \$0 \$0 Safety Improveme \$0 \$0 (\$289,392)	ersealing - MM 14 \$0 \$0 ent - Salem - VAF \$0 \$0	49.5 / S. END RAI \$0 \$0 RIOUS; VARIOUS \$0 \$0	LROAD OVERP/ \$0 \$0 \$() \$0 \$0 \$0	ASS; SOUTH EN \$0 \$0 \$0 \$0 \$0	ID OF RTE. 779 C \$0 \$0 \$0 \$0 \$0	Remaining: DVERPASS (2.100 \$0	00 MI) \$1,213,30
Salem Distri	InCO punty 106737 6737 ct-wide 107099 9999 InCO ct-wide 109556	Obligated: #SGR FY17 SG TIP: Obligated: Districtwide Bu TIP: Obligated: Released: Safety Prescop	R I-81 NB Bote. (\$0 \$1,213,309 ckle-Up Signing \$0 \$0 \$0 \$0	Co. Concrete Unde \$0 \$0 \$0 Safety Improveme \$0 \$0 (\$289,392)	ersealing - MM 14 \$0 \$0 \$0 ent - Salem - VAF \$0 \$0 \$0 \$0	49.5 / S. END RAI \$0 \$0 \$0 RIOUS; VARIOUS \$0 \$0 \$0 \$0	LROAD OVERPA \$0 \$0 \$0 \$0 \$0 \$0 \$0	ASS; SOUTH EN \$0 \$0 \$0 \$0 \$0 \$0	ID OF RTE. 779 C \$0 \$0 \$0 \$0 \$0 \$0	Remaining:	00 MI) \$1,213,3(\$ \$ (\$289,39
Salem Distri	InCO ounty 106737 6737 ct-wide 107099 9999 InCO ct-wide	Obligated: #SGR FY17 SG TIP: Obligated: Districtwide Bu TIP: Obligated: Released: Safety Prescop	R I-81 NB Bote. (\$0 \$1,213,309 ckle-Up Signing \$0 \$0 \$0	Co. Concrete Unde \$0 \$0 \$0 Safety Improveme \$0 (\$289,392) (\$289,392) \$0 \$0	ersealing - MM 14 \$0 \$0 ent - Salem - VAF \$0 \$0	49.5 / S. END RAI \$0 \$0 RIOUS; VARIOUS \$0 \$0	LROAD OVERP/ \$0 \$0 \$() \$0 \$0 \$0	ASS; SOUTH EN \$0 \$0 \$0 \$0 \$0	ID OF RTE. 779 C \$0 \$0 \$0 \$0 \$0	Remaining: DVERPASS (2.100 \$0	00 MI) \$1,213,30 \$ \$

0011 Oblig Roanoke 109562 Flashing 0019 Oblig Bedford County 107053 Rt. 24 Be 0024 Oblig Roanoke 109567 Flashing 0024 Oblig Bedford County 107063 Rt. 221 B 0221	g Yellow Arrow		STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
109558 Flashing 0011 Oblig Roanoke 109562 Flashing 0019 Oblig Bedford County 107053 Rt. 24 Be 0024 Oblig Roanoke 109567 Flashing 0024 Oblig Bedford County 107063 Rt. 221 B 0221	-									
0011 Oblig Roanoke 109562 Flashing 0019 Oblig Bedford County 107053 Rt. 24 Be 0024 Oblig Roanoke 109567 Flashing 0024 Oblig Bedford County 107063 Rt. 221 B 0221	-									
Roanoke 109562 Flashing 0019 Oblig Bedford County 107053 Rt. 24 Be 0024 Oblig Roanoke 109567 Flashing 0024 Oblig Bedford County 107063 Rt. 221 B 0221				•			¢0	¢0	¢0	<u> </u>
Roanoke 109562 Flashing 0019 Oblig Bedford County 107053 Rt. 24 Be 0024 Oblig Roanoke 109567 Flashing 0024 Oblig Bedford County 107063 Rt. 221 B 0221		\$0 \$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$
109562 Flashing 0019 Oblig Bedford County 107053 Rt. 24 Be 0024 Oblig Roanoke 109567 Flashing 0024 Oblig Bedford County 107063 Rt. 221 B 0221	ligated:	\$0	\$20,251	\$0	\$0	\$0	\$0	\$0	\$0	\$20,25
109562 Flashing 0019 Oblig Bedford County 107053 Rt. 24 Be 0024 Oblig Roanoke 109567 Flashing 0024 Oblig Bedford County 107063 Rt. 221 B 0221								R	emaining:	
0019 Oblig Bedford County 107053 Rt. 24 Be 0024 Oblig Roanoke 109567 Flashing 0024 Oblig Bedford County 107063 Rt. 221 B 0221										
Oblig Bedford County 107053 Rt. 24 Be 0024 Oblig Roanoke 109567 Flashing 0024 Oblig Bedford County 107063 Rt. 221 B 0221	-		•	lley View Blvd. N			\$ 2	* 0	\$ 2	
Bedford County 107053 Rt. 24 Be 0024 Oblig Roanoke 109567 Flashing 0024 Oblig Bedford County 107063 Rt. 221 B 0221	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$
107053 Rt. 24 Be 0024 Oblig Roanoke 109567 Flashing 0024 Oblig Bedford County 107063 Rt. 221 B 0221	ligated:	\$0	\$21,561	\$0	\$0	\$0	\$0	\$0	\$0	\$21,56
107053 Rt. 24 Be 0024 Oblig Roanoke 109567 Flashing 0024 Oblig Bedford County 107063 Rt. 221 B 0221								R	emaining:	
0024 Oblig Roanoke 109567 Flashing 0024 Oblig Bedford County 107063 Rt. 221 B 0221										
oanoke 109567 Flashing 0024 Oblig edford County 107063 Rt. 221 B 0221	TIP:	\$0 \$0	\$0 \$1,512,927	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	¢1 512 02
109567 Flashing 0024 Oblig Bedford County 107063 Rt. 221 B 0221	ligated:	Ф О	\$1,512,927	\$U	\$U	\$0	Ф О			\$1,512,92
109567 Flashing 0024 Oblig Bedford County 107063 Rt. 221 B 0221								K	emaining:	
0024 Oblig Bedford County 107063 Rt. 221 B 0221		llnarado -	lefferson St & F	Elm Ave Elm Av	onuo: lofforson	Street ()				
Oblig Bedford County 107063 Rt. 221 B 0221	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$
3edford County 107063 Rt. 221 B 0221	ligated:	\$0	\$9,749	\$0	\$0	\$0	\$0	\$0	\$0	\$9,74
107063 Rt. 221 B 0221	ingateu.	4 0	¢0,1.10	\$	\$	\$	\$		emaining:	φ0,1 4
107063 Rt. 221 B 0221									emanning.	
0221	Bedford Co E	Bike & Ped S	Safety Improvem	ents - 0.09 miles	North of Route	049: 0.06 miles	South of Route	621 ()		
Oblig	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	ligated:	\$0	\$100,000	\$0	\$0	\$0	\$0	\$0	\$0	\$100,000
	5							R	emaining:	
Roanoke County										
-	311 - Roanoke (County - Peo	destrian Safety Ir	nprovements - N	CL Salem; 0.02	Mile North of I-81	I SB Ramp (0.09	00 MI)		
0311	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$
Oblig		\$0	\$574,248	\$0	\$0	\$0	\$0	\$0	\$0	\$574,248

Roanoke County 111407 #SMART18 - Rte 421 Adaptive Traffic Control - Rte 221; Rte 419 () 0419 TIP: S0	ocality	UPC / Des	scription	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
111407 #SMART18 - Rte 419 & Rte 221 Adaptive Traffic Control - Rte 221; Rte 419 () 0419 Til: Obligate: S0			Scription		011/0120	LD/MO	UNIAG	Kon	BROO	DEMO		TOTAL
0419 TIP: Obligated: So So <thso< th=""> So</thso<>	coanoke Col	•		440.0 54.004			D(. 440 ()					
Obligated: \$27,500 \$00 \$00 \$00 \$00 \$00 \$27,50 Remaining: RTE 460 - Upgrade Traffic Signal at 13th Street - Route 460; 13th Street (0.0500 MI) 0460 TIP: \$0 \$00					•			¢ 0	¢0	¢ 0	ድር	¢
		0419	-									\$ \$
toonoke 100659 RFL 460 Upgrade Traffic Signal at 13th Street - Route 460; 13th Street (0.0500 MI) 0460 TIP: \$0			Obligated:	\$27,500	\$0	\$0	\$U	\$0	Ф О	\$0		\$27,50
NTE 460 - Upgrade Traffic Signal at 13th Street - Route 460; 13th Street (0.0500 MI) 0460 TIP: S0 S0 <td>oanoko</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Remaining:</td> <td></td>	oanoko										Remaining:	
0460 InCO TIP: Obligated: S0 S0 S0 S0 <ths0 S0 S0 S0 S0 S0<td>Controle</td><td>100650</td><td>DTE 460 - Upar</td><td>ado Traffic Signa</td><td>al at 13th Streat -</td><td>Pouto 460: 13th</td><td>Stroot (0.0500 MI)</td><td></td><td></td><td></td><td></td><td></td></ths0 	Controle	100650	DTE 460 - Upar	ado Traffic Signa	al at 13th Streat -	Pouto 460: 13th	Stroot (0.0500 MI)					
InCO Obligated: Released: \$0<									02	\$0	\$0	\$
Released: S0 (\$46,058) S0 S0 <ths0< th=""> <ths0< th=""> S0</ths0<></ths0<>												\$
Remaining: Salem District-wide 108695 ADA COMPLIANCE SALEM DISTRICT - VARIOUS; VARIOUS () 9999 TIP: \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$												
Roanoke 109566 Orange Avenue/ Blue Hills Signal Upgrade - City of Roanoke - Orange Avenue; Blue Hills () 0460 TIP: \$0			Keleaseu.	φ٥	(\$40,000)	φυ	φΰ	φυ	φυ	φυ		(\$+0,050
109566 Orange Avenue/ Blue Hills Signal Upgrade - City of Roanoke - Orange Avenue; Blue Hills () 0460 TIP: \$0	Roanoke										Remaining.	
0460 TIP: \$0 <th< td=""><td>tourione</td><td>109566</td><td>Orange Avenue</td><td>/ Blue Hills Sign</td><td>al Upgrade - City</td><td>of Roanoke - Ora</td><td>ange Avenue: Blu</td><td>e Hills ()</td><td></td><td></td><td></td><td></td></th<>	tourione	109566	Orange Avenue	/ Blue Hills Sign	al Upgrade - City	of Roanoke - Ora	ange Avenue: Blu	e Hills ()				
Obligated: S0 \$9,749 S0 S0 S0 S0 S0 S0 \$9,74 Salem District-wide Remaining: 108695 ADA COMPLIANCE SALEM DISTRICT - VARIOUS; VARIOUS () - </td <td></td> <td></td> <td>-</td> <td>-</td> <td></td> <td></td> <td></td> <td></td> <td>\$0</td> <td>\$0</td> <td>\$0</td> <td>\$</td>			-	-					\$0	\$0	\$0	\$
Salem District-wide Remaining: 108695 ADA COMPLIANCE SALEM DISTRICT - VARIOUS; VARIOUS () 9999 TIP: \$0 </td <td></td> <td>•••••</td> <td>-</td> <td>\$0</td> <td>\$9,749</td> <td>\$0</td> <td></td> <td>\$0</td> <td>\$0</td> <td></td> <td>\$0</td> <td>\$9,749</td>		•••••	-	\$0	\$9,749	\$0		\$0	\$0		\$0	\$9,749
Salem District-wide 108695 ADA COMPLIANCE SALEM DISTRICT - VARIOUS; VARIOUS () 9999 TIP: \$0 <t< td=""><td></td><td></td><td>o angato an</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>Remaining:</td><td>÷-,</td></t<>			o angato an								Remaining:	÷-,
9999 TIP: \$0 <th< td=""><td>Salem Distric</td><td>t-wide</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></th<>	Salem Distric	t-wide										
9999 TIP: \$0 \$199,47 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$199,47 \$0		108695	ADA COMPLIAN	ICE SALEM DIS	TRICT - VARIOUS	S; VARIOUS ()						
Roanoke 111360 Franklin Road Sidewalk Improvements- Rt. 220 B- Roanoke City - 3100 Block; 3700 Block () Remaining: 0220 TIP: \$0							\$0	\$0	\$0	\$0	\$0	\$0
Remaining: Remaining: Remaining: Remaining: 0220 TIP: \$0			Obligated:	\$0	\$199,475	\$0	\$0	\$0	\$0	\$0	\$0	\$199,47
111360 Franklin Road Sidewalk Improvements- Rt. 220 B- Roanoke City - 3100 Block; 3700 Block () 0220 TIP: \$0											Remaining:	
0220 TIP: \$0 \$111,63 \$0 \$0 \$0 \$0 \$0 \$0 \$111,63 \$0 \$0 \$0 \$0 \$0 \$111,63 \$0 \$0 \$0 \$0 \$0 \$111,63 \$0 \$0 \$0 \$0 \$0 \$0 \$111,63 \$0 \$0 \$0 \$0 \$111,63 \$0	Roanoke											
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Roanoke Remaining: 80558 RTE. U000 - CORRIDOR IMPROVEMENTS ON HERSHBERGER ROAD - Cove Road; Rutgers St. (0.0000 MI) 0558 TIP: \$0 <		0220	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Roanoke 80558 RTE. U000 - CORRIDOR IMPROVEMENTS ON HERSHBERGER ROAD - Cove Road; Rutgers St. (0.0000 MI) 0558 TIP: \$0 <t< td=""><td></td><td></td><td>Obligated:</td><td>\$0</td><td>\$111,631</td><td>\$0</td><td>\$0</td><td>\$0</td><td>\$0</td><td>\$0</td><td>\$0</td><td>\$111,63⁻</td></t<>			Obligated:	\$0	\$111,631	\$0	\$0	\$0	\$0	\$0	\$0	\$111,63 ⁻
80558 RTE. U000 - CORRIDOR IMPROVEMENTS ON HERSHBERGER ROAD - Cove Road; Rutgers St. (0.0000 MI) 0558 TIP: \$0											Remaining:	
0558 TIP: \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	Roanoke											
		80558	RTE. U000 - CO	RRIDOR IMPRO								
InCO Obligated: \$0 \$23,760 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0		0558	TIP:			\$0				\$0		\$
		InCO	Obligated:	\$0	\$23,760	\$0	\$0	\$0	\$0	\$0	\$0	\$23,760

		and a the sec				ource/Amoun		DDOO	DEMO	0455	TOTAL
Locality	UPC / Des	scription	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
Roanoke											
	111370 #	SMART18 - Ho	llins Rd & Orang	e Ave Intersection	n Improvements	- Orange Ave; Ho	ollins Rd (0.2000	MI)			
	0460	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$
		Obligated:	\$305,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$305,00
										Remaining:	
alem											
			N TO 3 LANES V	VITH CURB & SID	EWALK - ROUTE	E 311 - THOMPSC	N MEMORIAL B	LVD; 0.05 MILE	EAST INTERSEC	TION KESSLER	MILL ROAD
		0.5473 MI)	¢o	¢400.044	¢0	¢0	¢0	¢0	¢o	¢0	¢400.04
	0460	TIP:	\$0	\$193,244	\$0	\$0	\$0	\$0	\$0	\$0	\$193,24
	InCO	Obligated:	\$1,456,492	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,456,492
										Remaining:	
/inton											
				/, Stripe, Xwalks 8				• -	• • •	• -	
	5213	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$(
		Obligated:	\$0	\$0	\$0	\$0	\$2,400	\$0	\$0	\$0	\$2,400
										Remaining:	
/inton											
				rovement at 8th St		• •					
	0000	TIP:	\$0	\$0	\$0	\$0	\$417,600	\$0	\$0	\$0	\$417,600
		Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$(
										Remaining:	\$417,60
Bedford Cou	•										
	18728 F	RTE 619 - RECC		RSECTION - ROU			TERSECTION O		•		
	0619	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	InCO	Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
										Remaining:	
Roanoke Co	unty										
	15190 F	RTE 688 - RECC	INSTRUCTION -	0.056 MILE SOUT	H ROUTE 221; 0	.105 MILE SOUTI	H ROUTE 934 (0.	.6566 MI)			
	0688	TIP:	\$0	\$252,787	\$0	\$0	\$0	\$0	\$0	\$0	\$252,78
	InCO	Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	1100	Obligated.	φυ	φυ	φυ	φu	φυ	φυ	φυ	φυ	ψ

ocality	LIPC / De	escription	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
	UPC / De	scription	NH3/NHF	317/3160	ED/IVIG	CINIAQ	NOIF	BRUS	DEIVIO	SAFE	TOTAL
oanoke											
	109569			- Brandon Ave. &							
	8029	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$
		Obligated:	\$0	\$21,690	\$0	\$0	\$0	\$0	\$0	\$0	\$21,69
										Remaining:	
oanoke City											
	105019	Downtown Roar	noke Signal Coo	rdination - Roand	oke; Roanoke (🛛						
	0000	TIP:	\$0	\$0	\$0	\$0	\$240,000	\$0	\$0	\$0	\$240,00
		Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$
		Obligated.	ΨΟ	ΨΟ	ψů	ΨΟ	+ -	+ -	+ -	· · ·	Ψ
		Obligated.	ΨŬ	¢0	\$	\$				Remaining:	
Salem District-	wide	Obligated.	ΨŬ	ΨŬ	\$	\$				Remaining:	
Salem District-	wide 104672		·	ellow Arrows Dist	· .		ide; various rou			Remaining:	
alem District-		VARI. RTES In	·		· .		ide; various rou \$0			Remaining:	\$240,00
Galem District-	104672	VARI. RTES In TIP:	stall Flashing Y	ellow Arrows Dist	trictiwde - variou	s routes districtw		tes districtwide	()		\$240,00 \$
alem District-	104672 4672	VARI. RTES In TIP: Obligated:	stall Flashing Y \$0	ellow Arrows Dist	trictiwde - variou	s routes districtw \$0	\$0	tes districtwide	()	\$0	\$240,000 \$0 \$0 \$0
alem District-	104672 4672	VARI. RTES In TIP:	stall Flashing Y \$0 \$0	ellow Arrows Dist \$0 \$0	trictiwde - variou \$0 \$0	s routes districtw \$0 \$0	\$0 \$0	tes districtwide \$0 \$0	() \$0 \$0	\$0 \$0 \$0	\$240,00
Galem District-	104672 4672	VARI. RTES In TIP: Obligated:	stall Flashing Y \$0 \$0	ellow Arrows Dist \$0 \$0	trictiwde - variou \$0 \$0	s routes districtw \$0 \$0	\$0 \$0	tes districtwide \$0 \$0	() \$0 \$0	\$0 \$0	\$240,000 \$6 \$6
	104672 4672 InCO	VARI. RTES In TIP: Obligated: Released:	stall Flashing Y \$0 \$0 \$0	ellow Arrows Dist \$0 \$0 (\$4,985)	trictiwde - variou \$0 \$0 \$0	s routes districtw \$0 \$0 \$0	\$0 \$0	tes districtwide \$0 \$0	() \$0 \$0	\$0 \$0 \$0	\$240,00 \$ \$ \$
	104672 4672 InCO	VARI. RTES In TIP: Obligated: Released: NSTRUCTION : S	stall Flashing Y \$0 \$0 \$0 \$0	ellow Arrows Dist \$0 \$0 (\$4,985) RATIONAL IMPR	trictiwde - variou \$0 \$0 \$0 \$0	s routes districtw \$0 \$0 \$0 \$0	\$0 \$0 \$0	tes districtwide \$0 \$0 \$0	() \$0 \$0 \$0	\$0 \$0 \$0 Remaining:	\$240,00 \$ \$ (\$4,985
	104672 4672 InCO	VARI. RTES In TIP: Obligated: Released: NSTRUCTION : S TIP:	stall Flashing Y \$0 \$0 \$0 \$0 \$0 AFETY/ITS/OPE \$0	ellow Arrows Dist \$0 \$0 (\$4,985) RATIONAL IMPR \$446,031	trictiwde - variou \$0 \$0 \$0 \$0 OVEMENTS SUE \$0	s routes districtw \$0 \$0 \$0 \$1 STOTAL \$0	\$0 \$0 \$0 \$1,815,536	tes districtwide \$0 \$0 \$0 \$0	() \$0 \$0 \$0 \$0	\$0 \$0 \$0 Remaining: \$0	\$240,00 \$ \$ (\$4,985 \$ \$2,261,56
	104672 4672 InCO	VARI. RTES In TIP: Obligated: Released: NSTRUCTION : S	stall Flashing Y \$0 \$0 \$0 \$0	ellow Arrows Dist \$0 \$0 (\$4,985) RATIONAL IMPR	trictiwde - variou \$0 \$0 \$0 \$0	s routes districtw \$0 \$0 \$0 \$0	\$0 \$0 \$0	tes districtwide \$0 \$0 \$0	() \$0 \$0 \$0	\$0 \$0 \$0 Remaining:	\$240,00 \$ \$ \$

Roanoke MPO Study Area

Federal Obligated Funds: 10/01/2016 - 09/30/2017

_ocality	UPC / Description	NHS/NHP	STP/STBG	EB/MG	Source/Amour CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
	or cr Description					-			SAFE	TOTAL
		T9912907	7 - Constructio	n : Bridge Re	habilitation/R	eplacement/R	econstructio	n		
Botetourt Co	-									
		PLACE STRUCTUR					• •	*	A a	^ ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
		P: \$1,835,199	. , ,	\$0	\$0	\$0	\$31,899	\$0	\$0	\$3,334,3
	Obligate	:d: \$1,795,160	\$1,254,825	\$0	\$0	\$0	\$27,539	\$0	\$0	\$3,077,52
									Remaining:	\$256,78
Botetourt Co	•						· (0.0000 MII)			
	77302 RTE 11 - REI 0011 T	PLACE STRUCTUR \$2,550,853		CREEK (STR# 10 \$0	513) - 0.38 MILE 1 \$0	S0	2 (0.0900 MI) \$0	\$0	\$0	\$2,766,8
	Obligate			\$0	\$0	\$0	\$684,815	\$0	\$0	\$2,433,22
	Obligate	φ1,703,300	<i>\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\</i>	ψυ	ψυ	ψυ	φ00 4 ,013	ψυ	Remaining:	\$333,58
Roanoke Co	untv								Kemannig.	ψ000,00
	-		ENT OVER BACK	CREEK - 0 10 M		TE 939 (0 3100 N	II)			
	0116 T			\$0	\$0	\$0	\$2,738,652	\$0	\$0	\$2,738,6
	Obligate			\$0	\$0	\$0	\$0	\$0	\$0	\$2,323,7
			I							
									Remaining:	\$414.80
loanoke Co	unty								Remaining:	\$414,80
Roanoke Co	•	BRIDGE OVER BA	ACK CREEK - STR	UCTURE #1039	- 4.45 MI ROUTE	419; 3.68 MI FRA		′ LINE (0.5310 M		\$414,8
Roanoke Co	•			UCTURE #1039 \$0	- 4.45 MI ROUTE	419; 3.68 MI FRA \$0	NKLIN COUNTY	<mark>′ LINE (0.5310 M</mark> \$0		
≀oanoke Co	82193 ROUTE 220 -	P: \$0	\$0					•	I)	\$
≀oanoke Co	82193 ROUTE 220 - 0220 T	P: \$0	\$0	\$0	\$0	\$0	\$0	\$0	I) \$0	\$
	82193 ROUTE 220 0220 T Obligate	P: \$0 sd: \$7,323,326	\$0 \$1,820,766	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0	I) \$0 \$0	\$
	82193 ROUTE 220 T 0220 T Obligate 110574 #SGR - Appe	P: \$0 sd: \$7,323,326	\$0 \$1,820,766 Replacement - Eas	\$0 \$0 st Riverside Driv	\$0 \$0 re; Route 419 - El	\$0 \$0 ectric Road (0.09	\$0 \$0	\$0 \$0	I) \$0 Remaining:	\$9,144,09
	82193 ROUTE 220 0220 T Obligate	P: \$0 \$7,323,326 erson Drive Bridge P: \$0	\$0 \$1,820,766 Replacement - Ea: \$0	\$0 \$0 st Riverside Driv \$0	\$0 \$0 re; Route 419 - El \$0	\$0 \$0 ectric Road (0.09 \$0	\$0 \$0 900 MI) \$0	\$0 \$0 \$0	I) \$0 \$0 Remaining: \$0	\$9,144,05
Roanoke Co Salem	82193 ROUTE 220 T 0220 T Obligate 110574 #SGR - Appe	P: \$0 sd: \$7,323,326 erson Drive Bridge P: \$0	\$0 \$1,820,766 Replacement - Ea: \$0	\$0 \$0 st Riverside Driv	\$0 \$0 re; Route 419 - El	\$0 \$0 ectric Road (0.09	\$0 \$0	\$0 \$0	I) \$0 \$0 Remaining: \$0 \$0	\$414,86 \$ \$9,144,09 \$ 280,00
	82193 ROUTE 220 - 0220 Ti Obligate 110574 #SGR - Appe 0011 Ti	P: \$0 sd: \$7,323,326 erson Drive Bridge P: \$0	\$0 \$1,820,766 Replacement - Ea: \$0	\$0 \$0 st Riverside Driv \$0	\$0 \$0 re; Route 419 - El \$0	\$0 \$0 ectric Road (0.09 \$0	\$0 \$0 900 MI) \$0	\$0 \$0 \$0	I) \$0 \$0 Remaining: \$0 \$0	\$9,144,
alem	82193 ROUTE 220 - 0220 T Obligate 110574 #SGR - Appe 0011 T Obligate	P: \$0 sd: \$7,323,326 erson Drive Bridge P: \$0	\$0 \$1,820,766 Replacement - Ea: \$0	\$0 \$0 st Riverside Driv \$0	\$0 \$0 re; Route 419 - El \$0	\$0 \$0 ectric Road (0.09 \$0	\$0 \$0 900 MI) \$0	\$0 \$0 \$0	I) \$0 \$0 Remaining: \$0	\$9,144,C
alem	82193 ROUTE 220 0220 T Obligate 110574 #SGR - Appe 0011 T Obligate	P: \$0 \$7,323,326 erson Drive Bridge P: \$0 sd: \$0	\$0 \$1,820,766 Replacement - Ea: \$0 \$280,000	\$0 \$0 st Riverside Driv \$0 \$0	\$0 \$0 re; Route 419 - El \$0 \$0	\$0 \$0 ectric Road (0.09 \$0 \$0	\$0 \$0 000 MI) \$0 \$0	\$0 \$0 \$0 \$0	I) \$0 \$0 Remaining: \$0 \$0 Remaining:	\$9,144,0 \$280,0
alem	82193 ROUTE 220 0220 T Obligate 110574 #SGR - Appe 0011 T Obligate	P: \$0 sd: \$7,323,326 erson Drive Bridge P: \$0	\$0 \$1,820,766 Replacement - Ea: \$0 \$280,000	\$0 \$0 st Riverside Driv \$0 \$0	\$0 \$0 re; Route 419 - El \$0 \$0	\$0 \$0 ectric Road (0.09 \$0 \$0	\$0 \$0 000 MI) \$0 \$0	\$0 \$0 \$0 \$0	I) \$0 \$0 Remaining: \$0 \$0 Remaining:	\$9,144,0 \$280,0
Salem	82193 ROUTE 220 0220 T Obligate 110574 #SGR - Appe 0011 T Obligate	P: \$0 sd: \$7,323,326 erson Drive Bridge P: sd: \$0 sd: \$0	\$0 \$1,820,766 Replacement - Ea: \$0 \$280,000 REPLACEMENT (\$0 \$0 st Riverside Driv \$0 \$0	\$0 \$0 re; Route 419 - El \$0 \$0	\$0 \$0 ectric Road (0.09 \$0 \$0	\$0 \$0 000 MI) \$0 \$0	\$0 \$0 \$0 \$0	I) \$0 \$0 Remaining: \$0 \$0 Remaining:	\$9,144,0 \$9,144,0 \$280,0 \$280,0 390) (0.3100 M
	82193 ROUTE 220 0220 T Obligate 110574 #SGR - Appe 0011 T Obligate Inty 62650 RTE 634 - H	P: \$0 \$7,323,326 erson Drive Bridge P: \$0 ed: \$0 ARDY FORD BRDG P: \$0	\$0 \$1,820,766 Replacement - Eas \$0 \$280,000 REPLACEMENT (\$0	\$0 \$0 st Riverside Driv \$0 \$0 (SMITH MOUNTA	\$0 \$0 re; Route 419 - El \$0 \$0 \$0	\$0 \$0 ectric Road (0.09 \$0 \$0 RANKLIN/BEDFO	\$0 \$0 000 MI) \$0 \$0 \$0	\$0 \$0 \$0 \$0 NE; (GOES WITH	I) \$0 \$0 Remaining: \$0 \$0 Remaining: 1 IDS 58885 & 588	\$ \$9,144,09 \$ \$280,00

					Funding So	ource/Amount	t				
Locality	UPC / Descri	iption	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
Botetourt Co	ounty										
	103931 ARR	RA Salem Dis	strict Culvert Rep	lacements - Bote	etourt Co 0.03 M	li. East of Rte. 1	532; 0.03 Mi. We	st of Rte. 1534 (0.0500 MI)		
	1533	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	InCO	Obligated:	\$0	\$39,836	\$0	\$0	\$0	\$0	\$0	\$0	\$39,836
										Remaining:	*
T	9912907 - CONSTR	RUCTION : B	RIDGE REHABIL	ITATION/REPLA	CEMENT/RECON	STRUCTION SU	BTOTAL				
		TIP:	\$4,386,052	\$1,683,170	\$0	\$0	\$0	\$6,898,781	\$0	\$0	\$12,968,003
		TIP: Obligated:	\$4,386,052 \$10,828,024	\$1,683,170 \$9,681,368	\$0 \$0	\$0 \$0	\$0 \$0	\$6,898,781 \$712,355	\$0 \$0	\$0 \$0	
					•						\$21,221,747
		Obligated:	\$10,828,024	\$9,681,368	\$0	\$0	\$0	\$712,355	\$0	\$0	\$21,221,747
		Obligated:	\$10,828,024	\$9,681,368	\$0	\$0	\$0	\$712,355	\$0	\$0 \$0	\$21,221,747
		Obligated: Released:	\$10,828,024	\$9,681,368	\$0	\$0	\$0	\$712,355	\$0	\$0 \$0	\$21,221,747 \$0 *
	MPO S	Obligated: Released: SUBTOTAL	\$10,828,024 \$0	\$9,681,368 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$712,355 \$0	\$0 \$0	\$0 \$0 Remaining:	\$21,221,747 \$0 * \$38,251,570
	MPO S	Obligated: Released: SUBTOTAL TIP:	\$10,828,024 \$0 \$4,386,052	\$9,681,368 \$0 \$23,080,201	\$0 \$0 \$0	\$0 \$0 \$0	\$0 \$0 \$3,175,536	\$712,355 \$0 \$7,609,781	\$0 \$0_ \$0	\$0 \$0 Remaining: \$0	\$12,968,003 \$21,221,747 \$0 * \$38,251,570 \$37,325,536 (\$764,739)

APPENDIX B: Grouped Projects

				STIP Tra	insaction	IS				
				Roanoke M	PO Study A	rea				
			Federal O	bligated Func	ls: 10/01/20	16 - 09/30/20	17			
				Funding So	urce/Amoun	t				
ocality	UPC / Description	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
				Inte	rstate					
otetourt Co	ounty									
	75910 Route 11.220	220A Access Man	agement Project a	at I-81 Exit 150 - 0.3	30 MILE SOUTH	OF ROUTE 220	: 0.60 MILE NOR		220 (1.0410 MI)	
										* 2 400 5
	0081 TIF			\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$6,189,5
	Obligated	F \$754,050	\$3,407,917	φυ	φ 0	φυ	φ 0	φ0	Remaining:	\$6,142,5 \$47,0
oanoke Co	ounty								Nemaning.	ψ+1,0
	-	1 AUX LANE FRO	M EXIT 141 TO 14	3 DEBT SERVICE	- ()					
	0081 TI		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$407,6
	Obligated	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
oanoke									Remaining:	\$407,6
Janoke										
	16595 RTE 581 - VA	LEY VIEW INTER	CHANGE PHASE	II - 0.300 MI. S. RO	UTE 101 (HERS	HBERGER ROA	D); 1.560 MI. S. I	ROUTE 101 (HE	RSHBERGER RO	AD) (1.2600 N
	0581 TI	\$0	\$4,794,514	\$0	\$0	\$0	\$0	\$0	\$0	\$4,794,5
	Obligated		+ 1 - 1-	\$0	\$0	\$0	\$0	\$0	\$0	\$7,538,5
	Obligated	¢.,,.		4 0	\$	~~	\$	ţ,	Remaining:	ψ1,000,0
	INTERSTATE SUBTOTA				. —					
	TI	\$6,597,231	\$4,794,514	\$0	\$0	\$0	\$0	\$0	\$0	
		e: \$6,597,231 l: \$8,176,486	\$5,504,660	\$0 \$0 \$0	\$0 \$0 \$0	\$0 \$0 \$0	\$0 \$0 \$0	\$0 \$0 \$0	\$0 \$0 \$0	\$11,391,7 \$13,681,1

ocality	UPC / Description	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
				P	Primary					
	0 No projects ide	ntified in the MF	PO Area							
	TIP:	\$C	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	I								Remaining:	
	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	Released:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
									Remaining:	

ocality	UPC / Description	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
				l	Jrban					
	0 No projects ide	ntified in the MF	PO Area							
	TIP:	\$C	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
									Remaining:	
	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	Released:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	Released:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0 Remaining:	

ocality	UPC / Description	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
				Se	condary					
	0 No projects ide	ntified in the MF	PO Area							
	TIP:	\$0		\$0	\$0	\$0	\$0	\$0	\$0	
	L								Remaining:	
	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
				\$0	\$0	\$0	\$0	\$0	\$0	

							nt			_	
ocality	UPC / De	escription	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
					Misc	ellaneous					
oanoke City	/										
	102769	ROANOKE RIVE	ER GREENWAY	(Aerial Way Dr to	Salem) - FY13 R	S - Aerial Way Di	rive; SALEM CITY	LIMITS (1.0000	MI)		
	2769	TIP:	\$0	\$0	\$0	\$0	\$2,291,040	\$0	\$0	\$0	\$2,291,04
	InCO	Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	Ş
		la								Remaining:	\$2,291,04
М	ISCELLANEC	OUS SUBTOTAL									
		TIP:	\$0	\$0	\$0	\$0	\$2,291,040	\$0	\$0	\$0	\$2,291,04
		Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$
		Released:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$
									-	Remaining:	\$2,291,04

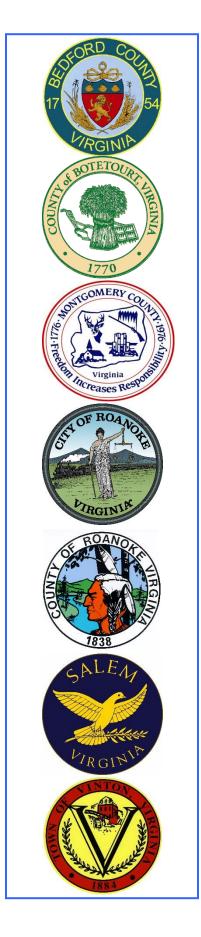
ocality	UPC / Description	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
ocanty	or or bescription		011/0100			Kon	BICOO	DEMO	UAIL	TOTAL
				Public Tr	ansportation					
	0 No projects ide	ntified in the MF	O Area							
	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	:
	1		II		I				Remaining:	
	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	Released:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
									Remaining:	

ocality	UPC / Description	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
					Rail					
	0 No projects ide	ntified in the MF	PO Area							
	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$
									Remaining:	
	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$
	Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$
	Released:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$
								_	Remaining:	

ocality	UPC / Description	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
				Enh	ancement					
	0 No projects ide	ntified in the MF	PO Area							
	TIP:	\$C		\$0	\$0	\$0	\$0	\$0	\$0	
	1								Remaining:	
	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	Released:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
								_	Remaining:	

cality	UPC / Description	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
callty	OPC/Description		31F/31BG			KƏTP	BRUS	DEIVIO	SAFE	TUTAL
				Gr	ouping					
	G901 Construction :	Fransportation E	Enhancement/Byw	ay/Non-Traditio	nal - (T9912901)					
	2901 TIP:	\$0		\$0	\$0	\$1,360,000	\$0	\$0	\$0	\$1,360,00
	Obligated:	\$1,164,375		\$0	\$0	\$5,539,131	\$0	\$0	\$0	\$6,839,48
	Released:	\$0	(\$409,209)	\$0	\$0	(\$15,094)	\$0	\$0	\$0	(\$424,303
									Remaining:	
	G903 Maintenance : F	Preventive Maint	enance and Syste	m Preservation	- (T9912903)					
	2903 TIP:	\$0	\$8,525,000	\$0	\$0	\$0	\$0	\$0	\$0	\$8,525,00
	Obligated:	\$329,000	\$867,000	\$0	\$0	\$0	\$0	\$0	\$0	\$1,196,00
				-			-		Remaining:	\$7,329,0
			enance for Bridge							
	2904 TIP:	\$0		\$0	\$0	\$0	\$711,000	\$0	\$0	\$12,137,00
	Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	ę
									Remaining:	\$12,137,00
	G905 Maintenance : T	raffic and Safet	y Operations - (TS	9912905)						
	2905 TIP:	\$0	\$1,000,000	\$0	\$0	\$0	\$0	\$0	\$0	\$1,000,00
	Obligated:	\$43,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$43,00
	_								Remaining:	\$957,00
	G906 Construction : S	Safety/ITS/Opera	itional Improveme	ents - (T9912906)					
	2906 TIP:	\$0	\$446,031	\$0	\$0	\$1,815,536	\$0	\$0	\$0	\$2,261,56
	Obligated:	\$3,151,201	\$3,275,041	\$31,116	\$0	\$1,567,951	\$0	\$0	\$0	\$8,025,30
	Released:	\$0	(\$340,435)	\$0	\$0	\$0	\$0	\$0	\$0	(\$340,43
	-								Remaining:	
	G907 Construction : I	Bridge Rehabilit	ation/Replacemen	t/Reconstruction	n - (T9912907)					
	2907 TIP:	\$4,386,052		\$0	\$0	\$0	\$6,898,781	\$0	\$0	\$12,968,00
	Obligated:	\$10,828,024	\$9,681,368	\$0	\$0	\$0	\$712,355	\$0	\$0	\$21,221,74
	Obligated.									

				Funding S	ource/Amoun	t				
Locality	UPC / Description	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
	GROUPING SUBTOTAL									
	TIP:	\$4,386,052	\$23,080,201	\$0	\$0	\$3,175,536	\$7,609,781	\$0	\$0	\$38,251,570
	Obligated:	\$15,515,600	\$13,959,383	\$31,116	\$0	\$7,107,082	\$712,355	\$0	\$0	\$37,325,536
	Released:	\$0	(\$749,645)	\$0	\$0	(\$15,094)	\$0	\$0	\$0	(\$764,739)
									Remaining:	\$926,034
	MPO SUBTOTAL									
	TIP:	\$10,983,283	\$27,874,715	\$0	\$0	\$5,466,576	\$7,609,781	\$0	\$0	\$51,934,355
	Obligated:	\$23,692,086	\$19,464,043	\$31,116	\$0	\$7,107,082	\$712,355	\$0	\$0	\$51,006,682
	Released:	\$0	(\$749,645)	\$0	\$0	(\$15,094)	\$0	\$0	\$0	(\$764,739)
								-	Remaining:	\$927,673



Annual Listing of Transportation Project Obligations

Federal Fiscal Year 2018

(October 1, 2017 to September 30, 2018)



December 2018

The information presented in this document is provided by the Virginia Department of Transportation and the Virginia Department of Rail and Public Transportation. The Roanoke Valley Transportation Planning Organization has reorganized the projects by jurisdiction for ease of reference. The original spreadsheets developed by VDOT are included in the appendices.

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DOCUMENT DESCRIPTION

The Roanoke Valley Transportation Planning Organization (RVTPO) Transportation Improvement Program (TIP) is a listing of transportation projects over a three-year period, which will be funded, at least in part, with funds from the Federal Highway Administration (FHWA) and/or Federal Transit Administration (FTA).

The current TIP covers the years 2018 through 2021 and lists the estimated cost for each phase of all projects. Project schedules often change as a result of personnel or consultant availability for design activities, or changes in budget resource availability. Thus, the TIP does not always yield an up-to-date picture of actual project expenditures. To ensure that the public will have an accurate understanding of how federal funds are actually being spent on transportation projects, Congress included in the Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users (SAFETEA-LU) legislation of 2005, the 2012 Moving Ahead for Progress in the 21st Century Act (MAP-21), and the 2015 Fixing America's Surface Transportation Act (FAST Act) a requirement that the organizations responsible for approving the Transportation Improvement Program publish an Annual Listing of Transportation Project Obligations.

What are "project obligations"?

An **obligation** is the Federal government's legal commitment to pay the Federal share of a project's cost. An obligated project is one that has been authorized by the Federal agency and for which funds have been committed. Projects for which funds have been obligated are not necessarily initiated or completed during the program year, and the amount of the obligation will not necessarily equal the total cost of the project. For projects under the auspices of the FTA, obligation occurs when the FTA grant is awarded. For projects under the State/grantee requests that the funds be obligated.

A good way to think of "obligations" is setting up a checking account for a specific purpose and then making an initial deposit. In order to begin work on any phase of a transportation project, federal funds must be obligated. This means that the money is set aside for that particular piece of work, and then can be used to pay bills. The project expenses may be bills from a design consultant, a construction contractor, or payroll costs for Virginia Department of Transportation (VDOT) employees working on the project.

An obligation removed from a project, or **released**, is usually the result of a decrease in the cost estimate, a project awarded for a lesser amount than originally authorized at advertisement, or an FHWA Financial Integrity Review and Evaluation (FIRE) project level review.

Do project obligations mean the work is underway?

This is not always the case. Project accounts are set up, particularly for the initial phases of a project, to enable the work. It may take a while, for example, to select and hire a design consultant and then actually begin work.

Contents of this document:

This document contains tables of VDOT project funding information in which the listing of ungrouped projects is organized by jurisdiction then by funding category (i.e. Interstate, Primary, Secondary, or Urban). Appendix A shows the same grouped projects organized by roadway system rather than by jurisdiction. VDOT grouped projects are presented in Appendix B. Virginia Department of Rail and Public Transportation (VDRPT) funding information show how federal funds were used to support the transit operations of the Greater Roanoke Transit Company (Valley Metro) and RADAR.

Acronyms

- ARRA American Recovery and Reinvestment Act of 2009
- BROS Bridge Off-System
- CMAQ Congestion Mitigation and Air Quality Program
- DEMO Demonstration
- EB/MG Equity Bonus/Minimum Guarantee
- FHWA Federal Highway Administration
- FTA Federal Transit Administration
- IM/NH Interstate Maintenance/National Highway System
- NHPP National Highway Performance Program
- RSTP Regional Surface Transportation Program
- SAFE (SAFETEA-LU) Safe Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users
- SSTP Statewide Surface Transportation Program
- STIP Statewide Transportation Improvement Program
- STP Surface Transportation Program
- UPC Universal Project Code

	· · ·		ST	IP Group	ing De	tail					
				anoke MPO							
		Fed		ated Funds:			30/2018				
							00/2010				
				Funding Sour	ce/Amou	nt					
Locality	UPC / D	escription	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
				Bedford (County						
		T991290	6 - Constru	ction : Safety/	ITS/Oper	ational Ir	nprovem	ents			
Bedford County											
		Rt. 24 Bedford County -			-			•	•	*	••
	0024	TIP:	\$0 \$0		\$0 \$0		\$0 \$0	\$0 \$0		\$0 \$0	\$0
		Obligated:	Ф О	\$16,429	<u></u> ФО	ф О	\$0	Ф О	Φ 0	· · ·	\$16,429
Bedford County										Remaining:	
Dediora County		Rt. 221 Bedford Co Bi	ke & Ped Saf	ety Improveme	nts - 0 09 n	niles North	n of Route '	1049·006 r	niles Sou	th of Route 621	
	0221	TIP:	\$0	1	\$0		\$0	\$0		\$0	\$0
		Obligated:	\$0	\$150,000	\$0	\$0	\$0	\$0	\$0	\$0	\$150,000
										Remaining:	*
		T9912907 - Con	struction :	Bridge Rehab	ilitation/F	Replacem	nent/Reco	nstructio	n		
Bedford County											
		#SGR RTE. 634 OVER F Bedford County Line (0		/ER (STR. 02718) - BRIDGE	E REPLA -	0.19 Mi. We	est of Frank	din Count	y Line; 0.12 Mi.	East of
	0634	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		Obligated:	\$5,737,597		\$0	• -	\$0	\$0	· · ·	\$0	\$5,737,597
		Released:	\$0	(\$8,083)	\$0	\$0	\$0	\$0	\$0	\$0	(\$8,083)
										Remaining:	*
	BEDFOR	COUNTY SUBTOTAL									
		TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		Obligated:	\$5,737,597	\$166,429	\$0	\$0	\$0	\$0	\$0	\$0	\$5,904,026
		Released:	\$0	(\$8,083)	\$0	\$0	\$0	\$0	\$0	\$0	(\$8,083)
										Remaining:	*

			F	Funding Sour	ce/Amou	nt					
Locality	UPC / D	escription	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
				Botetourt	County						
		T9912903 - Mai	ntenance : I	Preventive Ma	aintenan	ce and S	ystem Pro	eservatior	า		
Botetourt Count	y										
	105035	F15 Plant Mix Botetour	County - Prir	naries PM2I-011	I-F15 - TR	UCK WEIG	HING SCA	LES; 0.23 N	II. NORTH	BRIDGE / RAIL	ROAD
	5035	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	InCO	Obligated:	\$0	\$832,970	\$0	\$0	\$0	\$0	\$0	\$0	\$832,970
										Remaining:	*
Botetourt Count	y										
	106318	F16 Plant Mix Botetour	County - Prir	maries PM2I-011	I-F16 - RO	ANOKE C	OUNTY LIN	IE; 0.38 Mi.	N. Rte. 10	28 /0.16 Mi. S. F	Rte. 11
	6318	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	InCO	Obligated:	\$0	\$1,544,351	\$0	\$0	\$0	\$0	\$0	\$0	\$1,544,351
										Remaining:	*
		T991290)4 - Mainten	ance : Preve	ntive Mai	ntenance	e for Bridg	ges			
Botetourt Count	y										
	105539	Latex Concrete Deck O	verlay Bridge	Maintenance F	Project - 0.2	28 Mi. to R	oanoke Co	. Line; 2.79	Mi. to Rte	. 220 (1.0000 M	I)
	0081	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
I	InCO	Obligated:	\$334,976	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$334,976
										Remaining:	*
	`	T991290	6 - Construc	tion : Safety/	IT S/Oper	ational Ir	nprovem	ents	<u>.</u>	<u> </u>	
Botetourt Count	y										
	103210	RTE. 220 Corridor - Rep	lace 2 Narrow	v Structures - 0.	239 Mi. No	orth of Rte.	43; 0.630	Mi. South of	f Rte. 694	(0.9310 MI)	
	0220	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
l	InCO	Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		Released:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
										Remaining:	*

			F	Funding Sour	ce/Amou	nt					
Locality	UPC / De	escription	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
		T9912907 - Con	struction : I	Bridge Rehab	oilitation/F	Replacen	nent/Reco	nstructio	n		
Botetourt Coun	ity										
	77300 R	TE. 11 OVER TINKER	CREEK (STR	03166) - BRIDG	E REPLAC	EMENT - 0	.04 Mile No	rth of Rout	e 1039; 0.	13 Mile North o	f Route
	0011	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		Obligated:	\$124,580	\$218	\$0	\$0	\$0	\$4,360	\$0	\$0	\$129,158
										Remaining:	*
Botetourt Coun	ty										
	77302 R	TE. 11 OVER TINKER	CREEK (STR.	3167) - BRIDGE	REPLACE	EMENT - R	oute 838; (0.09 Mile No	orth of Ro	ute 838 (0.0900	MI)
	0011	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		Obligated:	\$0	\$67,090	\$0	\$0	\$0	\$0	\$0	\$0	\$67,090
										Remaining:	*
Botetourt Coun	ity										
	103931 A	RRA Salem District C	ulvert Replace	ements - Boteto	ourt Co 0	.03 Mi. Eas	st of Rte. 1	532; 0.03 M	li. West of	Rte. 1534 (0.05	00 MI)
	1533	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	InCO	Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		Released:	\$0	(\$0)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
										Remaining:	*
	BOTETOURT	COUNTY SUBTOTAL									
		TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		Obligated:	\$459,556	\$2,444,629	\$0	\$0	\$0	\$4,360	\$0	\$0	\$2,908,545
		Released:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
										Remaining:	*

				Funding Sour	ce/Amou	Int					
Locality	UPC / D	Description	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
			Multi-	jurisdictional	Roanol	ce MPO					
		T9912901 - Cons	truction : T	ransportatior	Enhanc	ement/B	yway/Non	-Traditio	nal		
Multi-jurisdicti	onal: Roanoke N	IPO									
	G992	CN: TRANSPORTATION	ENHANCEM	ENT/BYWAY/O	THER NON	-TRADITIO	ONAL - (T18	3992)			
	0000	TIP:	\$1,192,664	\$0	\$0	\$0	\$2,530,374	\$0	\$0	\$0	\$3,723,038
		Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
										Remaining:	\$3,723,038
		T9912906	6 - Construc	tion : Safety/	IT S/Oper	rational l	mproveme	ents			
Multi-jurisdicti	onal: Roanoke N	IPO									
	G999	CN: SAFETY/ITS/OPER	ATIONAL/IMP	ROVEMENTS -	(T18999)		· · · · · · · · · · · · · · · · · · ·				
	0000	TIP:	\$2,746,302	\$762,000	\$0	\$0	\$0	\$0	\$0	\$0	\$3,508,302
		Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
										Remaining:	\$3,508,302
	· · · · ·	T9912907 - Con	struction :	Bridge Rehab	ilitation/F	Replacen	nent/Reco	nstructio	n	· · · · · · · · · · · · · · · · · · ·	
Multi-jurisdicti	onal: Roanoke N	IPO									
	G000	BRIDGE REHABILITATI	ON/REPLACE	MENT - (T1900	0)					I	
	0000	TIP:	\$582,888	\$0	\$0	\$0	\$0	\$302,225	\$0	\$0	\$885,113
· · · · · ·		Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
										Remaining:	\$885,113
MUL	TI-JURISDICTION	IAL RVTPO SUBTOTAL									
		TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$8,116,453
		Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		Released:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
										Remaining:	\$8,116,453

			I	Funding Sour	ce/Amou	nt					
Locality	UPC / Des	scription	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
				Roand	oke						
		T9912901 - Cons	truction : T	ransportation	Enhanc	ement/By	yway/Nor	n-Traditior	nal		
Roanoke											
		rginian Railway Statio		_		-		-	•		
	0500	TIP:	\$0	• •	\$0		\$0	• •	\$0	• -	\$0
	InCO	Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		Released:	(\$39,971)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$39,972)
										Remaining:	*
Roanoke											
	106266 AD	A BUS FACILITIES -	TRANSPORT	ATION ALTERN	ATIVES - E	Barnett Rd	(Western 0	City Limits)	; Salem T	pke (2.8000 MI)	
	6266	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	InCO	Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		Released:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
										Remaining:	*
Roanoke						ĺ					
	103345 RR	R Grnwy-Bike/Ped b/t	Vic Thomas/	Ghent Hill Parks	- Vic Tho	mas Park;	Ghent Hill	Park (0.250	0 MI)	I	
	0003	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	InCO	Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		Released:	\$0	(\$48,246)	\$0	\$0	\$0	\$0	\$0	\$0	(\$48,246)
										Remaining:	*
·`		T991290)4 - Mainten	ance : Preve	ntive Mai	ntenance	e for Bride	ges	-		
Roanoke											
	106836 BR	RIDGE REHAB - LIBEI	RTY ROAD O	/ER I-581 (STR.	21594) - 1.	06 Mi. S. Ir	nt. Valleyvi	iew Blvd.; 0	.60 Mi. N.	Int. Orange Av	e. (0.0200 MI)
	0000	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	InCO	Obligated:	\$915,417	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$915,417
										Remaining:	*

		T9912906	6 - Construc	ction : Safety/	ITS/Oper	ational Ir	nprovem	ents			
Roanoke											
	113570	I-581 Exit 2 Interchange	Study - I-581	; Peters Creek	Road ()					· · · · ·	
	0581	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$C
		Obligated:	\$0	\$0	\$0	\$0	\$120,000	\$0	\$0	\$0	\$120,000
										Remaining:	*
Roanoke											
	109570	Orange Avenue/ Hollins	s Road Signal	Upgrade - City	of Roanok	e - Route	460; Route	115()		II	
	0460	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		Obligated:	\$0	\$18,288	\$0	\$0	\$0	\$0	\$0	\$0	\$18,288
										Remaining:	*
		ROANOKE SUBTOTAL	^						••	<u> </u>	•-
		TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		Obligated:	\$915,417	\$18,288	\$0	\$0	\$120,000	\$0	\$0	\$0	\$1,053,705
		Released:	(\$39,971)	(\$48,246)	\$0	\$0	\$0	\$0	\$0	\$0	(\$88,218)
										Remaining:	*

			1	Funding Sour	ce/Amou	nt					
Locality	UPC / I	Description	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
				Roanoke	County						
		T9912901 - Cons	struction : T	ransportation	Enhanc	ement/By	way/Non	-Traditior	nal		
Roanoke County		1									
		Low Water Bridge for H			•	-					
	3495		\$0	• •	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	InCO	Obligated:	\$0	\$83,784	\$0	\$0	\$0	\$0	\$0	\$0	\$83,784
										Remaining:	*
Roanoke County											
	97171	#HB2.FY17 Roanoke C							-	-	
	7171		\$0		\$0	\$0	\$0	\$0			\$0
		Obligated:	\$0	\$0	\$0	\$0	\$28,193	\$0	\$0	\$0	\$28,193
										Remaining:	*
Roanoke County											
		Roanoke Co., Plantatio					•		-		•
	3607		\$0		\$0	\$0	\$0	\$0		\$0	\$0
		Obligated:	\$0		\$0	\$0	\$0	\$0	\$0	\$0	\$0
		Released:	\$0	(\$540)	\$0	\$0	\$0	\$0	\$0	\$0	(\$540)
										Remaining:	*
		T9912903 - Ma	intenance :	Preventive Ma	aintenano	ce and S	ystem Pre	eservatior	า		
Roanoke County						_					
		F-15 Plant Mix - Roano					•			••	• -
	5028		\$0		\$0	\$0	\$0	\$0		\$0	\$0
	InCO	Obligated:	\$0	\$223,294	\$0	\$0	\$0	\$0	\$0	\$0	\$223,294
										Remaining:	*
		T99 [,]	2905 - Main	tenance : Tra	Iffic and S	Safety O	perations				
Roanoke County			.								
	98130	Traffic Signal Upgrade									• -
	0419		\$0		\$0	\$0	\$0	\$0			\$0
	InCO	Obligated:	\$0	\$9,495	\$0	\$0	\$0	\$0	\$0	\$0	\$9,495
										Remaining:	*

		T991290	6 - Construc	tion : Safety/	ITS/Oper	ational li	nprovem	ents			
Roanoke Coui	nty										
	99542	RTE. 81 - EXIT 140 Park	'N Ride Facili	ity Expansion -	Int Rte 112	8 and Rte	1150; 0.17	Mi. West o	f Int Rte 1	128 and 1150 ().1700 MI)
	0081	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	InCO	Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		Released:	\$0	\$0	\$0	\$0	(\$13)	\$0	\$0	\$0	(\$13
										Remaining:	:
Roanoke Cour	nty										
	108905	#HB2.FY17 Lila Dr / Rte	115 Intersect	ion Safety Impr	ovements	- Lila Driv	/e; Route 1	15 (Plantati	on Road)	(0.1000 MI)	
	0115	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		Obligated:	\$109,050	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$109,050
										Remaining:	1
Roanoke Cour	nty										
	107054	Route 311 - Roanoke C	ounty - Pedes	strian Safety Im	provement	s - NCL S	alem; 0.02	Mile North	of I-81 SB	Ramp (0.0900	MI)
	0311	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	InCO	Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		Released:	\$0	(\$28,641)	\$0	\$0	\$0	\$0	\$0	\$0	(\$28,641
										Remaining:	
Roanoke Cour	nty										
	111066	Pedestrian Bridge over	[.] Rt. 311 - Roa	noke County - F	Route 864;	0.2 miles	North of R	oute 864 ()		
	0311	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		Obligated:	\$0	\$300,000	\$0	\$0	\$0	\$0	\$0	\$0	\$300,000
										Remaining:	
Roanoke Cour	nty										
	103542	F14 Plant Mix - Roanok	e County - Pr	imaries PM2K-0	980-F14 - (9.7900 MI)				
	3542	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	InCO	Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		Released:	(\$16,503)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$16,503
										Remaining:	

Roanoke Coun	ty		ĺ								
	107055	Route 11 & 117 Roanok	e Co Bike &	Ped Safety Impr	ovements	- Route 1	117; Route 1	11 (0.4260 M	l)		
	9999	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$C
I		Obligated:	\$0	\$125,000	\$0	\$0	\$0	\$0	\$0	\$0	\$125,000
										Remaining:	×
Roanoke Coun	ty										
	15190	RTE 688 - RECONSTRU	CTION - 0.056	MILE SOUTH RO	UTE 221;	0.105 MIL	E SOUTH R	OUTE 934 (0	.6566 M	I)	
	0688	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$C
I	InCO	Obligated:	\$0	\$125,121	\$0	\$0	\$0	\$0	\$0	\$0	\$125,121
										Remaining:	*
Roanoke Coun	ty		ĺ								
	15188	RTE 1663 - RECONSTRU	JCT; DRAINAG	GE STRUCT/BRA	NCH MUD	LICK CK	- SOUTH IN	IT. ROUTE 22	21; INT.	OF ROUTE 1662	2 (0.2830 MI)
	1663	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		Released:	\$0	(\$81,951)	\$0	\$0	\$0	\$0	\$0	\$0	(\$81,951)
										Remaining:	*
·		T9912907 - Con	struction : E	Bridge Rehabil	itation/Re	eplacem	ent/Recor	struction			
Roanoke Coun	ty										
	82193	RTE. 220 OVER BACK C	REEK (STR. 1	4935) - BRIDGE	REPLACE	MENT - 0.	199 MI SOU	TH OF ROU	TE 657;	0.331 MI NORTH	OF
	0220	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		Obligated:	\$886,019	\$2,486,587	\$0	\$0	\$0	\$0	\$0	\$0	\$3,372,606
										Remaining:	*
Roanoke Coun	ty										
	94726	RTE. 221 OVER MARTIN	IS CREEK (ST	R. 14945) - BRID	GE REPLA	CEMEN -	0.01 mi S. I	nt Rte 696; ().01 mi l	N. Int. Rte 696 ()
	0221	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		Obligated:	\$0	\$745,734	\$0	\$0	\$0	\$0	\$0	\$0	\$745,734
										Remaining:	k
	ROANOK		A -		**	* *	**	**	**		*-
			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		TIP:			A .c.	A C -				-	
		Obligated:	\$995,069	\$4,099,015	\$0	\$0	\$28,193	\$0	\$0	\$0	\$5,122,277
				\$4,099,015 (\$111,132)	\$0 \$0	\$0 \$0	\$28,193 (\$13)	\$0 \$0	\$0 \$0	\$0 \$0 Remaining:	\$5,122,277 (\$127,648)

			F	Funding Sour	ce/Amou	nt					
Locality	UPC / I	Description	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
				Sale	m						
		T9912906	6 - Construc	tion : Safety/	IT S/Oper	ational l	mprovem	ents			
Salem											
	8753	#HB2.FY17 Rte460 - Wid	len To 3 Ln w	/ Bike Ln, Curb	, Sidewalk	- 0.028 Mi	. West of R	oute 311 (T	hompson	Memorial Blvd	.); 0.006 Mi.
	0460	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	InCO	Obligated:	\$1,456,492	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,456,492
										Remaining:	*
		T9912907 - Con	struction : I	Bridge Rehab	ilitation/F	Replacen	nent/Reco	onstructio	n	·	
Salem											
	110574	#SGR - Apperson Drive	Bridge Repla	icement - East F	Riverside I	Drive; Rou	ute 419 - El	ectric Road	(0.0900 N	11)	
	0011	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		Released:	\$0	(\$280,000)	\$0	\$0	\$0	\$0	\$0	\$0	(\$280,000)
										Remaining:	*
		SALEM SUBTOTAL									
		TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		Obligated:	\$1,456,492	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,456,492
		Released:	\$0	(\$280,000)	\$0	\$0	\$0	\$0	\$0	\$0	(\$280,000)
										Remaining:	*

			I	Funding Sour	ce/Amou	Int					
Locality	UPC / De	escription	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
				Salem Dist	rict-wide						
		T9912901 - Cons	truction : T	ransportation	Enhanc	ement/B	yway/Non	-Tradition	nal		
Salem											
	106486 E	ddy Ave Bike/Ped Brid	dge - David S	mith Trail; Phas	e 3A Roan	oke River	Greenway	(0.0400 MI))		
	0000	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		Obligated:	\$3,200	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,200
										Remaining:	*
		T9912903 - Mai	ntenance :	Preventive M	aintenand	ce and S	ystem Pre	eservation	า		
Salem District-w	vide										
	106158 F	15 Plant Mix Interstate	District-wide	PM2S-962-F15	- various;	various (9	.1100 MI)			·	
	6158	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
I	InCO	Obligated:	\$0	\$1,221,920	\$0	\$0	\$0	\$0	\$0	\$0	\$1,221,920
										Remaining:	*
Salem District-w	vide										
	106306 F	16 Districtwide Interst	ate Latex Sch	nedule LM2A-96	2-F16 - var	rious; vari	ous (8.5100	MI)			
	6306	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	InCO	Obligated:	\$0	\$406,773	\$0	\$0	\$0	\$0	\$0	\$0	\$406,773
										Remaining:	*
Salem District-w	vide	J J									
	106160 F	15 Districtwide Primar	y Latex Sche	dule LM2E-962-	F15 - vario	ous; variou	ıs (11.7100	MI)			
	6160	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	InCO	Obligated:	\$0	\$6,051	\$0	\$0	\$0	\$0	\$0	\$0	\$6,051
										Remaining:	*
Salem District-w	vide									5	
	G722 S	TIP-MN Salem: Prever	ntive MN and	System Preser	vation - (T	14722)					
	0000	TIP:	\$0	-	\$0		\$0	\$0	\$0	\$0	\$8,391,501
I		Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
										Remaining:	\$8,391,501

		T9912904	4 - Maintena	nce : Preven	tive Main	tenance	for Bridg	les			
Salem Distric	t-wide										
	G721	STIP-MN Salem: Prevent	ive MN for Br	idges - (T14721	l)						
	0000	TIP:	\$0	\$5,452,802	\$0	\$0	\$0	\$1,753,772	\$0	\$0	\$7,206,574
		Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
										Remaining:	\$7,206,574
		T9912	905 - Mainte	enance : Traf	fic and S	afety Op	erations				
Salem Distric	xt-wide										
	103810	FY14 Pavement Marking	Task #962-2:	Interstate 81 &	77 - Inters	tate 81 (M	M 87.4 - 17	74.3); Interst	ate 77 (M	IM 0 - 24.3)()	
	0081	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	InCO	Obligated:	\$0	\$121,154	\$0	\$0	\$0	\$0	\$0	\$0	\$121,154
										Remaining:	ł
Salem Distric	t-wide							ĺ			
	106877	REPLACE RPM LENSES	- INTERSTATI	E 81, 581 & 77 -	I-81 MM 87	7.4 ; I-77 M	M 0; I-581	MM 0; I-81	MM 173.9	; I-77 MM 24.1;	I-581 MM 6.6
	9999	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	InCO	Obligated:	\$10,784	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$10,784
										Remaining:	ł
Salem Distric	t-wide										
	79752	REGIONAL TRAFFIC SIG	NAL CONTRA	CT FOR 1/2007	THRU 12/2	2008 - ADV	FOR SOL	JTHWESTER	RN REGIO	ON; AREA INCL	UDES
	9752	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	InCO	Obligated:	\$185,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$185,000
										Remaining:	ŕ
Salem Distric	t-wide										
	G720	STIP-MN Salem: Traffic a	nd Safety Op	erations - (T14	720)						
	0000	TIP:	\$0	\$2,398,108	\$0	\$0	\$0	\$0	\$0	\$0	\$2,398,108
		Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
										Remaining:	\$2,398,108

		T9912906	- Construc	tion : Safety/l	TS/Opera	ational In	nproveme	ents			
Salem Distric	t-wide						-				
	104046	RTES. 177 & 181 - FY14-1	5 REPLACE S	GIGNS - Interstat	e 77; Inter	state 81 ()				
	0081	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	InCO	Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		Released:	(\$20,628)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$20,628
										Remaining:	:
Salem Distric	t-wide				ĺ	Ì	Ì				
	106428	INTERSTATE 81 & 77 MA	RKING RET	ACE PHASE 1 -	SALEM D	ISTRICT -	VARIOUS;	VARIOUS ()		
	9999	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	InCO	Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		Released:	(\$12,645)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$12,645
										Remaining:	:
Salem Distric	t-wide										
	109556	Safety Prescoping - Sale	em - ()								
	9999	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		Obligated:	\$0	\$402,642	\$0	\$0	\$0	\$0	\$0	\$0	\$402,642
										Remaining:	:
Salem Distric	t-wide										
	114335	INSTALL HIGH VISIBILIT	Y REFLECTI	E SIGNAL BAC	KPLATES	- VARIOU	S; VARIOU	JS()			
	9999	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		Obligated:	\$0	\$208,189	\$0	\$0	\$0	\$0	\$0	\$0	\$208,189
										Remaining:	•
Salem Distric	t-wide										
	106552	Committed Safety Proje	cts-Salem - v	arious; various	(0.0000 MI)					
	0000	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	InCO	Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		Released:	\$0	(\$46,408)	\$0	\$0	\$0	\$0	\$0	\$0	(\$46,408
										Remaining:	:

108517	ADA COMPLIANCE IN SA	ALEM DISTRI	CT - VARIOUS;	VARIOUS	()					
8517	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
InCO	Obligated:	\$0	\$84,776	\$0	\$0	\$0	\$0	\$0	\$0	\$84,776
									Remaining:	*
SALEM-DIS	TRICTWIDE SUBTOTAL									
	TIP:	\$0	\$16,242,411	\$0	\$0	\$0	\$1,753,772	\$0	\$0	\$17,996,183
	Obligated:	\$198,984	\$2,451,505	\$0	\$0	\$0	\$0	\$0	\$0	\$2,650,489
	Released:	(\$33,273)	(\$46,408)	\$0	\$0	\$0	\$0	\$0	\$0	(\$79,681)
									Remaining:	\$17,996,183

			I	Funding Sour	ce/Amou	nt					
Locality	UPC / I	Description	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
				Vinte	on						
		T9912901 - Cons	struction : T	ransportatior	Enhanc	ement/B	yway/Non	-Traditio	nal		
Vinton											
	109611	GLADE CREEK GREEN	IWAY, PHASE	2 - Int. Walnut	Ave & 5th S	St; Gus Ni	cks Blvd ()			
	9611	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		Released:	(\$1)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$1)
										Remaining:	*
		VINTON SUBTOTAL									
		TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		Released:	(\$1)	\$0	\$0	\$0	\$0	\$0	\$0	\$0 [•]	(\$1)
										Remaining:	*

MP	O SUBTOTAL									
	TIP:	\$0	\$16,242,411	\$0	\$0	\$0	\$1,753,772	\$0	\$0	\$26,112,636
	Obligated:	\$9,763,115	\$9,179,866	\$0	\$0	\$148,193	\$4,360	\$0	\$0	\$19,095,534
	Released:	(\$89,749)	(\$493,869)	\$0	\$0	(\$13)	\$0	\$0	\$0	(\$583,630)
									Remaining:	\$7,017,102

LIST OF FEDERAL FUNDS OBLIGATED BY TRANSIT AGENCY

FFY2017

	FEDERAL FUNDS				Flexible			
ROANOKE AREA MPO	OBLIGATED	YEAR	CMAQ	RSTP	STP	FTA	Other	TOTAL
Greater Roanoke Transit Company								
Intercity Bus	FTA 5311	2016				\$ 353,536		\$ 353,536
15 Pass. Body on Chassis w/Wheelchair Lift (3)	FTA 5339	2015				\$ 132,905		\$ 132,905
Purchase Bus Lifts	FTA 5339	2015				\$ 144,000		\$ 144,000
Replace Floor Scrubber	FTA 5339	2016				\$ 16,000		\$ 16,000
Bus Rehab/Renovation of Admin/Maint Facility	FTA 5339	2016				\$ 201,880		\$ 201,880
Engineering and Design - Transfer Facility	FTA 5339	2016				\$ 24,000		\$ 24,000
Purchase ADP Software	FTA 5339	2016				\$ 3,560		\$ 3,560
RADAR/UHSTS								
New Freedom Operating	FTA 5310	2016				\$ 94,718		\$ 94,718
14 Pass. Body on Chassis w/Wheelchair Lift (2)	FTA 5310	2016				\$ 104,000		\$ 104,000
Southern Area Agency on Aging								
14 Pass. Body on Chassis w/Wheelchair Lift (1)	FTA 5310	2016				\$ 52,000		\$ 52,000
New Freedom Operating	FTA 5310	2016				\$ 5,012		\$ 5,012
TOTAL			\$-	\$-	\$-	\$ 1,131,611	\$-	\$ 1,131,611

APPENDIX A: Ungrouped Projects

Roanoke MPO Study Area

_ocality	UPC / De	scription	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
			T9912901 -	Construction	: Transportat	tion Enhancer	nent/Byway/I	Non-Tradition	al		
/lulti-jurisdic	ctional: Roano	ke MPO									
	G992	CN: TRANSPOR	TATION ENHAN	CEMENT/BYWAY	//OTHER NON-TF	RADITIONAL - (T	18992)				
	0000	TIP:	\$1,192,664	\$0	\$0	\$0	\$2,530,374	\$0	\$0	\$0	\$3,723,03
		Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$
										Remaining:	\$3,723,03
Roanoke											
		-		ation Phase 2 - V	-						
	0500	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$
	InCO	Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$
		Released:	(\$39,971)	(\$0)	\$0	\$0	\$0	\$0	\$0	\$0	(\$39,972
										Remaining:	
Roanoke											
Contorio											
tourione	106266					•					
iounoke	6266	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
tounoke		TIP: Obligated:	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0	\$
toanoke	6266	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0 \$0	\$
	6266	TIP: Obligated:	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0	\$
Roanoke	6266 InCO	TIP: Obligated: Released:	\$0 \$0 (\$0)	\$0 \$0 (\$0)	\$0 \$0 \$0	\$0 \$0 \$0	\$0 \$0 \$0	\$0 \$0 \$0	\$0 \$0	\$0 \$0	\$
	6266 InCO 103345	TIP: Obligated: Released: RR Grnwy-Bike/	\$0 \$0 (\$0) Ped b/t Vic Thon	\$0 \$0 (\$0) nas/Ghent Hill Pa	\$0 \$0 \$0 rks - Vic Thomas	\$0 \$0 \$0 \$0	\$0 \$0 \$0 Park (0.2500 MI	\$0 \$0 \$0 }	\$0 \$0 \$0	\$0 \$0 Remaining:	\$ (\$C
	6266 InCO 103345 0003	TIP: Obligated: Released: RR Grnwy-Bike/I TIP:	\$0 \$0 (\$0) Ped b/t Vic Thon \$0	\$0 \$0 (\$0) nas/Ghent Hill Pa \$0	\$0 \$0 \$0 rks - Vic Thomas \$0	\$0 \$0 \$0 • Park; Ghent Hill \$0	\$0 \$0 \$0 Park (0.2500 MI \$0	\$0 \$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0	\$0 \$0 Remaining: \$0	\$ (\$0 \$
	6266 InCO 103345	TIP: Obligated: Released: RR Grnwy-Bike/ TIP: Obligated:	\$0 \$0 (\$0) Ped b/t Vic Thon \$0 \$0	\$0 \$0 (\$0) nas/Ghent Hill Pa \$0 \$0	\$0 \$0 \$0 rks - Vic Thomas \$0 \$0	\$0 \$0 \$0 \$0 \$0 Park; Ghent Hill \$0 \$0	\$0 \$0 \$0 Park (0.2500 MI \$0 \$0	\$0 \$0 \$0 \$0 \$0 }	\$0 \$0 \$0 \$0 \$0 \$0	\$0 \$0 Remaining: \$0 \$0	\$ (\$0 \$ \$
	6266 InCO 103345 0003	TIP: Obligated: Released: RR Grnwy-Bike/I TIP:	\$0 \$0 (\$0) Ped b/t Vic Thon \$0	\$0 \$0 (\$0) nas/Ghent Hill Pa \$0	\$0 \$0 \$0 rks - Vic Thomas \$0	\$0 \$0 \$0 • Park; Ghent Hill \$0	\$0 \$0 \$0 Park (0.2500 MI \$0	\$0 \$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0	\$0 \$0 Remaining: \$0 \$0 \$0	\$ (\$0 \$ \$
Roanoke	6266 InCO 103345 0003 InCO	TIP: Obligated: Released: RR Grnwy-Bike/ TIP: Obligated:	\$0 \$0 (\$0) Ped b/t Vic Thon \$0 \$0	\$0 \$0 (\$0) nas/Ghent Hill Pa \$0 \$0	\$0 \$0 \$0 rks - Vic Thomas \$0 \$0	\$0 \$0 \$0 \$0 \$0 Park; Ghent Hill \$0 \$0	\$0 \$0 \$0 Park (0.2500 MI \$0 \$0	\$0 \$0 \$0 \$0 \$0 }	\$0 \$0 \$0 \$0 \$0 \$0	\$0 \$0 Remaining: \$0 \$0	\$ (\$C \$ \$ \$
loanoke	6266 InCO 103345 0003 InCO unty	TIP: Obligated: Released: RR Grnwy-Bike/I TIP: Obligated: Released:	\$0 \$0 (\$0) Ped b/t Vic Thon \$0 \$0 \$0	\$0 \$0 (\$0) mas/Ghent Hill Pa \$0 \$0 (\$48,246)	\$0 \$0 \$0 rks - Vic Thomas \$0 \$0 \$0	\$0 \$0 \$0 \$0 \$0 Park; Ghent Hill \$0 \$0	\$0 \$0 \$0 Park (0.2500 MI \$0 \$0	\$0 \$0 \$0 \$0 \$0 }	\$0 \$0 \$0 \$0 \$0 \$0	\$0 \$0 Remaining: \$0 \$0 \$0	\$ (\$0 \$ \$
loanoke	6266 InCO 103345 0003 InCO unty 103495	TIP: Obligated: Released: RR Grnwy-Bike/I TIP: Obligated: Released: Low Water Bridg	\$0 \$0 (\$0) Ped b/t Vic Thon \$0 \$0 \$0 \$0	\$0 \$0 (\$0) nas/Ghent Hill Pa \$0 (\$48,246) near Int. Rtes. 41	\$0 \$0 \$0 rks - Vic Thomas \$0 \$0 \$0 9 and 311 - ()	\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$0 \$0 \$0 Park (0.2500 MI \$0 \$0 \$0	\$0 \$0 \$0 \$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0 \$0 \$0 \$0	\$0 \$0 Remaining: \$0 \$0 \$0 Remaining:	\$ (\$0 \$ \$ (\$48,246
	6266 InCO 103345 0003 InCO unty	TIP: Obligated: Released: RR Grnwy-Bike/I TIP: Obligated: Released:	\$0 \$0 (\$0) Ped b/t Vic Thon \$0 \$0 \$0	\$0 \$0 (\$0) mas/Ghent Hill Pa \$0 \$0 (\$48,246)	\$0 \$0 \$0 rks - Vic Thomas \$0 \$0 \$0	\$0 \$0 \$0 \$0 \$0 Park; Ghent Hill \$0 \$0	\$0 \$0 \$0 Park (0.2500 MI \$0 \$0	\$0 \$0 \$0 \$0 \$0 }	\$0 \$0 \$0 \$0 \$0 \$0	\$0 \$0 Remaining: \$0 \$0 \$0	\$(\$0 (\$0 \$(\$0 (\$48,246 \$(\$48,246 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$

Roanoke MPO Study Area

						ource/Amount					
ocality	UPC / Descrip	otion	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
oanoke Co	ounty										
	97171 #HB2.	.FY17 Roan	noke Co, RRG, G	Freen Hilll Pk to R	iverside Pk - Gre	en Hill Park; Rive	erside Park (1.73	00 MI)			
	7171	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$
	0	Obligated:	\$0	\$0	\$0	\$0	\$28,193	\$0	\$0	\$0	\$28,19
										Remaining:	
oanoke Co	ounty										
	103607 Roand	oke Co., Pla		treetscape Impro			e 11); Gander W	ay / Friendship L	.n (0.7200 MI)		
	3607	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$
	0	Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$
	R	Released:	\$0	(\$540)	\$0	\$0	\$0	\$0	\$0	\$0	(\$540
										Remaining:	
lem											
llem	106486 Eddy	Ave Bike/P		id Smith Trail; Ph		River Greenway	• •				
lem	106486 Eddy / 0000	Ave Bike/P TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
lem	0000						• •	\$0 \$0	\$0 \$0	\$0 \$0	\$ \$3,20
lem	0000	TIP:	\$0	\$0	\$0	\$0	\$0				
	0000 O	TIP: Dbligated:	\$0 \$3,200	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0			\$0	
	0000 O 0 109611 GLAD	TIP: Dbligated: DE CREEK (\$0 \$3,200 GREENWAY, PH	\$0 \$0 IASE 2 - Int. Waln	\$0 \$0 ut Ave & 5th St; (\$0 \$0 Gus Nicks Blvd (\$0 \$0)	\$0	\$0	^{\$0} Remaining:	\$3,20
	0000 O 109611 GLAD 9611	TIP: Dbligated: DE CREEK (TIP:	\$0 \$3,200 GREENWAY, PH \$0	\$0 \$0 IASE 2 - Int. Waln \$0	\$0 \$0 ut Ave & 5th St; (\$0	\$0 \$0 Gus Nicks Blvd (\$0	\$0 \$0) \$0	\$0 \$0	\$0 \$0	\$0 Remaining: \$0	\$3,20
nton	0000 O 109611 GLAD 9611 O	TIP: Dbligated: DE CREEK (TIP: Dbligated:	\$0 \$3,200 GREENWAY, PH \$0 \$0	\$0 \$0 IASE 2 - Int. Waln \$0 \$0	\$0 \$0 ut Ave & 5th St; (\$0 \$0	\$0 \$0 Gus Nicks Blvd (\$0 \$0	\$0 \$0) \$0 \$0 \$0	\$0 \$0 \$0	\$0 \$0 \$0	\$0 Remaining: \$0 \$0 \$0	\$3,20 \$ \$ \$
	0000 O 109611 GLAD 9611 O	TIP: Dbligated: DE CREEK (TIP:	\$0 \$3,200 GREENWAY, PH \$0	\$0 \$0 IASE 2 - Int. Waln \$0	\$0 \$0 ut Ave & 5th St; (\$0	\$0 \$0 Gus Nicks Blvd (\$0	\$0 \$0) \$0	\$0 \$0	\$0 \$0	\$0 Remaining: \$0 \$0 \$0	\$3,20 \$ \$ \$
	0000 O 109611 GLAD 9611 O	TIP: Dbligated: DE CREEK (TIP: Dbligated:	\$0 \$3,200 GREENWAY, PH \$0 \$0	\$0 \$0 IASE 2 - Int. Waln \$0 \$0	\$0 \$0 ut Ave & 5th St; (\$0 \$0	\$0 \$0 Gus Nicks Blvd (\$0 \$0	\$0 \$0) \$0 \$0 \$0	\$0 \$0 \$0	\$0 \$0 \$0	\$0 Remaining: \$0 \$0 \$0	\$3,20
nton	0000 O 109611 GLAD 9611 O R	TIP: Dbligated: DE CREEK (TIP: Dbligated: Released:	\$0 \$3,200 GREENWAY, PH \$0 \$0 (\$1)	\$0 \$0 ASE 2 - Int. Wain \$0 \$0 \$0	\$0 \$0 ut Ave & 5th St; (\$0 \$0 \$0	\$0 \$0 Gus Nicks Blvd (\$0 \$0 \$0	\$0 \$0) \$0 \$0 \$0	\$0 \$0 \$0	\$0 \$0 \$0	\$0 Remaining: \$0 \$0 \$0	\$3,20
nton	0000 O 109611 GLAD 9611 O	TIP: Dbligated: DE CREEK (TIP: Dbligated: Released: UCTION : TR	\$0 \$3,200 GREENWAY, PH \$0 \$0 (\$1) RANSPORTATIO	\$0 \$0 ASE 2 - Int. Waln \$0 \$0 \$0 \$0 DN ENHANCEME	\$0 \$0 ut Ave & 5th St; (\$0 \$0 \$0 NT/BYWAY/NON-	\$0 \$0 Gus Nicks Blvd (\$0 \$0 \$0 TRADITIONAL S	\$0 \$0 \$0 \$0 \$0 \$0 JBTOTAL	\$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0	\$0 Remaining: \$0 \$0 \$0 Remaining:	\$3,20 \$ \$ (\$
nton	0000 O 109611 GLAD 9611 O R 9912901 - CONSTRU	TIP: Dbligated: DE CREEK (TIP: Dbligated: Released: JCTION : TF TIP:	\$0 \$3,200 GREENWAY, PH \$0 \$0 (\$1) RANSPORTATIO \$1,192,664	\$0 \$0 IASE 2 - Int. Waln \$0 \$0 \$0 DN ENHANCEMEI \$0	\$0 \$0 ut Ave & 5th St; (\$0 \$0 \$0 \$0 NT/BYWAY/NON- \$0	\$0 \$0 Gus Nicks Blvd (\$0 \$0 \$0 TRADITIONAL SI \$0	\$0 \$0 \$0 \$0 \$0 \$0 \$0 JBTOTAL \$2,530,374	\$0 \$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0 \$0	\$0 Remaining: \$0 \$0 \$0 Remaining: \$0	\$3,20 \$ \$ (\$1 \$3,723,03
nton	0000 O 109611 GLAD 9611 O R 9912901 - CONSTRU O	TIP: Dbligated: DE CREEK (TIP: Dbligated: Released: UCTION : TI TIP: Dbligated:	\$0 \$3,200 GREENWAY, PH \$0 \$0 (\$1) RANSPORTATIO \$1,192,664 \$3,200	\$0 \$0 ASE 2 - Int. Waln \$0 \$0 \$0 DN ENHANCEMEI \$0 \$83,784	\$0 \$0 ut Ave & 5th St; (\$0 \$0 \$0 NT/BYWAY/NON- \$0 \$0 \$0	\$0 \$0 Gus Nicks Blvd (\$0 \$0 \$0 •TRADITIONAL SI \$0 \$0 \$0	\$0 \$0 \$0 \$0 \$0 \$0 \$0 JBTOTAL \$2,530,374 \$28,193	\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$0 Remaining: \$0 \$0 \$0 \$0 Remaining: \$0 \$0 \$0 \$0	\$3,20 \$ \$ (\$1 \$3,723,03 \$115,17
nton	0000 O 109611 GLAD 9611 O R 9912901 - CONSTRU O	TIP: Dbligated: DE CREEK (TIP: Dbligated: Released: JCTION : TF TIP:	\$0 \$3,200 GREENWAY, PH \$0 \$0 (\$1) RANSPORTATIO \$1,192,664	\$0 \$0 IASE 2 - Int. Waln \$0 \$0 \$0 DN ENHANCEMEI \$0	\$0 \$0 ut Ave & 5th St; (\$0 \$0 \$0 \$0 NT/BYWAY/NON- \$0	\$0 \$0 Gus Nicks Blvd (\$0 \$0 \$0 TRADITIONAL SI \$0	\$0 \$0 \$0 \$0 \$0 \$0 \$0 JBTOTAL \$2,530,374	\$0 \$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0 \$0	\$0 Remaining: \$0 \$0 \$0 Remaining: \$0	\$3,20 \$ \$ (\$1

Roanoke MPO Study Area

a a a life c				CTD/CTDC		ource/Amount		DDOC	DEMO	CAFE	TOTAL
ocality	UPC / Des	scription	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
			T9912903	B - Maintenanc	e : Preventive	Maintenance	and System I	Preservation			
alem Distrie	ct-wide										
	106158 F	15 Plant Mix In	terstate District-	wide PM2S-962-F	15 - various; vari	ous (9.1100 MI)					
	6158	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$
	InCO	Obligated:	\$0	\$1,221,920	\$0	\$0	\$0	\$0	\$0	\$0	\$1,221,92
									F	Remaining:	
alem Distrie	ct-wide										
	106306 F	-16 Districtwide	e Interstate Latex		962-F16 - various	s; various (8.5100	•				
	6306	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$
	InCO	Obligated:	\$0	\$406,773	\$0	\$0	\$0	\$0	\$0	\$0	\$406,77
		_							F	Remaining:	
loanoke Co	untv										
		-15 Plant Mix -	Roanoke County	/ - Primaries PM2	K-080-F15 - vari	ous; various (4.0	600 MI)				
	5028	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$
	InCO	Obligated:	\$0	\$223,294	\$0	\$0	\$0	\$0	\$0	\$0	\$223,29
									F	Remaining:	
Botetourt Co	ounty										
	•										
	105035 F	-15 Plant Mix B	otetourt County -	- Primaries PM2I-	011-F15 - TRUCH	K WEIGHING SCA	LES; 0.23 MI. NO	ORTH BRIDGE / R	AIL ROAD (3.040	0 MI)	
	5035	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$
	InCO	Obligated:	\$0	\$832,970	\$0	\$0	\$0	\$0	\$0	\$0	\$832,97
									F	Remaining:	
										comanning.	
alem Distrie	ct-wide								•	tomaning.	
alem Distrie		-15 Districtwide	e Primary Latex S	Schedule LM2E-96	62-F15 - various;	various (11.7100	MI)		•	tomanniq.	
alem Distrie		- 15 Districtwide TIP:	e Primary Latex S \$0	chedule LM2E-96	62-F15 - various; \$0	various (11.7100 \$0	MI) \$0	\$0	• \$0	\$0	\$
alem Distrie	106160 F		•			•	•	\$0 \$0			\$ \$6,05

				STIP Gro	uping Det	ail				
				Roanoke M	PO Study Ar	ea				
			Federal O	bligated Fund	ds: 10/01/201	7 - 09/30/20 ²	8			
				Funding S	ource/Amoun	t				
Locality	UPC / Description	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
Botetourt Co	ounty									
	106318 F16 Plant Mix E			-011-F16 - ROAN				•		
	6318 TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$
	InCO Obligated:	\$0	\$1,544,351	\$0	\$0	\$0	\$0	\$0	\$0	\$1,544,35
									Remaining:	
Salem Distric		1: Preventive MN	and System Pres	ervation - (T1472	22)					
	0000 TIP:	\$0	\$8,391,501	\$0	\$0	\$0	\$0	\$0	\$0	\$8,391,50
	Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$
									Remaining:	\$8,391,50
T	9912903 - MAINTENANCE : P	REVENTIVE MAIN	TENANCE AND	SYSTEM PRESE	RVATION SUBTO	TAL				
T	9912903 - MAINTENANCE : P TIP:		NTENANCE AND \$8,391,501	SYSTEM PRESE	RVATION SUBTC \$0	OTAL \$0	\$0	\$0	\$0	\$8,391,50
T		\$0 \$0	\$8,391,501 \$4,235,359	\$0 \$0	\$0 \$0	\$0 \$0	\$0	\$0	\$0 \$0	\$8,391,50 \$4,235,35
Ţ	TIP:	\$0 \$0	\$8,391,501	\$0	\$0	\$0				

Roanoke MPO Study Area

					Funding S	Source/Amour	nt				
Locality l	UPC / De	scription	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
			T	9912904 - Mair	ntenance : Pro	eventive Main	tenance for B	ridges			
Roanoke								-			
	106836	BRIDGE REHAB	- LIBERTY ROA	AD OVER I-581 (S	TR. 21594) - 1.06	Mi. S. Int. Valley	view Blvd.; 0.60	Mi. N. Int. Orange	e Ave. (0.0200 MI)	
	0000	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$C
	InCO	Obligated:	\$915,417	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$915,417
										Remaining:	*
Botetourt Count	у										
	105539	Latex Concrete	Deck Overlay Br	idge Maintenance	e Project - 0.28 N	li. to Roanoke C	o. Line; 2.79 Mi. 1	to Rte. 220 (1.000	0 MI)		
	0081	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	InCO	Obligated:	\$334,976	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$334,976
										Remaining:	*
Salem District-w	vide										
	G721	STIP-MN Salem:	Preventive MN	for Bridges - (T14	4721)						
	0000	TIP:	\$0	\$5,452,802	\$0	\$0	\$0	\$1,753,772	\$0	\$0	\$7,206,574
		Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
										Remaining:	\$7,206,574
T991:	2904 - MAI	NTENANCE : PR	EVENTIVE MAIN	NTENANCE FOR 	BRIDGES SUBT	OTAL					
		TIP:	\$0	\$5,452,802	\$0	\$0	\$0	\$1,753,772	\$0	\$0	\$7,206,574
		Obligated:	\$1,250,393	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,250,393
		Released:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
										Remaining:	\$5,956,181

Roanoke MPO Study Area

	UPC / Des	cription	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
ocality	0107003	cription				- •			DEMO	UAIL	TOTAL
				T9912905 - N	laintenance :	Traffic and Sa	afety Operation	ons			
alem Distric											
			-	62-2: Interstate 8							
	0081	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	InCO	Obligated:	\$0	\$121,154	\$0	\$0	\$0	\$0	\$0	\$0	\$121,1
										Remaining:	
lem Distric	ct-wide										
	106877 R	REPLACE RPM I	LENSES - INTER	STATE 81, 581 &	77 - I-81 MM 87.4	4 ; I-77 MM 0; I-5	81 MM 0; I-81 MI	/I 173.9; I-77 MM	24.1; I-581 MM 6	.6 (234.4000 MI)	
										. ,	
	9999	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
			¢40 704	\$0	\$0	\$0	\$0	\$0	\$0	\$0	# 40 7
	InCO	Obligated:	\$10,784	φU	ΨΟ	ΨΟ	~ ~	ΨΟ	ΨΟ	ΨΟ	\$10,7
	InCO	Obligated:	\$10,784	φυ	φο	Ψ0	~	ΨŬ	Ψ0	Remaining:	\$10,7
oanoke Co		Obligated:	\$10,784	φυ		\$ 0		\$	ψ0 		\$10,7
oanoke Co	unty	U L		1-3, Rte. 419-Pos	·		`	·	ψU		\$10,7
oanoke Co	unty	U L		· .	·		`	·	\$0		
oanoke Cor	unty 98130 T	raffic Signal Up	ograde Task #16	1-3, Rte. 419-Pos	tal Dr. FY12 - at t	he intersection c	of; Rte. 419 and I	Postal Drive()		Remaining:	\$10,78
oanoke Cor	unty 98130 T 0419	raffic Signal Up TIP:	ograde Task #16 \$0	1-3, Rte. 419-Pos \$0	tal Dr. FY12 - at t \$0	he intersection c	of; Rte. 419 and I \$0	Postal Drive() \$0	\$0	Remaining: \$0 \$0	
	unty 98130 T 0419 InCO	raffic Signal Up TIP:	ograde Task #16 \$0	1-3, Rte. 419-Pos \$0	tal Dr. FY12 - at t \$0	he intersection c	of; Rte. 419 and I \$0	Postal Drive() \$0	\$0	Remaining:	
	unty 98130 T 0419 InCO	raffic Signal Up TIP:	ograde Task #16 \$0	1-3, Rte. 419-Pos \$0	tal Dr. FY12 - at t \$0	he intersection c	of; Rte. 419 and I \$0	Postal Drive() \$0	\$0	Remaining: \$0 \$0	
oanoke Coo alem Distric	unty 98130 T 0419 InCO ct-wide	raffic Signal Up TIP: Obligated:	ograde Task #16 \$0 \$0	1-3, Rte. 419-Pos \$0 \$9,495	tal Dr. FY12 - at t \$0 \$0	he intersection c \$0 \$0	of; Rte. 419 and I \$0 \$0	Postal Drive() \$0 \$0	\$0 \$0	Remaining: \$0 \$0 Remaining:	\$9,4
	unty 98130 T 0419 InCO ct-wide 79752 R	raffic Signal Up TIP: Obligated:	ograde Task #16 \$0 \$0 FFIC SIGNAL CC	1-3, Rte. 419-Post \$0 \$9,495 DNTRACT FOR 1/	tal Dr. FY12 - at t \$0 \$0 2007 THRU 12/20	he intersection c \$0 \$0	of; Rte. 419 and I \$0 \$0	Postal Drive() \$0 \$0	\$0 \$0	Remaining: \$0 \$0 Remaining:	\$9,4
	unty 98130 T 0419 InCO ct-wide 79752 R	raffic Signal Up TIP: Obligated: REGIONAL TRAI	ograde Task #16 \$0 \$0 FFIC SIGNAL CC	1-3, Rte. 419-Pos \$0 \$9,495	tal Dr. FY12 - at t \$0 \$0 2007 THRU 12/20	he intersection c \$0 \$0	of; Rte. 419 and I \$0 \$0	Postal Drive() \$0 \$0	\$0 \$0	Remaining: \$0 \$0 Remaining:	\$9,4 A PORTION
	unty 98130 T 0419 InCO ct-wide 79752 R	raffic Signal Up TIP: Obligated:	ograde Task #16 \$0 \$0 FFIC SIGNAL CC S; CN UPCS TO	1-3, Rte. 419-Pos \$0 \$9,495 DNTRACT FOR 1/ BE ESTABLISHE	tal Dr. FY12 - at t \$0 \$0 2007 THRU 12/20 D (0.0000 MI)	he intersection c \$0 \$0 \$0 008 - ADV FOR S	of; Rte. 419 and I \$0 \$0 OUTHWESTERN	Postal Drive() \$0 \$0	\$0 \$0 NINCLUDES SAL	Remaining: \$0 \$0 Remaining: EM, BRISTOL; &	\$9,4

Roanoke MPO Study Area

					Funding S	ource/Amoun	t				
ocality	UPC / Des	scription	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
Salem Distric	ct-wide										
	G720	STIP-MN Salem	: Traffic and Saf	ety Operations -	(T14720)						
	0000	TIP:	\$0	\$2,398,108	\$0	\$0	\$0	\$0	\$0	\$0	\$2,398,10
		Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$
										Remaining:	\$2,398,10
T	9912905 - MAIN	ITENANCE : TR	AFFIC AND SAF	ETY OPERATION	NS SUBTOTAL						
		TIP:	\$0	\$2,398,108	\$0	\$0	\$0	\$0	\$0	\$0	\$2,398,10
		Obligated:	\$195,784	\$130,649	\$0	\$0	\$0	\$0	\$0	\$0	\$326,433
		Released:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$
									-	Remaining:	\$2,071,67

Roanoke MPO Study Area

ocality	UPC / De	scription	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
			Т9	912906 - Const	truction : Safe	ety/ITS/Operati	ional Improv	ements			
oanoke Co	unty										
	99542	RTE. 81 - EXIT 14	0 Park 'N Ride	Facility Expansion	n - Int Rte 1128 a	nd Rte 1150; 0.17	Mi. West of Int	Rte 1128 and 11	50 (0.1700 MI)		
	0081	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	InCO	Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
		Released:	\$0	\$0	\$0	\$0	(\$13)	\$0	\$0	\$0	(9
										Remaining:	
lem Distrio	ct-wide										
	104046	RTES. 177 & 181 -	FY14-15 REPL	ACE SIGNS - Inter	state 77; Intersta	ite 81 ()					
	0081	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	InCO	Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
		D . I I	(\$20,628)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$20,
		Released:	(\$20,020)	ΨΟ	ΨΟ	ψυ	ΨΟ	ΨŬ	φυ	ψu	(ψ20,
anoko		Released:	(\$20,020)	ψυ	ΨΟ	ΨU	ψu	\$	ψŏ	Remaining:	(ψ20,
anoke		I-581 Exit 2 Interc	hange Study -	I-581; Peters Cree	k Road()			·		Remaining:	(ψ20,
anoke	113570 0581	I-581 Exit 2 Intero TIP:	hange Study - \$0	I-581; Peters Cree \$0	k Road() \$0	\$0	\$0	\$0	\$0	Remaining:	
anoke		I-581 Exit 2 Interc	hange Study -	I-581; Peters Cree	k Road()			·		Remaining: \$0 \$0	
	0581	I-581 Exit 2 Intero TIP:	hange Study - \$0	I-581; Peters Cree \$0	k Road() \$0	\$0	\$0	\$0	\$0	Remaining:	
	0581 ct-wide	I-581 Exit 2 Intero TIP: Obligated:	hange Study - \$0 \$0	I-581; Peters Cree \$0 \$0	k Road () \$0 \$0	\$0 \$0	\$0 \$120,000	\$0	\$0	Remaining: \$0 \$0	
anoke Iem Distric	0581 ct-wide 106428	I-581 Exit 2 Intero TIP: Obligated: INTERSTATE 81	hange Study - \$0 \$0 & 77 MARKING	I-581; Peters Cree \$0 \$0 RETRACE PHAS	k Road()	\$0 \$0 TRICT - VARIOUS	\$0 \$120,000	\$0 \$0	\$0 \$0	Remaining: \$0 \$0 Remaining:	\$120,
	0581 ct-wide 106428 9999	I-581 Exit 2 Interc TIP: Obligated: INTERSTATE 81 TIP:	hange Study - \$0 \$0 \$0 \$0 & 77 MARKING \$0	I-581; Peters Cree \$0 \$0 \$0 RETRACE PHAS \$0	k Road () \$0 \$0 E 1 - SALEM DIS \$0	\$0 \$0 TRICT - VARIOUS \$0	\$0 \$120,000 5; VARIOUS () \$0	\$0 \$0 \$0	\$0 \$0 \$0	Remaining: \$0 \$0 Remaining: \$0	
	0581 ct-wide 106428	I-581 Exit 2 Intero TIP: Obligated: INTERSTATE 81 TIP: Obligated:	hange Study - \$0 \$0 \$0 & 77 MARKING \$0 \$0	I-581; Peters Cree \$0 \$0 \$0 RETRACE PHAS \$0 \$0	k Road () \$0 \$0 E 1 - SALEM DIS \$0 \$0	\$0 \$0 TRICT - VARIOUS \$0 \$0	\$0 \$120,000 \$; VARIOUS () \$0 \$0	\$0 \$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0 \$0	Remaining: \$0 \$0 Remaining: \$0 \$0	\$120
	0581 ct-wide 106428 9999	I-581 Exit 2 Interc TIP: Obligated: INTERSTATE 81 TIP:	hange Study - \$0 \$0 \$0 \$0 & 77 MARKING \$0	I-581; Peters Cree \$0 \$0 \$0 RETRACE PHAS \$0	k Road () \$0 \$0 E 1 - SALEM DIS \$0	\$0 \$0 TRICT - VARIOUS \$0	\$0 \$120,000 5; VARIOUS() \$0	\$0 \$0 \$0	\$0 \$0 \$0	Remaining: \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$120
em Distric	0581 ct-wide 106428 9999 InCO	I-581 Exit 2 Intero TIP: Obligated: INTERSTATE 81 TIP: Obligated:	hange Study - \$0 \$0 \$0 & 77 MARKING \$0 \$0	I-581; Peters Cree \$0 \$0 \$0 RETRACE PHAS \$0 \$0	k Road () \$0 \$0 E 1 - SALEM DIS \$0 \$0	\$0 \$0 TRICT - VARIOUS \$0 \$0	\$0 \$120,000 \$; VARIOUS () \$0 \$0	\$0 \$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0 \$0	Remaining: \$0 \$0 Remaining: \$0 \$0	\$120
lem Distric	0581 ct-wide 106428 9999 InCO ct-wide	I-581 Exit 2 Interc TIP: Obligated: INTERSTATE 81 TIP: Obligated: Released:	change Study - \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	I-581; Peters Cree \$0 \$0 RETRACE PHAS \$0 \$0 \$0 \$0	k Road () \$0 \$0 E 1 - SALEM DIS \$0 \$0	\$0 \$0 TRICT - VARIOUS \$0 \$0	\$0 \$120,000 \$; VARIOUS () \$0 \$0	\$0 \$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0 \$0	Remaining: \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$120
lem Distric	0581 ct-wide 106428 9999 InCO ct-wide 109556	I-581 Exit 2 Interc TIP: Obligated: INTERSTATE 81 TIP: Obligated: Released: Safety Prescopin	<pre>shange Study - \$0 \$0 \$0 \$0 & 77 MARKING \$0 \$0 (\$12,645) g - Salem - ()</pre>	I-581; Peters Cree \$0 \$0 RETRACE PHAS \$0 \$0 \$0 \$0	k Road () \$0 \$0 E 1 - SALEM DIS \$0 \$0 \$0	\$0 \$0 TRICT - VARIOUS \$0 \$0 \$0 \$0	\$0 \$120,000 \$; VARIOUS () \$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0 \$0 \$0 \$0	Remaining: \$0 \$0 Remaining: \$0 \$0 \$0 Remaining:	\$120
	0581 ct-wide 106428 9999 InCO ct-wide	I-581 Exit 2 Interc TIP: Obligated: INTERSTATE 81 TIP: Obligated: Released:	change Study - \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	I-581; Peters Cree \$0 \$0 RETRACE PHAS \$0 \$0 \$0 \$0	k Road () \$0 \$0 E 1 - SALEM DIS \$0 \$0	\$0 \$0 TRICT - VARIOUS \$0 \$0	\$0 \$120,000 \$; VARIOUS () \$0 \$0	\$0 \$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0 \$0	Remaining: \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	

Roanoke MPO Study Area

						ource/Amoun					
Locality	UPC / Des	cription	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
Bedford Cou	inty										
	107053 F	t. 24 Bedford C	County - Safety I	mprovements - Re	oute 886; 0.26 m	iles East of Rout	e 635 (2.3400 MI)	1			
	0024	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		Obligated:	\$0	\$16,429	\$0	\$0	\$0	\$0	\$0	\$0	\$16,429
										Remaining:	*
Roanoke Co	•										
				rsection Safety In			•	, , , ,	^	A 2	A 0
	0115	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		Obligated:	\$109,050	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$109,050
										Remaining:	×
Botetourt Co	•				0.000 Mi March	- (D(- 40, 0.000	Mi Oanth at Du		`		
			•	arrow Structures	1			•		¢o	\$ 0
	0220	TIP:	\$0		\$0	\$0	\$0	\$0	\$0	\$0	\$0
	InCO	Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0 \$0	\$0
		Released:	\$0	(\$0)	\$0	\$0	\$0	\$0	\$0	¥ -	(\$0)
Bedford Cou										Remaining:	
	•	+ 221 Bedford	Co - Bike & Per	d Safety Improven	nonte - 0 09 milo	s North of Pouto	10/9: 0.06 miles	South of Route	621 ()		
	0221	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	0221	Obligated:	\$0		\$0	\$0	\$0	\$0	\$0	\$0	\$150.000
		Obligated.	Ψ°	\$100,000	\$	¢0	\$	4 3	Ψů	Remaining:	*
Roanoke Co	untv									Nemannig.	
	•	oute 311 - Roa	noke County - P	edestrian Safety	Improvements -	NCL Salem: 0.02	Mile North of I-8	1 SB Ramp (0.09	900 MI)		
	0311	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	InCO	Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		-	\$0	(\$28,641)	\$0	\$0	\$0	\$0	\$0	\$0	(\$28,641)
		Released:	ψυ	(\$20,011)	φυ						

Roanoke MPO Study Area

						ource/Amoun					
ocality	UPC / De	scription	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
loanoke Co	unty										
	111066	Pedestrian Bridg	ge over Rt. 311 -	Roanoke County	- Route 864; 0.2	miles North of R	loute 864()				
	0311	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$
		Obligated:	\$0	\$300,000	\$0	\$0	\$0	\$0	\$0	\$0	\$300,000
										Remaining:	
oanoke											
	109570	Orange Avenue/	Hollins Road S	ignal Upgrade - C	ity of Roanoke -	Route 460; Rout	e 115()				
	0460	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$
		Obligated:	\$0	\$18,288	\$0	\$0	\$0	\$0	\$0	\$0	\$18,28
						-	-			Remaining:	
loanoke Co	unty										
	103542	F14 Plant Mix -	Roanoke Count	y - Primaries PM2	K-080-F14 - (9.7	7900 MI)					
	3542	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$
	InCO	Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$
		Released:	(\$16,503)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$16,503
										Remaining:	
loanoke Co	unty										
	107055			ike & Ped Safety	•						
	9999	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$
		Obligated:	\$0	\$125,000	\$0	\$0	\$0	\$0	\$0	\$0	\$125,00
										Remaining:	
alem Distric											
	114335			ECTIVE SIGNAL							
	9999	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$
			¢о	001 0000	\$0	\$0	\$0	\$0	\$0	\$0	\$208,18
		Obligated:	\$0	\$208,189	ወ	φυ	ψŪ	ψυ	ψυ	ψŪ	φ200, IC

					STIP Gro	uping Det	ail				
					Roanoke M	PO Study Ar	ea				
				Federal Ob	oligated Fund	ds: 10/01/201	7 - 09/30/20 ⁻	18			
					Eunding S	ource/Amoun	4				
Locality	UPC / Des	cription	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
Salem	0.07200	onption		011/0120		O III/(Q		Direct	DEIIIO	0/11 2	101/12
	8753 #	HB2.FY17 Rte4	460 - Widen To 3	Ln w/ Bike Ln, Cu	urb, Sidewalk - 0.	.028 Mi. West of I	Route 311 (Thom	pson Memorial	Blvd.); 0.006 Mi.	West of Brand Av	ve. (0.5473 MI)
	0460	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$
	InCO	Obligated:	\$1,456,492		\$0	\$0	\$0	\$0	\$0	\$0	\$1,456,49
		.								Remaining:	
Roanoke Cou	nty										
	15190 R	TE 688 - RECC	ONSTRUCTION -	0.056 MILE SOUT	TH ROUTE 221; 0	.105 MILE SOUT	H ROUTE 934 (0	.6566 MI)			
	0688	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$
	InCO	Obligated:	\$0	\$125,121	\$0	\$0	\$0	\$0	\$0	\$0	\$125,12
										Remaining:	
Roanoke Cou	•										
				RAINAGE STRUCT					•		
	1663	TIP:	\$0		\$0	\$0	\$0	\$0	\$0	\$0	\$
		Obligated:	\$0		\$0	\$0	\$0	\$0	\$0	\$0	\$
		Released:	\$0	(\$81,951)	\$0	\$0	\$0	\$0	\$0	\$0	(\$81,951
	lanal. Daanala	- 1400								Remaining:	
viuiti-jurisaici	tional: Roanok G999 C			L/IMPROVEMENT	S (T19000)						
	0000	TIP:	\$2,746,302		3 - (118999) \$0	\$0	\$0	\$0	\$0	\$0	\$3,508,30
	0000	Obligated:	\$0		\$0	\$0	\$0	\$0	\$0	\$0	\$3,500,50
		Obligated.	~	\$	\$	φ	\$	4 0	φ°	Remaining:	\$3,508,30
										Romannig.	\$3,000,00
Salem Distric	t-wide										
alem Distric		ommitted Safe	ety Projects-Sale	m - various; vario	ous (0.0000 MI)						
alem Distric		committed Safe	ety Projects-Sale \$0	em - various; vario \$0	ous (0.0000 MI) \$0	\$0	\$0	\$0	\$0	\$0	\$
alem Distric	106552 C			\$0	· · · ·	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$

STIP Grouping Detail

Roanoke MPO Study Area

					Funding S	Source/Amoun	t				
Locality	UPC / Des	scription	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
Salem Distrie	ct-wide										
	108517	ADA COMPLIAN	ICE IN SALEM [DISTRICT - VARIO	US; VARIOUS ()					
	8517	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	InCO	Obligated:	\$0	\$84,776	\$0	\$0	\$0	\$0	\$0	\$0	\$84,776
										Remaining:	k
Т	9912906 - CON	STRUCTION : S	AFETY/ITS/OPE	ERATIONAL IMPR	OVEMENTS SUE	BTOTAL					
		TIP:	\$2,746,302	\$762,000	\$0	\$0	\$0	\$0	\$0	\$0	\$3,508,302
		Obligated:	\$1,565,542	\$1,430,445	\$0	\$0	\$120,000	\$0	\$0	\$0	\$3,115,987
		Released:	(\$49,777)	(\$157,001)	\$0	\$0	(\$13)	\$0	\$0	\$0	(\$206,790)
									-	Remaining:	\$392,315

STIP Grouping Detail

Roanoke MPO Study Area

Locality	UPC / Des	scription	NHS/NHP	STP/STBG	Funding Sou	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
Locality	UPC / Des	scription				- •	-		-	JAFE	TUTAL
			T9912907 ·	 Constructior 	n : Bridge Reha	bilitation/Re	placement/R	econstructio	n		
Botetourt Cou	unty										
	77300	RTE. 11 OVER TIN	IKER CREEK (S	STR 03166) - BRII		NT - 0.04 Mile N	lorth of Route 10	39: 0.13 Mile No	orth of Route 10	39 (0.1100 MI)	
				-							
	0011	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$
		Obligated:	\$124,580	\$218	\$0	\$0	\$0	\$4,360	\$0	\$0	\$129,15
										Remaining:	
Botetourt Cou											
		RTE. 11 OVER TIN		5TR. 3167) - BRID \$0			0.09 Mile North \$0		.0900 MI) \$0	¢0	
	0011	TIP:	\$0 \$0	\$0	\$0 \$0	\$0 \$0	\$0	\$0 \$0	\$0	\$0 \$0	\$ \$
		Obligated:	Ф О	\$67,090	Ф О	Ф О	Ф О	Ф О	Ф О	Remaining:	\$67,09
										Remaining:	
Roanoke Cou	•	RTE 220 OVER B	ACK CREEK (S	TR 14935) - BRII	GE REPLACEME	NT - 0 199 MI S		= 657· 0 331 MU			11)
Roanoke Cou	•	RTE. 220 OVER B/	ACK CREEK (S	TR. 14935) - BRII	DGE REPLACEMEI	NT - 0.199 MI So \$0	OUTH OF ROUT	E 657; 0.331 MI	NORTH OF ROU		-
Roanoke Cou	82193 I		•	•						JTE 657 (0.5310 M	\$
Roanoke Cou	82193 I	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	UTE 657 (0.5310 N \$0	\$
Roanoke Cou Roanoke Cou	82193 I 0220	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	UTE 657 (0.5310 N \$0 \$0	\$(
	82193 I 0220 nty	TIP:	\$0 \$886,019 ARTINS CREEP	\$0 \$2,486,587 X (STR. 14945) - E	\$0 \$0 BRIDGE REPLACE	\$0 \$0	\$0 \$0 5. Int Rte 696; 0.0	\$0 \$0	\$0 \$0 696 ()	UTE 657 (0.5310 N \$0 \$0	\$(
	82193 I 0220 nty	TIP: Obligated:	\$0 \$886,019 ARTINS CREEF \$0	\$0 \$2,486,587 K (STR. 14945) - E \$0	\$0 \$0 BRIDGE REPLACE \$0	\$0 \$0	\$0 \$0 5. Int Rte 696; 0.0 \$0	\$0 \$0	\$0 \$0 696 () \$0	UTE 657 (0.5310 N \$0 \$0	\$3,372,600
	82193 0220 nty 94726	TIP: Obligated: RTE. 221 OVER M.	\$0 \$886,019 ARTINS CREEP	\$0 \$2,486,587 X (STR. 14945) - E	\$0 \$0 BRIDGE REPLACE	\$0 \$0 MEN - 0.01 mi \$	\$0 \$0 5. Int Rte 696; 0.0	\$0 \$0	\$0 \$0 696 ()	UTE 657 (0.5310 N \$0 \$0 Remaining: \$0 \$0 \$0	\$3,372,60
Roanoke Cou	82193 0220 nty 94726	TIP: Obligated: RTE. 221 OVER M. TIP:	\$0 \$886,019 ARTINS CREEF \$0	\$0 \$2,486,587 K (STR. 14945) - E \$0	\$0 \$0 BRIDGE REPLACE \$0	\$0 \$0 MEN - 0.01 mi \$ \$0	\$0 \$0 5. Int Rte 696; 0.0 \$0	\$0 \$0 01 mi N. Int. Rte \$0	\$0 \$0 696 () \$0	UTE 657 (0.5310 N \$0 \$0 Remaining: \$0	\$ \$3,372,600
	82193 0220 nty 94726 0221	TIP: Obligated: RTE. 221 OVER M/ TIP: Obligated:	\$0 \$886,019 ARTINS CREEF \$0 \$0	\$0 \$2,486,587 ((STR. 14945) - E \$0 \$745,734	\$0 \$0 BRIDGE REPLACE \$0 \$0	\$0 \$0 MEN - 0.01 mi \$ \$0 \$0	\$0 \$0 5. Int Rte 696; 0.0 \$0 \$0	\$0 \$0 01 mi N. Int. Rte \$0 \$0	\$0 \$0 696 () \$0	UTE 657 (0.5310 N \$0 \$0 Remaining: \$0 \$0 \$0	\$ \$3,372,600
Roanoke Cou	82193 0220 nty 94726 0221 110574 #	TIP: Obligated: RTE. 221 OVER M/ TIP: Obligated: #SGR - Apperson	\$0 \$886,019 ARTINS CREEF \$0 \$0 Drive Bridge Re	\$0 \$2,486,587 ((STR. 14945) - E \$0 \$745,734 eplacement - Eas	\$0 \$0 BRIDGE REPLACE \$0 \$0 \$0	\$0 \$0 MEN - 0.01 mi \$ \$0 \$0 Route 419 - Ele	\$0 \$0 5. Int Rte 696; 0.0 \$0 \$0 ctric Road (0.09	\$0 \$0 01 mi N. Int. Rte \$0 \$0 00 MI)	\$0 \$0 696 () \$0 \$0	UTE 657 (0.5310 M \$0 \$0 Remaining: \$0 \$0 Remaining:	\$ \$3,372,60 \$ \$745,73
Roanoke Cou	82193 0220 nty 94726 0221	TIP: Obligated: RTE. 221 OVER M/ TIP: Obligated: #SGR - Apperson TIP:	\$0 \$886,019 ARTINS CREEP \$0 \$0 Drive Bridge Re \$0	\$0 \$2,486,587 (STR. 14945) - E \$0 \$745,734 eplacement - Eas \$0	\$0 \$0 BRIDGE REPLACE \$0 \$0 t Riverside Drive; \$0	\$0 \$0 MEN - 0.01 mi \$ \$0 \$0 Route 419 - Ele \$0	\$0 \$0 5. Int Rte 696; 0.0 \$0 \$0 ctric Road (0.09	\$0 \$0 01 mi N. Int. Rte \$0 \$0 00 MI) \$0	\$0 \$0 696 () \$0 \$0 \$0	UTE 657 (0.5310 M \$0 80 Remaining: \$0 80 Remaining:	\$(\$3,372,600 \$(\$745,734 \$(\$
Roanoke Cou	82193 0220 nty 94726 0221 110574 #	TIP: Obligated: RTE. 221 OVER M/ TIP: Obligated: #SGR - Apperson	\$0 \$886,019 ARTINS CREEF \$0 \$0 Drive Bridge Re	\$0 \$2,486,587 ((STR. 14945) - E \$0 \$745,734 eplacement - Eas	\$0 \$0 BRIDGE REPLACE \$0 \$0 \$0	\$0 \$0 MEN - 0.01 mi \$ \$0 \$0 Route 419 - Ele	\$0 \$0 5. Int Rte 696; 0.0 \$0 \$0 ctric Road (0.09	\$0 \$0 01 mi N. Int. Rte \$0 \$0 00 MI)	\$0 \$0 696 () \$0 \$0	UTE 657 (0.5310 M \$0 \$0 Remaining: \$0 \$0 Remaining:	II) \$3,372,600 \$4 \$745,734 \$745,734 \$4 \$4 \$4 \$4 \$4 \$4 \$4 \$280,000

					STIP Gro	uping Det	ail				
					Roanoke M	PO Study Ar	ea				
				Federal Ob	oligated Fun	ds: 10/01/201	7 - 09/30/201	18			
					Funding S	ource/Amoun	t				
ocality	UPC / Dese	cription	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
Bedford Cour	nty										
	62650 #\$	GR RTE. 634 0	OVER ROANOKE	E RIVER (STR. 02	2718) - BRIDGE R	EPLA - 0.19 Mi. \	Vest of Franklin	County Line; 0.1	2 Mi. East of Be	dford County Lin	e (0.3100 MI)
	0634	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$
		Obligated:	\$5,737,597	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,737,59
		Released:	\$0	(\$8,083)	\$0	\$0	\$0	\$0	\$0	\$0	(\$8,083
										Remaining:	
Sotetourt Cou	•										
				placements - Bot							
	1533	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$
	InCO	Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$
		Released:	\$0	(\$0)	\$0	\$0	\$0	\$0	\$0	\$0	(\$0
										Remaining:	
ulti-jurisdict	tional: Roanoke										
				ACEMENT - (T1		¢0	\$0	¢000.005	¢o	¢0	\$005.44
	0000	TIP:	\$582,888 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0	\$302,225 \$0	\$0 \$0	\$0 \$0	\$885,11
		Obligated:	ΦU	Ф О	Ф О	Ф О	2 0	Ф О	Ф О		\$ \$885,11;
										Remaining:	\$885,11
То	012007 CONS			ITATION/REPLA			PTOTAL				
19	1912907 - CONS	TIP:	\$582,888	S0	SEIVIENT/RECOI	\$0 \$0	STOTAL \$0	\$302,225	\$0	\$0	\$885,11
		Obligated:	\$6,748,196	\$3,299,629	\$0	\$0 \$0	\$0 \$0	\$4,360	\$0	\$0 \$0	\$10,052,18
		Released:	\$0	(\$288,083)	\$0	\$0 \$0	\$0	\$0	\$0	\$0	(\$288,083
		Neleasea.	<i>*•</i>	(+====,===)	••	40	<i>+•</i>	.		Remaining:	(\$200,000
										Kemannig.	
	MPG	SUBTOTAL									
		TIP:	\$4,521,854	\$17,004,411	\$0	\$0	\$2,530,374	\$2,055,997	\$0	\$0	\$26,112,63
		Obligated:	\$9,763,115	\$9,179,866	\$0	\$0	\$148,193	\$4,360	\$0	\$0	\$19,095,53
		-		(\$402.000)	\$0	\$0	(\$42)		\$0		
		Released:	(\$89,749)	(\$493,869)	Ф О	φU	(\$13)	\$0	\$ U	\$0	(\$583,631

APPENDIX B: Grouped Projects

					STIP Trar	nsaction	S				
					Roanoke MP	O Study Are	ea				
				Federal Ol	bligated Funds	: 10/01/201	7 - 09/30/201	8			
					Funding Sou	urce/Amount					
ocality	UPC / Des	scription	NHS/NHP	STP/STBG		CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
					Inter	state					
otetourt Co	ounty										
	75910 I	Route 11,220,22	20A Access Mana	agement Project a	at I-81 Exit 150 - 0.3	0 MILE SOUTH	OF ROUTE 220	0.74 MILE NORT	H OF ROUTE 2	20 (1.0410 MI)	
	0081	TIP:	\$0	\$289,648	\$0	\$0	\$0	\$0	\$0	\$0	\$289,6
		Obligated:	\$701,595	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$701,5
			-		-	-		-		Remaining:	
oanoke Co	•										
	110395 # 0081	#HB2.F¥17 I-81 TIP:	AUX LANE FRO \$923,587	WEXII 141 10 14 \$0	3 DEBT SERVICE - \$0	\$0	\$0	\$0	\$0	\$0	\$923,5
	0081	Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	ψ920,0
		obligated.								Remaining:	\$923,5
oanoke Co	unty										
	111983 #	#SMART18 - 81	SB Aux Ln frm E	Exit 143-141 GAR	VEE Debt Service -	()					
	0081	TIP:	\$212,115	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$212,1
		Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
										Remaining:	\$212,1
oanoke											
	16595 I	RTE 581 - VALL	EY VIEW INTER	CHANGE PHASE	II - 0.300 MI. S. ROU	JTE 101 (HERS	HBERGER ROA	D); 1.560 MI. S. R	OUTE 101 (HER	SHBERGER ROA	AD) (1.2600 N
	0581	TIP:	\$7,441,836	\$96,743	\$0	\$0	\$0	\$0	\$0	\$0	\$7,538,5
	InCO	Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$7,626,914	\$0	\$7,626,9

Roanoke MPO Study Area

			Funding S	ource/Amour	nt 👘				
PC / Description	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
ITERSTATE SUBTOTAL									
TIP:	\$8,577,538	\$386,391	\$0	\$0	\$0	\$0	\$0	\$0	\$8,963,929
Obligated:	\$701,595	\$0	\$0	\$0	\$0	\$0	\$7,626,914	\$0	\$8,328,509
Released:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
							-	Remaining:	\$635,420
	TERSTATE SUBTOTAL TIP: Obligated:	TERSTATE SUBTOTAL TIP: \$8,577,538 Obligated: \$701,595	TERSTATE SUBTOTAL TIP: \$8,577,538 \$386,391 Obligated: \$701,595 \$0	TERSTATE SUBTOTAL TIP: \$8,577,538 \$386,391 \$0 Obligated: \$701,595 \$0 \$0	TERSTATE SUBTOTAL TIP: \$8,577,538 \$386,391 \$0 \$0 Obligated: \$701,595 \$0 \$0 \$0	TERSTATE SUBTOTAL TIP: \$8,577,538 \$386,391 \$0	TERSTATE SUBTOTAL TIP: \$8,577,538 \$386,391 \$0 0	TERSTATE SUBTOTAL TIP: \$8,577,538 \$386,391 \$0 \$7,626,914 \$0	TERSTATE SUBTOTAL TIP: \$8,577,538 \$386,391 \$0 \$0 \$0 \$0 \$0 \$0 Obligated: \$701,595 \$0 \$0 \$0 \$0 \$0 \$0 \$0 Released: \$0 \$0 \$0 \$0 \$0 \$0 \$0

Roanoke MPO Study Area

ocality	UPC / Descriptio	n NHS/N	IHP S	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
					Prin	nary					
Roanoke Co	unty					-					
					ed median055						
	0011	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	S
	InCO Oblig	ated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	ç
a an aka Ca										Remaining:	
Roanoke Co		Plantation Pd (orridor l	mprovomonte - 19	31; Rte.11 (Willian	son Road) (0 '	7200 MI)				
	0115	TIP:	\$0 \$0	so		\$0	\$0 \$0	\$0	\$0	\$0	(
		ated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	O Shi								Ţ.	Remaining:	
Roanoke Co	unty									Romanny.	
	96139 ARRA-C	Roanoke 221 Re	construc	t to 4 Lanes (CN	Phase Only) - 0.0	35 km. S. Rte. (688; 1.478 km N.	Rte. 688 (1.5120	KM)		
	0221	TIP:	\$0	(\$974,883)	\$0	\$0	\$0	\$0	\$0	\$0	(\$974,88
	InCO Oblig	ated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	S
										Remaining:	
Roanoke Co	unty										
							044.0 54.440				
	108904 #HB2.FY [·]	7 Route 311 / R	oute 419	Int. Safety & Con	gestion Imp - Inte	rsection of Rt	e 311 & Rte 419;	Intersection of I	te 311 & Rte 419	(0.1000 MI)	
	0311	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	9
	Oblig	ated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	9
	·			I	1	I	I	1		Remaining:	
	PRIMARY SUBT					. –					
		TIP:	\$0	(\$974,883)	\$0	\$0	\$0	\$0	\$0	\$0	(\$974,88
		ated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	Rele	ased:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	ę
										Remaining:	

Roanoke MPO Study Area

				CTD/CTDC		urce/Amount		DDOC	DEMO	CAFE	TOTAL
Locality	UPC / Des	scription	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
					Ur	ban					
Roanoke											
	108896 #	HB2.FY17 Colo	onial Avenue Imp	rovements - Wind	ding Way Road SW	l; Overland Roa	d SW (0.5000 M	I)			
	8001	TIP:	\$383,116	\$201,166	\$0	\$0	\$0	\$0	\$0	\$0	\$584,28
		Obligated:	\$383,116	\$201,166	\$0	\$0	\$0	\$0	\$0	\$0	\$584,28
		_								Remaining:	
oanoke City											
					VE; .08 MILE NOR		•				
	688	TIP:	\$0	\$0	\$950,875	\$0	\$0	\$0	\$0	\$0	\$950,87
		Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$
										Remaining:	\$950,87
alem			_								
alem					VEMENTS - PE O		•				
alem	0011	TIP:	\$0	\$0	\$0	\$0	\$0	\$1,570,232	\$0	\$0	
alem							•			\$0	\$
	0011	TIP:	\$0	\$0	\$0	\$0	\$0	\$1,570,232	\$0	· · ·	\$1,570,23 \$ \$1,570,23
Salem Vinton	0011 InCO	TIP: Obligated:	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$1,570,232	\$0	\$0	\$
	0011 InCO 105213 F	TIP: Obligated: Rte.U000 - Waln	\$0 \$0 ut Ave Ph. I - SW	\$0 \$0 /, Stripe, Xwalks {	\$0 \$0 & Landscape - 5th	\$0 \$0 St.; W. Lee Ave.	\$0 \$0	\$1,570,232 \$0	\$0 \$0	\$0 Remaining:	\$ \$1,570,23
	0011 InCO	TIP: Obligated: Rte.U000 - Waln TIP:	\$0 \$0 ut Ave Ph. I - SW \$0	\$0 \$0 /, Stripe, Xwalks ٤ \$0	\$0 \$0 & Landscape - 5th \$0	\$0 \$0 St.; W. Lee Ave. \$0	\$0 \$0 () \$0	\$1,570,232 \$0 \$0	\$0 \$0 \$0	\$0 Remaining: \$0	\$ \$1,570,23 \$
	0011 InCO 105213 F	TIP: Obligated: Rte.U000 - Waln TIP: Obligated:	\$0 \$0 ut Ave Ph. I - SW \$0 \$0	\$0 \$0 7, Stripe, Xwalks 8 \$0 \$0	\$0 \$0 & Landscape - 5th \$0 \$0	\$0 \$0 St.; W. Lee Ave. \$0 \$0	\$0 \$0 () \$0 \$0	\$1,570,232 \$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0 \$0	\$0 Remaining: \$0 \$0 \$0	\$ \$1,570,23 \$ \$ \$
	0011 InCO 105213 F	TIP: Obligated: Rte.U000 - Waln TIP:	\$0 \$0 ut Ave Ph. I - SW \$0	\$0 \$0 /, Stripe, Xwalks ٤ \$0	\$0 \$0 & Landscape - 5th \$0	\$0 \$0 St.; W. Lee Ave. \$0	\$0 \$0 () \$0	\$1,570,232 \$0 \$0	\$0 \$0 \$0	\$0 Remaining: \$0 \$0 \$0 \$0 \$0	۹ \$1,570,23 ۹
	0011 InCO 105213 F	TIP: Obligated: Rte.U000 - Waln TIP: Obligated:	\$0 \$0 ut Ave Ph. I - SW \$0 \$0	\$0 \$0 7, Stripe, Xwalks 8 \$0 \$0	\$0 \$0 & Landscape - 5th \$0 \$0	\$0 \$0 St.; W. Lee Ave. \$0 \$0	\$0 \$0 () \$0 \$0	\$1,570,232 \$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0 \$0	\$0 Remaining: \$0 \$0 \$0	\$1,570,23
	0011 InCO 105213 F 5213	TIP: Obligated: Rte.U000 - Waln TIP: Obligated: Released:	\$0 \$0 ut Ave Ph. I - SW \$0 \$0	\$0 \$0 7, Stripe, Xwalks 8 \$0 \$0	\$0 \$0 & Landscape - 5th \$0 \$0	\$0 \$0 St.; W. Lee Ave. \$0 \$0	\$0 \$0 () \$0 \$0	\$1,570,232 \$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0 \$0	\$0 Remaining: \$0 \$0 \$0 \$0 \$0	۹ \$1,570,23 ۹
	0011 InCO 105213 F 5213	TIP: Obligated: Rte.U000 - Waln TIP: Obligated: Released:	\$0 \$0 ut Ave Ph. I - SW \$0 \$0 \$0	\$0 \$0 7, Stripe, Xwalks 8 \$0 \$0 \$0	\$0 \$0 & Landscape - 5th \$0 \$0 \$0	\$0 \$0 St.; W. Lee Ave. \$0 \$0 \$0	\$0 \$0 () \$0 (\$70,400)	\$1,570,232 \$0 \$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0 \$0 \$0	\$0 Remaining: \$0 \$0 \$0 Remaining:	\$ \$1,570,23 \$ \$ (\$70,400
-	0011 InCO 105213 F 5213	TIP: Obligated: Rte.U000 - Waln TIP: Obligated: Released: N SUBTOTAL TIP:	\$0 \$0 ut Ave Ph. I - SW \$0 \$0 \$0 \$0 \$0	\$0 \$0 ', Stripe, Xwalks 8 \$0 \$0 \$0 \$0 \$0 \$0	\$0 \$0 & Landscape - 5th \$0 \$0 \$0 \$0 \$0	\$0 \$0 St.; W. Lee Ave. \$0 \$0 \$0 \$0	\$0 \$0 () \$0 (\$70,400) \$0 (\$70,400)	\$1,570,232 \$0 \$0 \$0 \$0 \$0 \$0 \$1,570,232	\$0 \$0 \$0 \$0 \$0 \$0 \$0	\$0 Remaining: \$0 \$0 \$0 Remaining: \$0	\$ \$1,570,23 \$ (\$70,40) \$3,105,38
	0011 InCO 105213 F 5213	TIP: Obligated: Rte.U000 - Waln TIP: Obligated: Released:	\$0 \$0 ut Ave Ph. I - SW \$0 \$0 \$0	\$0 \$0 7, Stripe, Xwalks 8 \$0 \$0 \$0	\$0 \$0 & Landscape - 5th \$0 \$0 \$0	\$0 \$0 St.; W. Lee Ave. \$0 \$0 \$0	\$0 \$0 () \$0 (\$70,400)	\$1,570,232 \$0 \$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0 \$0 \$0	\$0 Remaining: \$0 \$0 \$0 Remaining:	\$ \$1,570,23 \$

Roanoke MPO Study Area

ocality	UPC / Description	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
				Se	condary					
	0 No projects ide	ntified in the MP	O Area							
	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	ç
									Remaining:	
	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	Ş
	Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	9
	Released:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	ş
								_	Remaining:	

Roanoke MPO Study Area

				Funding S	ource/Amoun	t				
ocality	UPC / Description	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
				Misc	ellaneous					
	0 No projects ide	ntified in the MF	PO Area							
	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	S
			· · ·						Remaining:	
	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	9
	Released:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$
								-	Remaining:	

Roanoke MPO Study Area

				Funding S	ource/Amoun	t				
ocality	UPC / Description	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
				Public Tr	ansportation					
	0 No projects id	entified in the MF								
	TIP			\$0	\$0	\$0	\$0	\$0	\$0	
			· · ·						Remaining:	
	TIP	: \$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	Obligated	: \$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	Released	: \$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
								-	Remaining:	

Roanoke MPO Study Area

				Funding S	ource/Amoun	t				
ocality	UPC / Description	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
					Rail					
	0 No projects ide	ntified in the MF	PO Area							
	TIP:	\$C	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
									Remaining:	*
	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Obligated:	\$0) \$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Released:	\$0) \$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
								-	Remaining:	*

Roanoke MPO Study Area

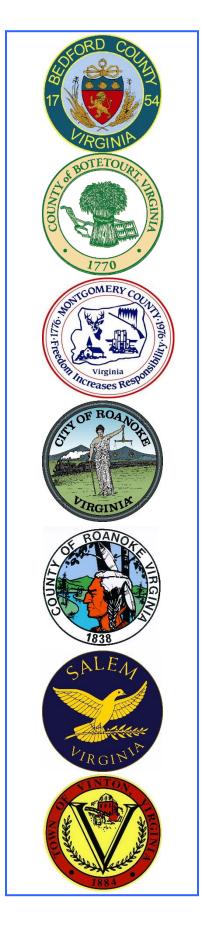
				T analig 0	ource/Amoun					
ocality	UPC / Description	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
				Enha	incement					
	0 No projects ide	entified in the MP	O Area							
	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$
									Remaining:	
	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$
	Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$
	Released:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$
									Remaining:	

Roanoke MPO Study Area

cality	UPC / Descri	iption	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
					Grou	iping					
	G901 Cons	struction : Tr	ransportation Er	nhancement/Bywa	ay/Non-Traditiona	- (T9912901)					
	2901	TIP:	\$1,192,664	\$0	\$0	\$0	\$2,530,374	\$0	\$0	\$0	\$3,723,03
		Obligated:	\$3,200	\$83,784	\$0	\$0	\$28,193	\$0	\$0	\$0	\$115,17
		Released:	(\$39,972)	(\$48,786)	\$0	\$0	\$0	\$0	\$0	\$0	(\$88,758
										Remaining:	\$3,607,86
				•	m Preservation - (
	2903	TIP:	\$0	\$8,391,501	\$0	\$0	\$0	\$0	\$0	\$0	\$8,391,50
		Obligated:	\$0	\$4,235,359	\$0	\$0	\$0	\$0	\$0	\$0	\$4,235,35
		Obligated.									
		Obligated.		l	I					Remaining:	\$4,156,14
					· · · · · · · · · · · · · · · · · · ·					Remaining:	\$4,156,14
	G904 Main	ntenance : Pr		nance for Bridges		¢0	¢0	¢4 750 770	to.		
	G904 Main 2904	ntenance : Pr TIP:	\$0	\$5,452,802	\$0	\$0	\$0	\$1,753,772	\$0	\$0	\$7,206,57
	G904 Main 2904	ntenance : Pr				\$0 \$0	\$0 \$0	\$1,753,772 \$0	\$0 \$0	\$0 \$0	\$7,206,57 \$1,250,39
	G904 Main 2904	ntenance : Pr TIP:	\$0	\$5,452,802	\$0					\$0	\$7,206,57 \$1,250,39
	G904 Main 2904	ntenance : Pr TIP: Obligated:	\$0 \$1,250,393	\$5,452,802 \$0	\$0 \$0					\$0 \$0	\$7,206,57 \$1,250,39
	G904 Main 2904 G905 Main	ntenance : Pr TIP: Obligated: ntenance : Tr	\$0 \$1,250,393 affic and Safety	\$5,452,802 \$0 Operations - (T9	\$0 \$0 912905)	\$0	\$0	\$0	\$0	\$0 \$0 Remaining:	\$7,206,57 \$1,250,39 \$5,956,18
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Roanoke MPO Study Area

				Funding S	ource/Amoun	t				
Locality	UPC / Description	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
		Bridge Rehabilita	•							
	2907 TIP:	\$582,888	\$0	\$0	\$0	\$0	\$302,225	\$0	\$0	\$885,113
	Obligated:	\$6,748,196	\$3,299,629	\$0	\$0	\$0	\$4,360	\$0	\$0	\$10,052,185
	Released:	\$0	(\$288,083)	\$0	\$0	\$0	\$0	\$0	\$0	(\$288,083)
	-								Remaining:	*
	GROUPING SUBTOTAL									
	TIP:	\$4,521,854	\$17,004,411	\$0	\$0	\$2,530,374	\$2,055,997	\$0	\$0	\$26,112,636
	Obligated:	\$9,763,115	\$9,179,866	\$0	\$0	\$148,193	\$4,360	\$0	\$0	\$19,095,534
	Released:	(\$89,749)	(\$493,869)	\$0	\$0	(\$13)	\$0	\$0	\$0	(\$583,631)
								-	Remaining:	\$7,017,102
	MPO SUBTOTAL									
	TIP:	\$13,482,508	\$16,617,085	\$950,875	\$0	\$2,530,374	\$3,626,229	\$0	\$0	\$37,207,071
	Obligated:	\$10,847,826	\$9,381,032	\$0	\$0	\$148,193	\$4,360	\$7,626,914	\$0	\$28,008,325
	Released:	(\$89,749)	(\$493,869)	\$0	\$0	(\$70,413)	\$0	\$0	\$0	(\$654,031)
								-	Remaining:	\$9,198,746



Annual Listing of Transportation Project Obligations

Federal Fiscal Year 2019

(October 1, 2018 to September 30, 2019)



January 2020

The information presented in this document is provided by the Virginia Department of Transportation and the Virginia Department of Rail and Public Transportation. The Roanoke Valley Transportation Planning Organization has reorganized the projects by jurisdiction for ease of reference. The original spreadsheets developed by VDOT are included in the appendices.

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APPENDIX B: Grouped Projects

DOCUMENT DESCRIPTION

The Roanoke Valley Transportation Planning Organization (RVTPO) Transportation Improvement Program (TIP) is a listing of transportation projects over a three-year period, which will be funded, at least in part, with funds from the Federal Highway Administration (FHWA) and/or Federal Transit Administration (FTA).

The current TIP covers the years 2018 through 2021 and lists the estimated cost for each phase of all projects. Project schedules often change as a result of personnel or consultant availability for design activities, or changes in budget resource availability. Thus, the TIP does not always yield an up-to-date picture of actual project expenditures. To ensure that the public will have an accurate understanding of how federal funds are actually being spent on transportation projects, Congress included in the Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users (SAFETEA-LU) legislation of 2005, the 2012 Moving Ahead for Progress in the 21st Century Act (MAP-21), and the 2015 Fixing America's Surface Transportation Act (FAST Act) a requirement that the organizations responsible for approving the Transportation Improvement Program publish an Annual Listing of Transportation Project Obligations.

What are "project obligations"?

An **obligation** is the Federal government's legal commitment to pay the Federal share of a project's cost. An obligated project is one that has been authorized by the Federal agency and for which funds have been committed. Projects for which funds have been obligated are not necessarily initiated or completed during the program year, and the amount of the obligation will not necessarily equal the total cost of the project. For projects under the auspices of the FTA, obligation occurs when the FTA grant is awarded. For projects under the State/grantee requests that the funds be obligated.

A good way to think of "obligations" is setting up a checking account for a specific purpose and then making an initial deposit. In order to begin work on any phase of a transportation project, federal funds must be obligated. This means that the money is set aside for that particular piece of work, and then can be used to pay bills. The project expenses may be bills from a design consultant, a construction contractor, or payroll costs for Virginia Department of Transportation (VDOT) employees working on the project.

An obligation removed from a project, or **released**, is usually the result of a decrease in the cost estimate, a project awarded for a lesser amount than originally authorized at advertisement, or an FHWA Financial Integrity Review and Evaluation (FIRE) project level review.

Do project obligations mean the work is underway?

This is not always the case. Project accounts are set up, particularly for the initial phases of a project, to enable the work. It may take a while, for example, to select and hire a design consultant and then actually begin work.

Contents of this document:

This document contains tables of VDOT project funding information in which the listing of ungrouped projects is organized by jurisdiction then by funding category (i.e. Interstate, Primary, Secondary, or Urban). Appendix A shows the same grouped projects organized by roadway system rather than by jurisdiction. VDOT grouped projects are presented in Appendix B. Virginia Department of Rail and Public Transportation (VDRPT) funding information show how federal funds were used to support the transit operations of the Greater Roanoke Transit Company (Valley Metro) and RADAR.

Acronyms

- ARRA American Recovery and Reinvestment Act of 2009
- BROS Bridge Off-System
- CMAQ Congestion Mitigation and Air Quality Program
- DEMO Demonstration
- EB/MG Equity Bonus/Minimum Guarantee
- FHWA Federal Highway Administration
- FTA Federal Transit Administration
- IM/NH Interstate Maintenance/National Highway System
- NHPP National Highway Performance Program
- RSTP Regional Surface Transportation Program
- SAFE (SAFETEA-LU) Safe Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users
- SSTP Statewide Surface Transportation Program
- STIP Statewide Transportation Improvement Program
- STP Surface Transportation Program
- UPC Universal Project Code

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	-	gated:	\$0 \$0	\$2,700	\$0 \$0	\$0 \$0	\$0	\$0	\$0 \$0	\$0 \$0	\$2,70
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Locality	UPC / Descri	ption	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
			T991290	7 - Constructio	on : Bridge Re	habilitation/Re	placement/R	econstruction			
otetourt Co	ounty				_						
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										Remaining:	
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	(Obligated:	\$1,063,983	\$0	\$48,674	\$0	\$0	\$0	\$0	\$0	\$1,112,65
	I	Released:	(\$758,088)	(\$383,942)	\$0	\$0	\$0	(\$117,920)	\$0	\$0	(\$1,259,950
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				N	lulti-jurisdictio	nal: Roanoke	MPO				
			T9912901	- Construction	n : Transporta	tion Enhance	nent/Byway/N	Ion-Traditiona	d		
Aulti-jurisdi	ctional: Roanoke N	IPO									
-	G992 CN:	TRANSPOR	RTATION ENHAN	CEMENT/BYWA	Y/OTHER NON-T	RADITIONAL -	T18992)				
	0000	TIP:	\$331,310	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$331,31
	(Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$
		-	· · · · · ·	I	!	I	I			Remaining:	\$331,31
			T	9912906 - Cons	struction : Saf	ety/ITS/Opera	tional Improve	ements		<u> </u>	
Multi-iurisdi	ctional: Roanoke N	IPO									
			S/OPERATIONA	L/IMPROVEMENT	S - (T18999)						
	0000		\$1,813,202	\$1,050,000	\$0	\$0	\$0	\$0	\$0	\$0	\$2,863,20
		Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,000,20
	·	- Jugatou.	φu	÷0	43	40	40	÷5	<i></i> ¢0	Remaining:	\$2,863,202
										Nemaining.	ψ2,000,20

Locality	UPC / Desci	ription	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
			T991290	7 - Constructio	on : Bridge R	ehabilitation/R	eplacement/R	econstruction			
lulti-jurisdi	ctional: Roanoke	MPO					-				
		IDGE REHAE	BILITATION/REP	LACEMENT - (T1							
	0000	TIP:	\$577,276		\$0		\$0	\$1,327,167	\$0	\$0	\$1,904,443
		Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
										Remaining:	\$1,904,443
Ν	ULTI-JURISDICTI	IONAL ROAN	IOKE MPO							_	
		TIP:	\$2,721,788	\$1,050,000	\$0	\$0	\$0	\$1,327,167	\$0	\$0	\$5,098,955
		Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		Released:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
										Remaining:	\$5,098,955
					R	oanoke					
			T9912901	- Construction	n : Transport	ation Enhance	ment/Byway/I	Non-Traditiona	l i		
oanoke											
		anoke River	Greenway Brid	ge across Barnha	rdt Creek - 200	ft E of Barnhard	t Creek; 150 ft W	of Barnhardt Cr	eek()		
	0000	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		Obligated:	\$0	\$0	\$0	\$0	\$104,000	\$0	\$0	\$0	\$104,000
										Remaining:	*
oanoke											
		_		lge St to Aerial W	• •		erial Way Drive	(0.5400 MI)			
	0000	TIP:	\$0		\$0		\$0	\$0	\$0	\$0	\$0
		Obligated:	\$0		\$0	\$0	\$0	\$0	\$0	\$0	\$0
		Released:	\$0	\$0	\$0	\$0	(\$374,533)	\$0	\$0	\$0	(\$374,533)
										Remaining:	*
			1	F9912904 - Mai i	ntenance : P	reventive Main	tenance for B	ridges			
loanoke											
	-	_		/ER ORANGE AV	•		•	•			
	0581	TIP:	\$0		\$0	\$0	\$0	\$0	\$0	\$0	\$0
	InCO	Obligated:	\$1,539,728	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,539,728
										Remaining:	*

Locality	UPC / Desc	cription	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
			T	9912906 - Cons	struction : Saf	ety/ITS/Opera	ational Improv	ements			
Roanoke											
		ashing Yellov	v Arrow Upgrade	e - Williamson Ro	1 & Airport Rd - V	Villiamson Road	l; Airport Road (()			
	0011	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	InCO	Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		Released:	\$0	(\$10,231)	\$0	\$0	\$0	\$0	\$0	\$0	(\$10,231)
										Remaining:	k
Roanoke											
	_	-		le - Valley View -			•	•			
	0019	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	InCO	Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		Released:	\$0	(\$10,257)	\$0	\$0	\$0	\$0	\$0	\$0	(\$10,257)
										Remaining:	*
Roanoke											
	_	-		e - Jefferson St. 8		•	• •				
	0024	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	InCO	Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		Released:	\$0	(\$16,319)	\$0	\$0	\$0	\$0	\$0	\$0	(\$16,319)
										Remaining:	2
Roanoke											
	_	-		nal Upgrade - City				\$ 0	\$ 0	* 2	.
	0460	TIP:	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0	\$C
	InCO	Obligated:	\$0	(\$10,342)	\$0	\$0	\$0	\$0	\$0	\$0 \$0	\$0
		Released:	Ф О	(\$10,342)	Ф О	2 0	ΦU	Ф О	\$U	• •	(\$10,342)
Roanoke										Remaining:	
Roanoke	109570 O	rongo Avonus	/ Halling Bood (Signal Upgrade -	City of Boonaka	Douto 460, Do	uto 115 ()				
	0460	TIP:	\$0	signal opgrade - \$0	\$0	- Roule 460; RC	sule 115 () \$0	\$0	\$0	\$0	\$0
	0400	Obligated:	\$0	\$330,712	\$0	\$0	\$0	\$0	\$0	\$0	\$330,712
		Obligated.	φυ	<i>\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\</i>	φυ	ψυ	φυ	ψυ	ψυ	Remaining:	\$330,712
Roanoke										iveniaining.	
NUALIUNE	113569 St	tate Road 119	Tunnel Lighting	g Improvements -	Airport Road Tu	nnel N/A ()					
	0000	TIP:	so	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	0000										
		Obligated:	\$0	\$0	\$0	\$0	\$80,000	\$0	\$0	\$0	\$80,000

Locality	UPC / Descr	iption	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
Roanoke											
		nklin Road S	idewalk Improv	ements- Rt. 220	B- Roanoke City	- 3100 Block; 22	0 Franklin Rd B	ypass (0.7600 M	I)		
	0220	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$(
		Obligated:	\$250,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$250,000
										Remaining:	
Roanoke											
	_ 80558 RTE	E. U000 - COF		VEMENTS ON HE	RSHBERGER R	OAD - Cove Roa	d; Rutgers St. (0.0000 MI)			
	0558	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$
	InCO	Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$
		Released:	\$0	(\$51,665)	\$0	\$0	\$0	\$0	\$0	\$0	(\$51,665
										Remaining:	
	0460	TIP: Obligated:	\$0 \$195,000	\$0 \$551,252	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0 Remaining:	\$
Roanoke										Remaining.	
	109569 Flas	shing Yellow	Arrow Upgrade	e - Brandon Ave.	& Colonial Ave.	- Brandon Aven	ue; Colonial Av	enue ()		Kemaining.	
	109569 Flas 8029	shing Yellow TIP:	Arrow Upgrade	e - Brandon Ave. \$0	& Colonial Ave. \$0	- Brandon Aven \$0	ue; Colonial Av \$0	enue () \$0	\$0	\$0	\$
	8029	-					•		\$0 \$0		
	8029 InCO	TIP:	\$0	\$0	\$0	\$0	\$0	\$0		\$0	\$
	8029 InCO	TIP: Obligated:	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0	\$0 \$0	\$
F	8029 InCO	TIP: Obligated: Released:	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0	\$0 \$0 \$0	\$
F	8029 InCO	TIP: Obligated: Released:	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0	\$0 \$0 \$0	\$ (\$10,275
F	ROANOKE SUBTO	TIP: Obligated: Released: TAL	\$0 \$0 \$0	\$0 \$0 (\$10,275)	\$0 \$0 \$0	\$0 \$0 \$0	\$0 \$0 \$0	\$0 \$0 \$0	\$0 \$0	\$0 \$0 \$0 Remaining:	\$ (\$10,275
F	ROANOKE SUBTO	TIP: Obligated: Released: TAL TIP:	\$0 \$0 \$0 \$0 \$0	\$0 \$0 (\$10,275) \$0	\$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0	\$0 \$0 \$0	\$0 \$0 \$0 Remaining: \$0	\$(\$((\$10,275 \$(\$3,050,692 (\$483,622

Locality	UPC / De	scription	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
					Roand	oke County					
			T9912901	- Construction	n : Transporta	tion Enhance	ment/Byway/I	Ion-Traditiona	al		
loanoke Cou	unty				-						
	111366	#SMART18 - Pla	antation Rd Bike	/Ped/Streetscape	Phase II - Walr	ond Drive; Gand	ler Way (0.2000	VII)			
	0115	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		Obligated:	\$124,723	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$124,723
										Remaining:	
loanoke Cou	-										
			•	kway Crossing - 3	-			0.0		^	•
	0618	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$
		Obligated:	\$6,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$6,00
										Remaining:	
oanoke Cou											
				anoke to Blue Rid		-			•	\$0	•
	1191	TIP:	\$0	\$0 \$0	\$0	\$0	\$0 \$0	\$0	\$0	· ·	\$
		Obligated:	\$0	¥ -	\$0 \$0	\$0 \$0	· · ·	\$0	\$0	\$0 \$0	(**************************************
		Released:	(\$104,238)	(\$221,800)	Ф О	Φ 0	(\$1,826,629)	\$0	\$0		(\$2,152,667
aanaka Ca										Remaining:	
oanoke Cou										n	
	-	Roanoke Co., P	viantation Road \$	Streetscape Impr							•
	3607		\$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$
	InCO	Obligated:	ֆ540	۵ 0	20	\$0	۵ 0	\$0	Ф О		\$54
										Remaining:	
oanoke Cou			illiamaan Daad (manta Datara	Creak Deads Die	ntotion Dood (、			
	111317 1317	#SMAR I 20 - W	so \$0	Sidewalk Improve	so solutions - Peters	Creek Road; Pla	so) \$0	\$0	\$0	•
	1317	Obligated:	پ و \$217.424	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$/ \$217,42
		Obligated.	φ217,424	φυ	ψυ	ψυ	ψυ	ψυ	4 0		φ217,42
			T00400		Descention			Descention		Remaining:	
			199129	03 - Maintenano	ce : Preventiv	e maintenance	e and System	Preservation			
oanoke Cou			Deenska Cour								
	_	TIP:		ty - Primaries PM \$0			\$0 \$0	\$0	¢0	^	¢
	6321 InCO		\$0 \$0		\$0 \$0	\$0 \$0	\$0	\$0	\$0 \$0	\$0 \$0	\$
	inco	Obligated:	Φ 0	\$105,900	Ф О	م 0	Ф О	Ф О	Ф О		\$185,90
aanaka C										Remaining:	
loanoke Cou			b. Describe C	unter Deimer D							
	-			unty - Primary Pl	1				A	<u>م</u> ر	^
	6741	TIP:	\$0 \$0	\$0 \$818,400	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$
	InCO	Obligated:	\$0	Φ δ 18,400	\$0	\$0	\$0	\$0	\$0		\$818,400
										Remaining:	

Locality	UPC / De	escription	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
			1	F9912904 - M ai	ntenance : Pr	reventive Main	tenance for E	Bridges			
Roanoke Co	ounty							Ū			
	105541	Latex Concrete	Deck Overlay	Bridge Maintenan	nce Project - 3.5	8 Mi. to Rte. 419;	; 1.40 Mi. to Rte.	115 (0.3200 MI)			
	0081	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$
	InCO	Obligated:	\$4,919,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4,919,00
										Remaining:	
			T	9912906 - Cons	struction : Sa	fety/ITS/Opera	ational Improv	ements			
Roanoke Co											
				Facility Expansi				Int Rte 1128 and	1150 (0.1700 MI	,	
	0081	TIP:	\$0		\$0	\$0	\$0	\$0	\$0	\$0	:
	InCO	Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
		Released:	\$0	\$0	\$0	\$0	(\$117,702)	\$0	\$0	\$0	(\$117,70
										Remaining:	
Roanoke Co	ounty									Remaining:	
Roanoke Co		L	SIGNS WITH FL	ASHERS - Mile Ma	arker 137.72; Mi	ile Marker 138.18	6 (0.4600 MI)			Remaining:	
Roanoke Co		L	SIGNS WITH FL		arker 137.72; Mi \$0	ile Marker 138.18 \$0	6 (0.4600 MI) \$0	\$0	\$0	Remaining: \$0	
Roanoke Co	108418	I-81 - INSTALL S		\$0			· /	\$0 \$0	\$0 \$0		
Roanoke Co	108418 0081	I-81 - INSTALL S	\$0	\$0	\$0	\$0	\$0			\$0	
	108418 0081 InCO	I-81 - INSTALL S	\$0	\$0	\$0	\$0	\$0			\$0 \$0	
	108418 0081 InCO	I-81 - INSTALL S TIP: Obligated:	\$0 \$0	\$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0	\$0	\$0 \$0	
	108418 0081 InCO	I-81 - INSTALL TIP: Obligated: #HB2.FY17 Lila	\$0 \$0	\$0 \$3,947	\$0 \$0	\$0 \$0	\$0 \$0	\$0	\$0	\$0 \$0	\$3,94
Roanoke Co Roanoke Co	108418 0081 InCO Punty 108905	I-81 - INSTALL S TIP: Obligated: #HB2.FY17 Lila TIP:	\$0 \$0 Dr / Rte 115 Inte	\$0 \$3,947 ersection Safety \$0	\$0 \$0	\$0 \$0 - Lila Drive; Rou	\$0 \$0 te 115 (Plantatio	\$0 on Road) (0.1000	\$0 MI)	\$0 \$0 Remaining:	\$3,94 \$85,00
	108418 0081 InCO Punty 108905	I-81 - INSTALL TIP: Obligated: #HB2.FY17 Lila	\$0 \$0 Dr / Rte 115 Inte \$85,000	\$0 \$3,947 ersection Safety \$0	\$0 \$0 Improvements \$0	\$0 \$0 - Lila Drive; Rou \$0	\$0 \$0 te 115 (Plantatic \$0	\$0 on Road) (0.1000 \$0	\$0	\$0 \$0 Remaining: \$0	\$3,94 \$85,00
	108418 0081 InCO punty 108905 0115	I-81 - INSTALL TIP: Obligated: #HB2.FY17 Lila TIP:	\$0 \$0 Dr / Rte 115 Inte \$85,000	\$0 \$3,947 ersection Safety \$0	\$0 \$0 Improvements \$0	\$0 \$0 - Lila Drive; Rou \$0	\$0 \$0 te 115 (Plantatic \$0	\$0 on Road) (0.1000 \$0	\$0	\$0 \$0 Remaining: \$0 \$0	\$3,94 \$85,00
Roanoke Co	108418 0081 InCO 00000 108905 0115	I-81 - INSTALL S TIP: Obligated: #HB2.FY17 Lila TIP: Obligated:	\$0 \$0 Dr / Rte 115 Inte \$85,000 \$0	\$0 \$3,947 ersection Safety \$0	\$0 \$0 Improvements \$0 \$0	\$0 \$0 - Lila Drive; Rou \$0 \$0	\$0 \$0 te 115 (Plantatic \$0 \$0	\$0 on Road) (0.1000 \$0	\$0	\$0 \$0 Remaining: \$0 \$0	\$3,94 \$85,00
Roanoke Co	108418 0081 InCO 00000 108905 0115	I-81 - INSTALL S TIP: Obligated: #HB2.FY17 Lila TIP: Obligated: #HB2.FY17 Rte	\$0 \$0 Dr / Rte 115 Inte \$85,000 \$0	\$0 \$3,947 ersection Safety \$0 \$0	\$0 \$0 Improvements \$0 \$0	\$0 \$0 - Lila Drive; Rou \$0 \$0	\$0 \$0 te 115 (Plantatic \$0 \$0	\$0 on Road) (0.1000 \$0	\$0	\$0 \$0 Remaining: \$0 \$0	\$3,94 \$85,00 \$ 85,0 0 \$ 85,0 0
Roanoke Co	108418 0081 InCO 00000 108905 0115 0115 00000	I-81 - INSTALL S TIP: Obligated: #HB2.FY17 Lila TIP: Obligated: #HB2.FY17 Rte	\$0 \$0 Dr / Rte 115 Inte \$85,000 \$0 419 Safety Imp	\$0 \$3,947 ersection Safety \$0 \$0 rovements at Tar	\$0 \$0 Improvements \$0 \$0 \$0	\$0 \$0 - Lila Drive; Rou \$0 \$0 tte 419; Route 86	\$0 \$0 te 115 (Plantatic \$0 \$0 \$0	\$0 on Road) (0.1000 \$0 \$0	\$0 MI) \$0 \$0	\$0 \$0 Remaining: \$0 \$0 Remaining:	\$3,94 \$3,94 \$85,00 \$ 85,00 \$ 85,00 \$ 85,00 \$ 87 ,8,35

Locality	UPC / De	escription	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
			T991290	7 - Constructio	on : Bridge Re	habilitation/R	eplacement/R	econstruction			
Roanoke Co	ounty						-				
	77305	RTE. 116 OVER	BACK CREEK	(STR. 14928) - BR	IDGE REPLACE	MENT - 0.285 MI	LE SOUTH ROU	TE 945; 0.584 M	ILE SOUTH ROU	TE 945 (0.3100 N	11)
	0116		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		Obligated:	\$0	\$235,633	\$0	\$0	\$0	\$0	\$0	\$0	\$235,633
										Remaining:	
Roanoke Co	-										
	82193			(STR. 14935) - BR							,
	0220		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$(
		Obligated:	\$10 \$0	\$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$10
		Released:	\$0	(\$11,606)	\$0	\$0	\$0	\$0	\$0	Remaining:	(\$11,606
R		UNTY SUBTOTA	1							Remaining.	
		TIP:	\$85,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85,000
		Obligated:	\$5,870,313	\$1,232,274	\$0	\$0	\$0	\$0	\$0	\$0	\$7,102,58
		Released:	(\$104,238)	(\$233,406)	\$0	\$0	\$0	\$0	\$0	\$0	(\$337,644
									_	Remaining:	\$85,000
					ę	Salem					
			T9912901	- Construction	n : Transporta	ation Enhance	ment/Byway/	Non-Traditiona	al		
Salem											
	56409	CITY OF SALE	W - CONSTRUCT	ION OF 7 MILE B	ICYCLE/PEDES	TRIAN - Western	limits of Greer	Hill Park, Roand	ke County; Eas	tern corporate li	mits of City of
	6409	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	InCO	Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		Released:	(\$251,920)	(\$185,988)	\$0	\$0	\$0	\$0	\$0	\$0	(\$437,908)
										Remaining:	•
Salem											
				Int. & Streetscap			,	,			
	0460		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		Obligated:	\$302,489	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$302,489
Salem										Remaining:	
Salem	109612			ND INTERSECTIO		NTS - Wast side	of Broad St. Er	et side of White	Oak Alley (0.100	MIN	
	9612		S0	S0		\$0	s of Broad St; Ea	st side of white	Solution Solution	\$0 %	\$(
	5012	Obligated:	\$749,933	\$0	\$0	\$0	\$0 \$0	\$0	\$0	\$0	əر \$749,933
		Obligated:	ψι το,900	φυ	ψυ	ψυ	ψυ	φυ	φυ	Remaining:	\$149,933 \$
										Nemaining.	

Locality	UPC / De	escription	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
			T991290	7 - Constructio	on : Bridge Re	habilitation/Re	eplacement/R	econstruction			
Salem					_						
	110574			Replacement - E							
	0011	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$
		Obligated:	\$0	\$280,000	\$0	\$0	\$0	\$0	\$0	\$0	\$280,00
	ALEM SUBTO									Remaining:	
54	ALEW SUBTO	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$
		Obligated:	\$0 \$1,052,422	\$0 \$280,000	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	ې \$1,332,42
		Released:	(\$251,920)	(\$185,988)	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	
		Released:	(\$251,920)	(\$105,900)	Ф О	φU	φU	φU	\$U_	Remaining:	(\$437,908
					Salem [District-wide				Remaining.	
			T99129	03 - Maintenand			and System	Preservation			
Salem Distric	ct-wide										
	106306	F16 Districtwide	e Interstate Late	x Schedule LM2	A-962-F16 - vario	us; various (8.5	100 MI)				
	6306	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$
	InCO	Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$101,000	\$0	\$101,00
										Remaining:	
Salem Distric	ct-wide										
		Plant Mix Roan		urt Primaries - va	rious; various (4						
	6721	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$
	InCO	Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$738,000	\$0	\$738,00
										Remaining:	
Salem Distric											
	-			/ Latex LM20-962		•					
	6727		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$
	InCO	Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$1,833,000	\$0	\$1,833,000
Salem Distric	et wide									Remaining:	
Salem Distric		E16 DM Endoral	Soc Poto Crain	and Roanoke Co	DM22.062 Vor	ious: Various (7	9600 MI)				
	6787	TIP:	so		\$0 \$0	so	\$0	\$0	\$0	\$0	\$
	InCO	-	\$0	\$94,799	\$0	\$0	\$0	\$0	\$835,901	\$0	پ \$930,70
		obligated.	<i></i>	\$0.11.00	ф0	φu	φu		\$000,001	Remaining:	<i>\\</i> 000,70
Salem Distric	ct-wide										
	G722	STIP-MN Salem	: Preventive MI	N and System Pre	eservation - (T1	4722)					
	0000		\$0	\$28,699,828	\$0	\$0	\$0	\$0	\$0	\$0	\$28,699,828
		Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
										Remaining:	\$28,699,828

Locality	UPC / De	escription	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
				F9912904 - M ai	ntenance : Pre	eventive Main	tenance for B	ridges			
Salem Distric	ct-wide							-			
	G721			N for Bridges - (T							
	0000	TIP:	\$0		\$0	\$0	\$0	\$3,495,402	\$0	\$0	\$10,162,12
		Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$
										Remaining:	\$10,162,12
				T9912905 -	Maintenance :	Traffic and S	afety Operation	ons			
Salem Distric											
	106876			B RETRACE - SAL				# 0	\$ 0	\$ 0	
	9999		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	InCO	Obligated:	\$0	\$121,400	\$0	\$0	\$0	\$0	\$0	\$0 Remaining:	\$121,40
Salem Distric	ct-wide									Remaining.	
Jaioni Distric		REPLACE RPM	LENSES - INTE	RSTATE 81. 581 8	& 77 - I-81 MM 87	.4 : I-77 MM 0: I-	581 MM 0: I-81 M	/M 173.9: I-77 MM	M 24.1: I-581 MM	1 6.6 (234.4000 MI	
	9999	1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	, ,
	InCO	Obligated:	\$0	\$10,000	\$0	\$0	\$0	\$0	\$0	\$0	\$10,00
		3		I			I			Remaining:	,
Salem Distric	ct-wide									<u> </u>	
	107981	Ground Mounte	ed Sign Upgrade	s - FY 17 RSAs -	Various; Various	5()					
	9999	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	Ş
	InCO	Obligated:	\$0	\$242,400	\$0	\$0	\$0	\$0	\$0	\$0	\$242,40
					· · ·					Remaining:	
Salem Distric	ct-wide										
	108297	FED ELIG. SEC	ONDARY MARK	ING RETRACE - S	SALEM DISTRIC	۲ 2016 - Various	; Various()				
	9999	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	Ş
	InCO	Obligated:	\$0	\$746,300	\$0	\$0	\$0	\$0	\$0	\$0	\$746,30
										Remaining:	
Salem Distric	ct-wide										
				ving Schedule -	Salem Dist Vai	ious; Various ()				
	9999	TIP:	\$0		\$0	\$0	\$0	\$0	\$0	\$0	9
	InCO	Obligated:	\$0	\$1,048,200	\$0	\$0	\$0	\$0	\$0	\$0	\$1,048,20
										Remaining:	
Salem Distric											
	106881	,		ING RETRACE - S			• •				
	9999		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	S
	InCO	Obligated:	\$0	\$762,000	\$0	\$0	\$0	\$0	\$0	\$0	\$762,00
										Remaining:	
Salem Distric			- T (6)		(744700)						
	G720		: Traffic and Sa \$0	fety Operations -	(T14720) \$0	\$0	\$0	\$0	\$0	\$0	¢ο 474 ού
	0000		\$0	\$3,471,333 \$0	\$0	\$0 \$0	\$0	\$0	\$0 \$0	\$0	\$3,471,33
		Obligated:	\$0	φU	ΦŪ	Ф О	φU	φU	Ф О		\$ \$3,471,33
										Remaining:	\$3,471,33

Locality	UPC / Des	cription	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
			Т	9912906 - Cons	struction : Saf	ety/ITS/Opera	tional Improv	ements			
Salem Distri	ct-wide						-				
		DA COMPLIAN	NCE SALEM DIS	TRICT - VARIOU	S; VARIOUS ()						
	9999	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$
	InCO	Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$
		Released:	\$0	(\$27,408)	\$0	\$0	\$0	\$0	\$0	\$0	(\$27,408
										Remaining:	
Salem Distrie											
	-		•	untermeasures -							
	9999	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$
	InCO	Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$
		Released:	\$0	(\$50,654)	\$0	\$0	\$0	\$0	\$0	\$0	(\$50,654
										Remaining:	
S	ALEM DISTRIC										
		TIP:	\$0	, ,	\$0	\$0	\$0	\$3,495,402	\$0	\$0	\$42,333,28
		Obligated:	\$0	\$3,025,099	\$0	\$0	\$0	\$0	\$3,507,901	\$0	\$6,533,00
		Released:	\$0	(\$78,062)	\$0	\$0	\$0	\$0	\$0	\$0	(\$78,062
						-				Remaining:	\$42,333,28
						linton					
			T9912901	- Construction	n : Transporta	tion Enhance	ment/Byway/I	Non-Traditiona	al		
/inton	111649 V			odations (5th St t	a Taura limit) E	th Street, Tourn					
	9999	TIP:	so	•	5 - 5 (0 - 5 (0 - 5) \$0	\$0	Linnis ()	\$0	\$0	\$0	\$(
	3333	Obligated:	\$0		\$0	\$0	\$116,000	\$0	\$0	\$0	تې \$116,00
		Obligated.	ψυ	ψυ	φυ	ψυ	\$110,000	ψυ	φυ	Remaining:	\$110,000
inton										Remaining.	
inton	109611 G		GREENWAY P	HASE 2 - Intersed	tion of 5th St an	d Walnut Ave: G	us Nicks Blvd (0 7000 MI)			
	9611		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$
	5011	Obligated:	\$6,464	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$6,46
		gutoui	+-,			•••	••			Remaining:	φ0,10

Locality	UPC / Description	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
		Т	9912906 - Con	struction : Sa	fety/IT S/Opera	ational Improv	ements			
Vinton										
		GNAL UPGRA	DES - TOWN OF \	/INTON - INT. VI	NYARD RD. ANI	D HARDY RD. (L	DC. 1); INT. WAS	HINGTON AVE.	AND POLLARD	ST. (LOC. 2) ()
	9999 TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Obligated:	\$0	\$22,050	\$0	\$0	\$0	\$0	\$0	\$0	\$22,050
									Remaining:	*
Vinton										
		nut Ave. Int. Im	provement at 8th	St at 8th; Stro	eet (MI)					
	0000 TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Released:	\$0	(\$4,185)	\$0	\$0	\$0	\$0	\$0	\$0	(\$4,185)
									Remaining:	*
	VINTON SUBTOTAL									
	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Obligated:	\$6,464	\$22,050	\$0	\$0	\$116,000	\$0	\$0	\$0	\$144,514
	Released:	\$0	(\$4,185)	\$0	\$0	\$0	\$0	\$0	\$0	(\$4,185)
									Remaining:	*
	MPO SUBTOTAL									
	TIP:	\$2,806,788	\$1,050,000	\$0	\$0	\$0	\$1,327,167	\$0	\$0	\$5,183,955
	Obligated:	\$9,977,911	\$2,418,988	\$48,674	\$0	\$300,000	\$0	\$0	\$0	\$12,745,572
	Released:	(\$1,114,246)	(\$916,609)	\$0	\$0	(\$374,533)	(\$117,920)	\$0	\$0	(\$2,523,309)
								-	Remaining:	\$5,183,955

LIST OF FEDERAL FUNDS OBLIGATED BY TRANSIT AGENCY

FFY2017

ROANOKE AREA MPO	FEDERAL FUNDS OBLIGATED	YEAR	CMAQ	RSTP	Flexible STP	FTA	Other	TOTAL
Oreater Describe Transit Commany								
Greater Roanoke Transit Company	-	.	Ī			ī .	r	
Intercity Bus	FTA 5311	2018				\$512,855		\$512,855
Computer Hardware	FTA 5339	2017				\$ 19,826		\$ 19,826
Surveillance/Security Equipment	FTA 5339	2017				\$ 43,200		\$ 43,200
Lutheran Family Services of Virginia								
		1						
Replacement Paratransit Vehicle (2)	FTA 5310	2018				\$ 64,000		\$ 64,000
RADAR/UHSTS								
Replacement Paratransit Vehicle (3)	FTA 5310	2018				\$136,000		\$136,000
New Freedom Operating	FTA 5310	2018				\$ 61,500		\$ 61,500
						-		
TOTAL			\$-	\$-	\$-	\$837,381	\$-	\$837,381

APPENDIX A: Ungrouped Projects

						uping Det					
					Roanoke M	IPO Study Ar	ea				
				Federal O	bligated Fun	ds: 10/01/201	8 - 09/30/201	19			
					Funding S	Source/Amoun	t				
Locality	UPC / De	scription	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
Deeneke			T9912901	- Constructior	n : Transporta	tion Enhance	ment/Byway/N	Ion-Tradition	al		
Roanoke	113568	Roanoke River (Greenway Bridg	e across Barnhar	dt Creek - 200 ft	E of Barnhardt C	reek; 150 ft W of	Barnhardt Cree	k()		
	0000	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	ç
		Obligated:	\$0	\$0	\$0	\$0	\$104,000	\$0	\$0	\$0	\$104,00
Deenska Car										Remaining:	
Roanoke Cou	-	#SMART18 - Pla	ntation Rd Bike	/Ped/Streetscape	Phase II - Walro	nd Drive: Gander	Way (0.2000 MI)	1			
	0115	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(
		Obligated:	\$124,723	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$124,72
										Remaining:	
Salem	50400						mite of Croon III	II Dork Dooroka		n oo waa uu ta limaita	a of City of
	56409 6409	TIP:	1 - CONSTRUCT \$0	ON OF 7 MILE BI	\$0	RIAN - Western II \$0	so	SO	so	n corporate limit: \$0	s of City of
	InCO	Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
		Released:	(\$251,920)	(\$185,988)	\$0	\$0	\$0	\$0	\$0	\$0	(\$437,90
		L								Remaining:	
Salem											
				nt. & Streetscape	•			* 2	* 0	\$ 0	
	0460	TIP:	\$0 \$302,489	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$
		Obligated:	\$302,409	φυ	φυ	φυ	φυ	φυ	φυ	Remaining:	\$302,40
Multi-jurisdic	tional: Roano	ke MPO								Remaining.	
•	G992	CN: TRANSPOR	TATION ENHAN	ICEMENT/BYWAY	/OTHER NON-T	RADITIONAL - (T	18992)				
	0000	TIP:	\$331,310	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$331,31
		Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$
Vinton										Remaining:	\$331,31
vinton	111649	Walnut Avo Bik	Pod Accommo	dations (5th St to	Town limit) - 5t	h Stroot: Town Li	mite ()				
	9999	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	9
		Obligated:	\$0	\$0	\$0	\$0	\$116,000	\$0	\$0	\$0	\$116,00
										Remaining:	
Roanoke											
				ge St to Aerial Wa							
	0000	TIP:	\$0	\$0	\$0 \$0	\$0	\$0	\$0	\$0	\$0	9
		Obligated: Released:	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 (\$374,533)	\$0 \$0	\$0 \$0	\$0 \$0	\$ (\$374,53

STIP Grouping Detail

Roanoke MPO Study Area

					Funding S	ource/Amoun	t				
ocality	UPC / Des	cription	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
Roanoke Cou	unty										
	113356 F	Roanoke River G	reenway, Parkw	ay Crossing - 32	04 Highland Rd;	3404 Rutrough F	Rd ()				
	0618	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$
		Obligated:	\$6,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$6,00
										Remaining:	
Roanoke Cou	•										
	91191 F			oke to Blue Ridg							
	1191	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	:
		Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
		Released:	(\$104,238)	(\$221,800)	\$0	\$0	(\$1,826,629)	\$0	\$0	\$0	(\$2,152,66
										Remaining:	
Roanoke Cou	•										
				treetscape Impro		•					
	3607	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	InCO	Obligated:	\$540	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5
										Remaining:	
Roanoke Cou	•										
	111317 #			dewalk Improver							
	1317	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	9
		Obligated:	\$217,424	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$217,42
										Remaining:	
Salem											
				ID INTERSECTIO						,	
	9612	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
		Obligated:	\$749,933	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$749,93
										Remaining:	
Vinton											
				ASE 2 - Intersect				•			
	9611	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
		Obligated:	\$6,464	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$6,4
										Remaining:	
T	9912901 - CONS	STRUCTION : TR	RANSPORTATIO	N ENHANCEMEN	NT/BYWAY/NON	TRADITIONAL S	UBTOTAL				
		TIP:	\$331,310	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$331,3
		Obligated:	\$1,407,573	\$0	\$0	\$0	\$220,000	\$0	\$0	\$0	\$1,627,5
		Released:	(\$356,158)	(\$407,788)	\$0	\$0	(\$2,201,162)	\$0	\$0	\$0	(\$2,965,10
										Remaining:	

STIP Grouping Detail Roanoke MPO Study Area Federal Obligated Funds: 10/01/2018 - 09/30/2019 Funding Source/Amount

					Funding S	ource/Amour	nt				
ocality	UPC / De	escription	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
			T991290	3 - Maintenanc	e : Preventiv	e Maintenanc	e and System	Preservation			
alem Distric	ct-wide										
	106306			Schedule LM2A-							
	6306		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	InCO	Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$101,000	\$0	\$101,0
oanoke Coi	untv									Remaining:	
		F-16 Plant Mix -	Roanoke County	y - Primaries PM2	K-080-F16 - Vari	ous: Various (8.	1800 MI)				
	6321	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	InCO	Obligated:	\$0	\$185,900	\$0	\$0	\$0	\$0	\$0	\$0	\$185,
										Remaining:	
alem Distric	ct-wide										
	106721			rt Primaries - vari							
	6721		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	InCO	Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$738,000	\$0	\$738,
										Remaining:	
alem Distric			istuide Daimenne		40						
	106727 6727	TIP:	so	Latex LM20-962-F \$0	16 - Various; Va \$0	\$0	11) \$0	\$0	\$0	\$0	
	InCO		\$0	\$0	\$0	\$0	\$0	\$0	\$1,833,000	\$0	\$1,833,0
	1100	Obligated.	\$	4 0	4 0	4 0	4 0	\$	\$1,000,000	Remaining:	ψ1,000,0
oanoke Co	unty										
	106741	SR 115 Plant Mi	x - Roanoke Cou	inty - Primary PM	2P-080-F16 - NC	L Roanoke; Willa	aimson Rd. (2.20	00 MI)			
	6741	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	InCO	Obligated:	\$0	\$818,400	\$0	\$0	\$0	\$0	\$0	\$0	\$818,4
										Remaining:	
alem Distric											
				and Roanoke Co I				\$ 0	* 0	A 0	
	6787		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	¢000
	InCO	Obligated:	\$0	\$94,799	\$0	\$0	\$0	\$0	\$835,901	\$0	\$930,7
alem Distric	ct-wide									Remaining:	
	G722	STIP-MN Salem	: Preventive MN	and System Prese	ervation - (T147	22)					
	0000		\$0	\$28,699,828	\$0	\$0	\$0	\$0	\$0	\$0	\$28,699,
		Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	. , ,
										Remaining:	\$28,699,8

				STIP Gro	uping De	tail				
				Roanoke N	IPO Study A	rea				
			Federal Ob	ligated Fun	ds: 10/01/20 [,]	18 - <mark>09/30/20</mark> 1	19			
				Funding S	ource/Amour	nt				
ocality	UPC / Description	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
Т9	9912903 - MAINTENANCE : PR		NTENANCE AND S	SYSTEM PRESE	RVATION SUBTO	OTAL				
	TIP:	\$0	\$28,699,828	\$0	\$0	\$0	\$0	\$0	\$0	\$28,699,82
	Obligated:	\$0	\$1,099,099	\$0	\$0	\$0	\$0	\$3,507,901	\$0	\$4,607,00
	Released:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$
									Remaining:	\$24,092,82

					STIP Grou	uping Det	tail				
					Roanoke M	PO Study Ar	ea				
				Federal Ob	ligated Fund	ls: 10/01/201	8 - 09/30/20	19			
					Funding So	ource/Amoun	t				
Locality	UPC / Des	cription	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
			TS	912904 - Main	itenance : Pre	ventive Main	tenance for B	ridges			
Botetourt Co	ounty										
					(STR. 03228) - 2						
	0081	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	InCO	Obligated:	\$954,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$954,000
Botetourt Co										Remaining:	
Botetourt Co	-					2 . 2 45 ML INT	DTE 11.270 MI		2500 MI)		
	0081	TIP:	SO	SOLEK SAMES K	\$0	\$0	\$0	\$0	\$0	\$0	\$(
	InCO	Obligated:	\$109,983	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$109,983
		0								Remaining:	1
Roanoke Co	unty										
	105541 L	atex Concrete F	Deck Overlay Bri	dao Maintonanco	D						
	100041 E			•	•	•		· /			
	0081	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	• •
				•	•	•		· /	\$0 \$0	\$0	• •
Decesia	0081	TIP:	\$0	\$0	\$0	\$0	\$0	\$0			• •
Roanoke	0081 InCO	TIP: Obligated:	\$0 \$4,919,000	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0	\$0	• •
Roanoke	0081 InCO 106837 B	TIP: Obligated: RIDGE REHAB	\$0 \$4,919,000 - RTE. I-581 OVI	\$0 \$0 ER ORANGE AVE	\$0 \$0	\$0 \$0 2.83 Mi. Int. Rte.	\$0 \$0 101; 0.43 Mi. Int.	\$0 \$0 . Rte. 11 (0.1000	\$0 WI)	^{\$0} Remaining:	\$4,919,000
Roanoke	0081 InCO 106837 B 0581	TIP: Obligated: RIDGE REHAB TIP:	\$0 \$4,919,000 - RTE. I-581 OVI \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0	\$0	\$4,919,000
Roanoke	0081 InCO 106837 B	TIP: Obligated: RIDGE REHAB	\$0 \$4,919,000 - RTE. I-581 OVI	\$0 \$0 ER ORANGE AVE \$0	\$0 \$0 E. (STR. 21742) - 2 \$0	\$0 \$0 2.83 Mi. Int. Rte. \$0	\$0 \$0 101; 0.43 Mi. Int. \$0	\$0 \$0 . Rte. 11 (0.1000 \$0	\$0 VII) \$0	\$0 Remaining: \$0 \$0	\$4,919,000 * * \$0
	0081 InCO 106837 B 0581 InCO	TIP: Obligated: RIDGE REHAB TIP:	\$0 \$4,919,000 - RTE. I-581 OVI \$0	\$0 \$0 ER ORANGE AVE \$0	\$0 \$0 E. (STR. 21742) - 2 \$0	\$0 \$0 2.83 Mi. Int. Rte. \$0	\$0 \$0 101; 0.43 Mi. Int. \$0	\$0 \$0 . Rte. 11 (0.1000 \$0	\$0 VII) \$0	\$0 Remaining: \$0	\$4,919,000
	0081 InCO 106837 B 0581 InCO ct-wide	TIP: Obligated: RIDGE REHAB TIP: Obligated:	\$0 \$4,919,000 - RTE. I-581 OVI \$0 \$1,539,728	\$0 \$0 ER ORANGE AVE \$0	\$0 \$0 5. (STR. 21742) - 2 \$0 \$0	\$0 \$0 2.83 Mi. Int. Rte. \$0	\$0 \$0 101; 0.43 Mi. Int. \$0	\$0 \$0 . Rte. 11 (0.1000 \$0	\$0 VII) \$0	\$0 Remaining: \$0 \$0	\$4,919,000 \$0 \$1,539,728
	0081 InCO 106837 B 0581 InCO ct-wide	TIP: Obligated: RIDGE REHAB TIP: Obligated:	\$0 \$4,919,000 • RTE. I-581 OVI \$0 \$1,539,728 Preventive MN f \$0	\$0 \$0 ER ORANGE AVE \$0 \$0 or Bridges - (T12 \$6,666,723	\$0 \$0 50 50 50 50 50 50 50 50 50 50 50 50 50	\$0 \$0 2.83 Mi. Int. Rte. \$0 \$0 \$0	\$0 \$0 101; 0.43 Mi. Int. \$0 \$0	\$0 \$0 Rte. 11 (0.1000 \$0 \$0 \$0 \$3,495,402	\$0 VII) \$0 \$0 \$0	\$0 Remaining: \$0 \$0 Remaining: \$0	\$4,919,000 \$0 \$1,539,728 \$10,162,125
Roanoke Salem Distric	0081 InCO 106837 B 0581 InCO ct-wide G721 S	TIP: Obligated: RIDGE REHAB TIP: Obligated:	\$0 \$4,919,000 • RTE. I-581 OVI \$0 \$1,539,728 Preventive MN f	\$0 \$0 ER ORANGE AVE \$0 \$0 \$0	\$0 \$0 50 50 50 50 50 50 50 50	\$0 \$0 2.83 Mi. Int. Rte. \$0 \$0	\$0 \$0 101; 0.43 Mi. Int. \$0 \$0	\$0 \$0 Rte. 11 (0.1000 \$0 \$0	\$0 MI) \$0 \$0	\$0 Remaining: \$0 \$0 Remaining: \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$4,919,000 \$0 \$1,539,728 \$10,162,125 \$10,162,125
	0081 InCO 106837 B 0581 InCO ct-wide G721 S	TIP: Obligated: RIDGE REHAB TIP: Obligated: TIP-MN Salem: TIP:	\$0 \$4,919,000 • RTE. I-581 OVI \$0 \$1,539,728 Preventive MN f \$0	\$0 \$0 ER ORANGE AVE \$0 \$0 or Bridges - (T12 \$6,666,723	\$0 \$0 50 50 50 50 50 50 50 50 50 50 50 50 50	\$0 \$0 2.83 Mi. Int. Rte. \$0 \$0 \$0	\$0 \$0 101; 0.43 Mi. Int. \$0 \$0	\$0 \$0 Rte. 11 (0.1000 \$0 \$0 \$0 \$3,495,402	\$0 VII) \$0 \$0 \$0	\$0 Remaining: \$0 \$0 Remaining: \$0	\$4,919,000 \$0 \$1,539,728 \$10,162,128 \$10,162,128
Salem Distric	0081 InCO 106837 B 0581 InCO ct-wide G721 S 0000	TIP: Obligated: RIDGE REHAB TIP: Obligated: TIP-MN Salem: TIP: Obligated:	\$0 \$4,919,000 - RTE. I-581 OVI \$0 \$1,539,728 Preventive MN f \$0 \$0	\$0 \$0 ER ORANGE AVE \$0 \$0 or Bridges - (T1 \$6,666,723 \$0	\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$	\$0 \$0 2.83 Mi. Int. Rte. \$0 \$0 \$0 \$0	\$0 \$0 101; 0.43 Mi. Int. \$0 \$0	\$0 \$0 Rte. 11 (0.1000 \$0 \$0 \$0 \$3,495,402	\$0 VII) \$0 \$0 \$0	\$0 Remaining: \$0 \$0 Remaining: \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$4,919,000 \$0 \$1,539,728 \$10,162,125 \$10,162,125
Salem Distric	0081 InCO 106837 B 0581 InCO ct-wide G721 S 0000	TIP: Obligated: RIDGE REHAB TIP: Obligated: TIP-MN Salem: TIP: Obligated:	\$0 \$4,919,000 - RTE. I-581 OVI \$0 \$1,539,728 Preventive MN f \$0 \$0	\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$	\$0 \$0 50 50 50 50 50 50 50 50 50 50 50 50 50	\$0 \$0 2.83 Mi. Int. Rte. \$0 \$0 \$0 \$0	\$0 \$0 101; 0.43 Mi. Int. \$0 \$0	\$0 \$0 Rte. 11 (0.1000 \$0 \$0 \$3,495,402 \$0	\$0 VII) \$0 \$0 \$0	\$0 Remaining: \$0 \$0 Remaining: \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$4,919,000 \$0 \$1,539,728 \$10,162,125 \$10,162,125
Salem Distric	0081 InCO 106837 B 0581 InCO ct-wide G721 S 0000	TIP: Obligated: RIDGE REHAB TIP: Obligated: TIP-MN Salem: TIP: Obligated: TENANCE : PRE	\$0 \$4,919,000 - RTE. I-581 OVI \$0 \$1,539,728 Preventive MN f \$0 \$0 \$0	\$0 \$0 ER ORANGE AVE \$0 \$0 or Bridges - (T1 \$6,666,723 \$0	\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$	\$0 \$0 2.83 Mi. Int. Rte. \$0 \$0 \$0 \$0 \$0	\$0 \$0 101; 0.43 Mi. Int. \$0 \$0 \$0 \$0	\$0 \$0 Rte. 11 (0.1000 \$0 \$0 \$0 \$3,495,402	\$0 MI) \$0 \$0 \$0 \$0	\$0 Remaining: \$0 \$0 Remaining: \$0 \$0 \$0 Remaining:	\$4,919,000 \$0 \$1,539,728 \$10,162,125 \$10,162,125 \$10,162,125 \$10,162,125
Salem Distric	0081 InCO 106837 B 0581 InCO ct-wide G721 S 0000	TIP: Obligated: RIDGE REHAB TIP: Obligated: TIP-MN Salem: TIP: Obligated: TIP: TENANCE : PRE TIP:	\$0 \$4,919,000 - RTE. I-581 OVI \$0 \$1,539,728 Preventive MN f \$0 \$0 EVENTIVE MAIN \$0	\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$	\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$0 \$0 2.83 Mi. Int. Rte. \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$0 \$0 101; 0.43 Mi. Int. \$0 \$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$3,495,402 \$0 \$3,495,402	\$0 MI) \$0 \$0 \$0 \$0	\$0 Remaining: \$0 \$0 Remaining: \$0 \$0 Remaining: \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$0 \$4,919,000 * \$0 \$1,539,728 * \$10,162,125 \$0 \$10,162,125 \$10,162,125 \$7,522,711 \$0

					STIP Gro	uping Det	ail				
						PO Study Ar		•			
				Federal O	oligated Fun	ds: 10/01/201	8 - 09/30/201	9			
					Funding S	ource/Amoun	t				
Locality	UPC / Des	scription	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
				T9912905 - N	laintenance :	Traffic and Sa	fety Operatio	ns			
Salem Distri											
	106876 9999	INTERSTATE 81 TIP:	1 & 77 MARKING \$0	RETRACE - SAL \$0	EM DISTRICT - V \$0	ARIOUS; VARIO	JS() \$0	\$0	\$0	\$0	¢
	InCO	Obligated:	\$0	\$0 \$121,400	\$0	\$0	\$0	\$0	\$0	\$0	\$(\$121,400
	1100	Obligated.	ψu	φ121,100	\$		\$	¢0	φ0	Remaining:	ψ121,400
Salem Distri	ct-wide										
	106877	REPLACE RPM	LENSES - INTE	RSTATE 81, 581 8	77 - I-81 MM 87.	4 ; I-77 MM 0; I-58	1 MM 0; I-81 MM	173.9; I-77 MM	24.1; I-581 MM 6	.6 (234.4000 MI)	
	9999	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	InCO	Obligated:	\$0	\$10,000	\$0	\$0	\$0	\$0	\$0	\$0	\$10,000
Salem Distri	ot wido									Remaining:	
Salem Distri		Ground Mounte	d Sign Ungrade	s - FY 17 RSAs - \	/arious: Various	()					
	9999	TIP:	t olgh opgrade \$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	InCO	Obligated:	\$0	\$242,400	\$0	\$0	\$0	\$0	\$0	\$0	\$242,400
		- 6								Remaining:	
Salem Distri											
				ING RETRACE - S		,	. ,	* 2	* 2	* 0	•
	9999	TIP:	\$0 \$0	\$0 \$746,300	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$(\$746.200
	InCO	Obligated:	φυ	\$740,500	φυ	φυ	φυ	φυ	φU	Remaining:	\$746,300
Salem Distri	ct-wide									Kemannig.	
	108333	Guardrail Upgra	des for 2016 Pa	ving Schedule - S	alem Dist Vari	ous; Various ()					
	9999	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	InCO	Obligated:	\$0	\$1,048,200	\$0	\$0	\$0	\$0	\$0	\$0	\$1,048,200
										Remaining:	
Salem Distri						• • • • • • •	<i>(</i>)				
	106881	FED ELIG. SEC	ONDARY MARK \$0	NG RETRACE - S	ALEM DIST. FY1 \$0	6 - Various; Vario	ous() \$0	\$0	\$0	\$0	\$(
	InCO	Obligated:	\$0	\$762,000	\$0	\$0	\$0	\$0	\$0	\$0	\$762,000
		obligation								Remaining:	¢102,000
Salem Distri	ct-wide										
		STIP-MN Salem	: Traffic and Saf	ety Operations -	. ,						
	0000	TIP:	\$0	\$3,471,333	\$0	\$0	\$0	\$0	\$0	\$0	\$3,471,33
		Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0 474 220
										Remaining:	\$3,471,333

				STIP Gro	uping De	tail				
				Roanoke M	IPO Study Ai	rea				
			Federal Ob	oligated Fun	ds: 10/01/201	18 - <mark>09/30/20</mark> 1	9			
				Funding S	ource/Amour	nt				
Locality	UPC / Description	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
Т9	9912905 - MAINTENANCE : TR	AFFIC AND SAI	ETY OPERATION	S SUBTOTAL						
	TIP:	\$0	\$3,471,333	\$0	\$0	\$0	\$0	\$0	\$0	\$3,471,33
	Obligated:	\$0	\$2,930,300	\$0	\$0	\$0	\$0	\$0	\$0	\$2,930,30
	Released:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$
									Remaining:	\$541,03

							- 11				
						uping Det					
					Roanoke M	IPO Study Ar	ea				
				Federal O	bligated Fun	ds: 10/01/201	8 - 09/30/201	9			
					Funding S	ource/Amoun	t				
Locality	UPC / De	scription	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
			Т9	912906 - Cons	struction : Saf	ety/ITS/Operat	tional Improv	ements			
Roanoke Co	unty										
	99542	RTE. 81 - EXIT 1		Facility Expansion	on - Int Rte 1128	and Rte 1150; 0.1	7 Mi. West of Int		50 (0.1700 MI)		
	0081	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	InCO	Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$(
		Released:	\$0	\$0	\$0	\$0	(\$117,702)	\$0	\$0	\$0	(\$117,702
Roanoke Co	untv									Remaining:	
Ruanuke Cu	•	1-81 - INSTALL S	SIGNS WITH FLA	SHERS - Mile Ma	urker 137 72: Mile	e Marker 138.18 (0	4600 MI)				
	0081	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$(
	InCO	Obligated:	\$0	\$3,947	\$0	\$0	\$0	\$0	\$0	\$0	\$3,94
		0								Remaining:	. ,
Botetourt Co	ounty										
	106737	#SGR FY17 SGI	R I-81 NB Bote. O	Co. Concrete Und	ersealing - MM 1	49.5 / S. END RAI	LROAD OVERP	ASS; SOUTH EN	D OF RTE. 779 (OVERPASS (2.10	DO MI)
	6737	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	InCO	Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		Released:	(\$758,088)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$758,088
										Remaining:	
Roanoke		_									
		•	Arrow Upgrade / \$0	- Williamson Rd \$0	& Airport Rd - W \$0	illiamson Road; A	Airport Road ()	\$0	\$0	\$0	¢.
	0011 InCO	TIP: Obligated:	\$0	\$0	\$0	\$0	\$0	\$0 \$0	\$0	\$0	\$(
	Inco	Released:	\$0	(\$10,231)	\$0	\$0	\$0	\$0	\$0	\$0	(\$10,231
		Keleaseu.	Ψΰ	(\$10,201)	\$	ψŬ		\$ 5	φ0	Remaining:	(\$10,201
Roanoke										Remaining.	
	109562	Flashing Yellov	w Arrow Upgrade	e - Valley View - V	alley View Blvd.	NW; Valley View	Ave.NW()				
	0019	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	InCO	Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		Released:	\$0	(\$10,257)	\$0	\$0	\$0	\$0	\$0	\$0	(\$10,257
										Remaining:	
Roanoke					_		.				
		•				Avenue; Jeffersor		*	*^	**	
	0024	TIP:	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$(
	InCO	Obligated: Released:	\$0	(\$16,319)	\$0 \$0	\$0	\$0	\$0 \$0	\$0	\$0	\$((\$16,319
		Released:	ወ	(\$10,319)	φ	φ	φυ	ΦŪ	φυ		(\$10,319
										Remaining:	

Roanoke MPO Study Area

					Funding S	ource/Amour	nt				
ocality	UPC / De	scription	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
Roanoke Cou	nty										
	108905	#HB2.FY17 Lila [Dr / Rte 115 Inter	rsection Safety Ir	nprovements - L	ila Drive; Route	115 (Plantation I	Road) (0.1000 MI)			
	0115		\$85,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85,0
		Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
										Remaining:	\$85,0
edford Cour	nty										
	114638	Install Flashing I	Beacons on Inte	rsection Warning	g Signs - Route 6	44; Route 644 ()				
	0122	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
		Obligated:	\$0	\$2,700	\$0	\$0	\$0	\$0	\$0	\$0	\$2,7
										Remaining:	
Botetourt Cou	unty										
	103210			arrow Structures	- 0.239 Mi. North	of Rte. 43; 0.630		te. 694 (0.9310 MI			
	0220		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	InCO	Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
		Released:	\$0	(\$47,816)	\$0	\$0	\$0	\$0	\$0	\$0	(\$47,8
										Remaining:	
Roanoke Cou	nty										
	107061	#HB2.FY17 Rte 4	19 Safety Impro	vements at Tang	lewood - Route	419; Route 867 (0.6000 MI)				
	0419	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
		Obligated:	\$602,617	\$0	\$0	\$0	\$0	\$0	\$175,742	\$0	\$778,3
										Remaining:	
loanoke											
	109566	Orange Avenue/	Blue Hills Signa	al Upgrade - City	of Roanoke - Ora	ange Avenue; Bl	ue Hills()				
	0460	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	InCO	Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
		Released:	\$0	(\$10,342)	\$0	\$0	\$0	\$0	\$0	\$0	(\$10,3-
										Remaining:	
loanoke											
	109570	Orange Avenue/	Hollins Road Si	gnal Upgrade - C	ity of Roanoke -	Route 460; Rout	te 115 ()				
	0460	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
		Obligated:	\$0	\$330,712	\$0	\$0	\$0	\$0	\$0	\$0	\$330,
		-								Remaining:	
alem Distric	t-wide										
	108695	ADA COMPLIAN	CE SALEM DIST	RICT - VARIOU	S; VARIOUS ()						
	9999		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
		Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	InCO	Obligateu.	ΨΟ	ΨŬ	ΨŬ	+ +					
	InCO	Released:	\$0	(\$27,408)	\$0	\$0	\$0	\$0	\$0	\$0	(\$27,40

Roanoke MPO Study Area

Locality				Funding S	ource/Amour	nt				
Locality	UPC / Description	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
/inton										
	114766 PEDESTRIA	SIGNAL UPGRA	DES - TOWN OF V	INTON - INT. VIN	YARD RD. AND	HARDY RD. (LOC	. 1); INT. WASH	INGTON AVE. AN	ND POLLARD ST.	(LOC. 2) ()
	9999 T	P: \$0		\$0	\$0	\$0	\$0	\$0	\$0	\$
	Obligate	d: \$0	\$22,050	\$0	\$0	\$0	\$0	\$0	\$0	\$22,05
									Remaining:	
Roanoke										
		-	g Improvements -							
		P: \$0		\$0	\$0	\$0	\$0	\$0	\$0	\$
	Obligate	d:\$0	\$0	\$0	\$0	\$80,000	\$0	\$0	\$0	\$80,00
Roanoke									Remaining:	
Nutione	111360 Franklin Roa	d Sidewalk Improv	vements- Rt. 220 B	- Roanoke City -	3100 Block: 220	Franklin Rd Byn	ass (0 7600 MI)			
		P: \$0		\$0	\$0 \$100 Block, 220	\$0	\$0	\$0	\$0	\$
	Obligate			\$0	\$0	\$0	\$0	\$0	\$0	\$250,00
	· · · · · · · · · · · · · · · · ·								Remaining:	+;
Roanoke										
	80558 RTE. U000 -	CORRIDOR IMPRO	VEMENTS ON HE	RSHBERGER RO	DAD - Cove Road	d; Rutgers St. (0.0	0000 MI)			
		P: \$0		\$0	\$0	\$0	\$0	\$0	\$0	\$
	InCO Obligate		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$
	Release) (\$51,665)	\$0	\$0	\$0	\$0	\$0	\$0	(\$51,66
									Remaining:	
									Remaining.	
Roanoke									Remaining.	
Roanoke		Hollins Rd & Oran	ge Ave Intersectio			Int Orange Ave/I	Hollins Rd; Int H	ollins Rd/Rhode		
Roanoke		P: \$0	\$0	\$0	\$0	\$0	\$0	ollins Rd/Rhodes \$0		
Roanoke		P: \$0	\$0						s Ave (0.2000 MI) \$0 \$0	\$ \$746,25
	0460 T	P: \$0	\$0	\$0	\$0	\$0	\$0	\$0	s Ave (0.2000 MI) \$0	
	0460 T Obligate	P: \$0 d: \$195,000) \$0) \$551,252	\$0 \$0	\$0 \$0	\$0	\$0	\$0	s Ave (0.2000 MI) \$0 \$0	
	0460 T Obligate 93160 Rte. U000 - V	P: \$(d: \$195,000 /alnut Ave. Int. Im	\$0 \$551,252	\$0 \$0 St at 8th; Street	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	s Ave (0.2000 MI) \$0 \$0 Remaining:	\$746,25
	0460 T Obligate 93160 Rte. U000 - V 0000 T	P: \$(d: \$195,000 /alnut Ave. Int. Im P: \$(\$0 \$0 \$551,252 \$ provement at 8th \$ \$ \$0 \$0	\$0 \$0 St at 8th; Street \$0	\$0 \$0 t (MI) \$0	\$0 \$0 \$0	\$0 \$0 \$0	\$0 \$0 \$0	s Ave (0.2000 MI) \$0 \$0 Remaining: \$0	\$746,25
	0460 T Obligate 93160 Rte. U000 - V 0000 T Obligate	P: \$(d: \$195,000 /alnut Ave. Int. Im P: \$(d: \$(\$0 \$0 \$551,252 \$ \$0 \$551,252 \$0 \$ \$0 \$ \$0 \$ \$0 \$ \$0 \$	\$0 \$0 St at 8th; Street \$0 \$0	\$0 \$0 t (MI) \$0 \$0	\$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0	s Ave (0.2000 MI) \$0 \$0 Remaining: \$0 \$0 \$0 \$0	\$746,25 \$ \$ \$
	0460 T Obligate 93160 Rte. U000 - V 0000 T	P: \$(d: \$195,000 /alnut Ave. Int. Im P: \$(d: \$(\$0 \$0 \$551,252 \$0 provement at 8th \$ \$0 \$0 \$0 \$0 \$0	\$0 \$0 St at 8th; Street \$0	\$0 \$0 t (MI) \$0	\$0 \$0 \$0	\$0 \$0 \$0	\$0 \$0 \$0	s Ave (0.2000 MI) \$0 \$0 Remaining: \$0 \$0 \$0 \$0 \$0 \$0	\$746,25 \$ \$ \$
Vinton	0460 T Obligate 93160 Rte. U000 - V 0000 T Obligate	P: \$(d: \$195,000 /alnut Ave. Int. Im P: \$(d: \$(\$0 \$0 \$551,252 \$ \$0 \$551,252 \$0 \$ \$0 \$ \$0 \$ \$0 \$ \$0 \$	\$0 \$0 St at 8th; Street \$0 \$0	\$0 \$0 t (MI) \$0 \$0	\$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0	s Ave (0.2000 MI) \$0 \$0 Remaining: \$0 \$0 \$0 \$0	\$746,25 \$ \$ \$
/inton	0460 T Obligate 93160 Rte. U000 - V 0000 T Obligate Release	P: \$(d: \$195,000 /alnut Ave. Int. Im P: \$(d: \$(d: \$(\$0 \$0 \$551,252 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$0 \$0 St at 8th; Street \$0 \$0 \$0	\$0 \$0 t (MI) \$0 \$0 \$0	\$0 \$0 \$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0	s Ave (0.2000 MI) \$0 \$0 Remaining: \$0 \$0 \$0 \$0 \$0 \$0	\$746,25 \$ \$ \$
Vinton	0460 T Obligate 93160 Rte. U000 - V 0000 T Obligate Release 109569 Flashing Yel	P: \$(d: \$195,000 /alnut Ave. Int. Imp P: \$(d: \$(d: \$(ow Arrow Upgrad	 \$0 \$551,252 \$551,252 \$0 \$0<td>\$0 \$0 St at 8th; Street \$0 \$0 \$0 \$0</td><td>\$0 \$0 t (MI) \$0 \$0 \$0 Brandon Avenue</td><td>\$0 \$0 \$0 \$0 \$0 \$0 \$0</td><td>0 \$0 \$0 \$0 \$0 \$0</td><td>\$0 \$0 \$0 \$0 \$0</td><td>s Ave (0.2000 MI) \$0 \$0 Remaining: \$0 \$0 \$0 \$0 Remaining:</td><td>\$746,25 \$ \$ (\$4,185</td>	\$0 \$0 St at 8th; Street \$0 \$0 \$0 \$0	\$0 \$0 t (MI) \$0 \$0 \$0 Brandon Avenue	\$0 \$0 \$0 \$0 \$0 \$0 \$0	0 \$0 \$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0 \$0	s Ave (0.2000 MI) \$0 \$0 Remaining: \$0 \$0 \$0 \$0 Remaining:	\$746,25 \$ \$ (\$4,185
Roanoke Vinton Roanoke	0460 T Obligate 93160 Rte. U000 - V 0000 T Obligate Release 109569 Flashing Yel 8029 T	P: \$(d: \$195,000 /alnut Ave. Int. Imp P: \$(d: \$(d: \$(ow Arrow Upgrad P: \$(\$0 \$0 \$551,252 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$0 \$0 St at 8th; Street \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$0 \$0 t (MI) \$0 \$0 Brandon Avenue \$0	\$0 \$0 \$0 \$0 \$0 \$0 \$ 0 \$0 \$0 \$0	0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0 \$0 \$0	s Ave (0.2000 MI) \$0 \$0 Remaining: \$0 \$0 \$0 Remaining: \$0	\$746,25 \$ \$ (\$4,185
Vinton	0460 T Obligate 93160 Rte. U000 - V 0000 T Obligate Release 109569 Flashing Yel	P: \$(d: \$195,000 /alnut Ave. Int. Imp P: \$(d: \$(d: \$(ow Arrow Upgrad P: \$(d: \$()	\$0 \$0 \$551,252 \$0 \$0 \$551,252 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$0 \$0 St at 8th; Street \$0 \$0 \$0 \$0	\$0 \$0 t (MI) \$0 \$0 \$0 Brandon Avenue	\$0 \$0 \$0 \$0 \$0 \$0 \$0	0 \$0 \$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0 \$0	s Ave (0.2000 MI) \$0 \$0 Remaining: \$0 \$0 \$0 \$0 Remaining:	

Roanoke MPO Study Area

					Funding S	ource/Amoun	t				
ocality	UPC / De	scription	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
alem Distric	ct-wide										
	105736	Roadway Depar	ture Safety Cour	ntermeasures - Va	arious; Various ()					
	9999	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$
	InCO	Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$
		Released:	\$0	(\$50,654)	\$0	\$0	\$0	\$0	\$0	\$0	(\$50,654
		_								Remaining:	
	0000	ONL OAFETV/JTC			0 (740000)						
	G999 0000	CN: SAFETY/ITS TIP: Obligated:	5/OPERATIONAL \$1,813,202 \$0	/IMPROVEMENT \$1,050,000 \$0	S - (T18999) \$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	
		TIP:	\$1,813,202	\$1,050,000	\$0					· · ·	
TS	0000	TIP: Obligated:	\$1,813,202 \$0	\$1,050,000	\$0 \$0	\$0				\$0	(
TS	0000	TIP: Obligated:	\$1,813,202 \$0	\$1,050,000 \$0	\$0 \$0	\$0				\$0	\$2,863,20
TS	0000	TIP: Obligated: ISTRUCTION : S	\$1,813,202 \$0 AFETY/ITS/OPE	\$1,050,000 \$0 RATIONAL IMPRO	\$0 \$0 DVEMENTS SUB	\$0 TOTAL	\$0	\$0	\$0	^{\$0} Remaining:	\$2,863,20 \$2,948,20
TS	0000	TIP: Obligated: ISTRUCTION : S TIP:	\$1,813,202 \$0 AFETY/ITS/OPE \$1,898,202	\$1,050,000 \$0 RATIONAL IMPR(\$1,050,000	\$0 \$0 DVEMENTS SUB \$0	\$0 TOTAL \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 Remaining: \$0	\$2,863,20 \$ \$2,863,20 \$2,948,20 \$2,214,02 (\$1,114,94'

					STIP Gro	uping Del					
					Roanoke M	PO Study Ar	ea				
				Federal Ob	oligated Fund	ds: 10/01/201	8 - 09/30/201	9			
					Funding S	ource/Amoun	t				
Locality	UPC / Descript	tion	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
			T9912907	- Constructio	n : Bridge Rel	habilitation/Re	eplacement/R	econstructior	n in the second s		
Botetourt Co	unty										
			•	STR 03166) - BRII							
	0011	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$
		bligated:	\$0	\$0	\$48,674	\$0	\$0	\$0	\$0	\$0	\$48,67
	R	Released:	\$0	(\$153,743)	\$0	\$0	\$0	(\$0)	\$0	\$0	(\$153,743
Deteteret Oe										Remaining:	
Botetourt Co	-							of Doute 020 /0	0000 141		
	77302 RTE. 1 0011	TIP:	S0	STR. 3167) - BRID	SO \$0	ENT - ROUTE 838	\$0	\$0 \$0	\$0	\$0	¢
		bligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$
			30	φυ	φU	φυ	4 0				•
				(\$182 383)	0 2	02	02	60	02	¢Ω	(@100.202
		Released:	\$0	(\$182,383)	\$0	\$0	\$0	\$0	\$0	\$0 Bomaining:	(\$182,383
Roanoke Cou	R	· ·		(\$182,383)	\$0	\$0	\$0	\$0	\$0	^{\$0} Remaining:	(\$182,383
Roanoke Cou	R	Released:	\$0							Remaining:	
Roanoke Cou	unty 77305 RTE. 1	Released:	\$0 BACK CREEK (\$	STR. 14928) - BRII	DGE REPLACEM	IENT - 0.285 MIL	E SOUTH ROUTE	945; 0.584 MIL	E SOUTH ROUT	Remaining: E 945 (0.3100 MI)	
Roanoke Cou	unty 77305 RTE. 1 0116	Released: 116 OVER TIP:	\$0 BACK CREEK (5 \$0	STR. 14928) - BRII \$0	DGE REPLACEM	IENT - 0.285 MIL \$0	E SOUTH ROUTE	E 945; 0.584 MIL \$0	E SOUTH ROUT	Remaining: E 945 (0.3100 MI) \$0	\$
Roanoke Cou	unty 77305 RTE. 1 0116	Released:	\$0 BACK CREEK (\$	STR. 14928) - BRII	DGE REPLACEM	IENT - 0.285 MIL	E SOUTH ROUTE	945; 0.584 MIL	E SOUTH ROUT	Remaining: E 945 (0.3100 MI) \$0 \$0	\$
Roanoke Cou Roanoke Cou	Ri unty 77305 RTE. 1 0116 Ot	Released: 116 OVER TIP:	\$0 BACK CREEK (5 \$0	STR. 14928) - BRII \$0	DGE REPLACEM	IENT - 0.285 MIL \$0	E SOUTH ROUTE	E 945; 0.584 MIL \$0	E SOUTH ROUT	Remaining: E 945 (0.3100 MI) \$0	
	Ri 77305 RTE. 1 0116 Ot unty	Released: 116 OVER TIP: bligated:	\$0 BACK CREEK (5 \$0 \$0	STR. 14928) - BRII \$0	DGE REPLACEM \$0 \$0	IENT - 0.285 MIL \$0 \$0	E SOUTH ROUTE \$0 \$0	5 945; 0.584 MIL \$0 \$0	E SOUTH ROUT \$0 \$0	Remaining: E 945 (0.3100 MI) \$0 \$0 Remaining:	\$ \$235,63
	Ri 77305 RTE. 1 0116 Ot unty	Released: 116 OVER TIP: bligated:	\$0 BACK CREEK (5 \$0 \$0	STR. 14928) - BRII \$0 \$235,633	DGE REPLACEM \$0 \$0	IENT - 0.285 MIL \$0 \$0	E SOUTH ROUTE \$0 \$0	5 945; 0.584 MIL \$0 \$0	E SOUTH ROUT \$0 \$0	Remaining: E 945 (0.3100 MI) \$0 \$0 Remaining:	\$ \$235,63 I)
	unty 77305 RTE. 1 0116 Ot unty 82193 RTE. 2 0220	Released: 116 OVER TIP: bligated: 220 OVER	\$0 BACK CREEK (5 \$0 \$0 BACK CREEK (5	STR. 14928) - BRII \$0 \$235,633 STR. 14935) - BRII	DGE REPLACEM \$0 \$0 DGE REPLACEM	IENT - 0.285 MIL \$0 \$0 1ENT - 0.199 MI S	E SOUTH ROUTE \$0 \$0 OUTH OF ROUT	E 945; 0.584 MIL \$0 \$0 E 657; 0.331 MI N	E SOUTH ROUT \$0 \$0 NORTH OF ROU	Remaining: E 945 (0.3100 MI) \$0 \$0 Remaining: TE 657 (0.5310 M	\$ \$235,63 I) \$
	unty 77305 RTE. 1 0116 Ot unty 82193 RTE. 2 0220 Ot	Released: 116 OVER TIP: bligated: 220 OVER TIP:	\$0 BACK CREEK (\$ \$0 \$0 BACK CREEK (\$	STR. 14928) - BRII \$0 \$235,633 STR. 14935) - BRII \$0	DGE REPLACEM \$0 \$0 DGE REPLACEM \$0	IENT - 0.285 MIL \$0 \$0 IENT - 0.199 MI S \$0	E SOUTH ROUTE \$0 \$0 OUTH OF ROUT \$0	E 945; 0.584 MIL \$0 \$0 E 657; 0.331 MI N \$0	E SOUTH ROUT \$0 \$0 NORTH OF ROU \$0	Remaining: E 945 (0.3100 MI) \$0 Remaining: TE 657 (0.5310 M \$0	\$ \$235,63 I) \$ \$1
	unty 77305 RTE. 1 0116 Ot unty 82193 RTE. 2 0220 Ot	Released: 116 OVER TIP: bligated: 220 OVER TIP: bligated:	\$0 BACK CREEK (\$ \$0 \$0 BACK CREEK (\$ \$0 \$10	STR. 14928) - BRII \$0 \$235,633 STR. 14935) - BRII \$0 \$0 \$0	DGE REPLACEM \$0 \$0 DGE REPLACEM \$0 \$0	IENT - 0.285 MIL \$0 \$0 IENT - 0.199 MI S \$0 \$0	E SOUTH ROUTE \$0 \$0 OUTH OF ROUT \$0 \$0 \$0	E 945; 0.584 MIL \$0 \$0 E 657; 0.331 MI N \$0 \$0	E SOUTH ROUT \$0 \$0 NORTH OF ROU \$0 \$0 \$0	Remaining: E 945 (0.3100 MI) \$0 Remaining: TE 657 (0.5310 M \$0 \$0	\$ \$235,63 I) \$ \$1
	unty 77305 RTE. 1 0116 Ot unty 82193 RTE. 2 0220 Ot	Released: 116 OVER TIP: bligated: 220 OVER TIP: bligated:	\$0 BACK CREEK (\$ \$0 \$0 BACK CREEK (\$ \$0 \$10	STR. 14928) - BRII \$0 \$235,633 STR. 14935) - BRII \$0 \$0 \$0	DGE REPLACEM \$0 \$0 DGE REPLACEM \$0 \$0	IENT - 0.285 MIL \$0 \$0 IENT - 0.199 MI S \$0 \$0	E SOUTH ROUTE \$0 \$0 OUTH OF ROUT \$0 \$0 \$0	E 945; 0.584 MIL \$0 \$0 E 657; 0.331 MI N \$0 \$0	E SOUTH ROUT \$0 \$0 NORTH OF ROU \$0 \$0 \$0	Remaining: E 945 (0.3100 MI) \$0 Remaining: TE 657 (0.5310 M \$0 \$0 \$0	\$ \$235,63 I) \$ \$1
Roanoke Cou	Ri 77305 RTE. 1 0116 Ot unty 82193 RTE. 2 0220 Ot Ri	Released: 116 OVER TIP: bligated: 220 OVER TIP: bligated: Released:	\$0 BACK CREEK (\$ \$0 \$0 BACK CREEK (\$ \$0 \$10 \$0	STR. 14928) - BRII \$0 \$235,633 STR. 14935) - BRII \$0 \$0 (\$11,606)	DGE REPLACEM \$0 \$0 DGE REPLACEM \$0 \$0 \$0 \$0	IENT - 0.285 MIL \$0 \$0 IENT - 0.199 MI S \$0 \$0 \$0 \$0	E SOUTH ROUTE \$0 \$0 COUTH OF ROUT \$0 \$0 \$0 \$0 \$0	E 945; 0.584 MIL \$0 \$0 E 657; 0.331 MI N \$0 \$0 \$0 \$0	E SOUTH ROUT \$0 \$0 NORTH OF ROU \$0 \$0 \$0	Remaining: E 945 (0.3100 MI) \$0 Remaining: TE 657 (0.5310 M \$0 \$0 \$0	\$ \$235,63 I) \$ \$1
Roanoke Cou	Ri 77305 RTE. 1 0116 Ot unty 82193 RTE. 2 0220 Ot Ri	Released: 116 OVER TIP: bligated: 220 OVER TIP: bligated: Released:	\$0 BACK CREEK (\$ \$0 \$0 BACK CREEK (\$ \$0 \$10 \$0	STR. 14928) - BRII \$0 \$235,633 STR. 14935) - BRII \$0 \$0 \$0	DGE REPLACEM \$0 \$0 DGE REPLACEM \$0 \$0 \$0 \$0	IENT - 0.285 MIL \$0 \$0 IENT - 0.199 MI S \$0 \$0 \$0 \$0	E SOUTH ROUTE \$0 \$0 COUTH OF ROUT \$0 \$0 \$0 \$0 \$0	E 945; 0.584 MIL \$0 \$0 E 657; 0.331 MI N \$0 \$0 \$0 \$0	E SOUTH ROUT \$0 \$0 NORTH OF ROU \$0 \$0 \$0	Remaining: E 945 (0.3100 MI) \$0 Remaining: TE 657 (0.5310 M \$0 \$0 \$0	\$ \$235,63 I) \$1 (\$11,606
Roanoke Cou	Ri 77305 RTE. 1 0116 Ot 0116 01 0116 01 011 011 011 011	Released: 116 OVER TIP: bligated: 220 OVER TIP: bligated: Released: - Apperso	\$0 BACK CREEK (\$ \$0 \$0 BACK CREEK (\$ \$0 \$10 \$0 \$0 n Drive Bridge F	STR. 14928) - BRII \$0 \$235,633 STR. 14935) - BRII \$0 \$0 (\$11,606) Replacement - Eas	DGE REPLACEM \$0 \$0 DGE REPLACEM \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	IENT - 0.285 MIL \$0 \$0 IENT - 0.199 MI S \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	E SOUTH ROUTE \$0 \$0 COUTH OF ROUT \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	E 945; 0.584 MIL \$0 \$0 E 657; 0.331 MI N \$0 \$0 \$0 \$0 000 MI)	E SOUTH ROUT \$0 \$0 NORTH OF ROU \$0 \$0 \$0	Remaining: E 945 (0.3100 MI) \$0 Remaining: TE 657 (0.5310 M \$0 \$0 \$0 Remaining:	\$ \$235,63 I) \$1 (\$11,606
Roanoke Cou	Ri 77305 RTE. 1 0116 Ot 0116 01 0116 01 011 011 011 011	Alleased: 116 OVER TIP: bligated: 220 OVER TIP: bligated: Released: - Apperso TIP:	\$0 BACK CREEK (\$ \$0 \$0 BACK CREEK (\$ \$0 \$10 \$0 n Drive Bridge F \$0	STR. 14928) - BRII \$0 \$235,633 STR. 14935) - BRII \$0 (\$11,606) Replacement - Eas \$0	DGE REPLACEM	IENT - 0.285 MIL \$0 \$0 IENT - 0.199 MI S \$0 \$0 \$0 e; Route 419 - EI \$0	E SOUTH ROUTE \$0 \$0 COUTH OF ROUT \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	E 945; 0.584 MIL \$0 \$0 E 657; 0.331 MI N \$0 \$0 \$0 \$0 000 MI) \$0	E SOUTH ROUT \$0 \$0 NORTH OF ROU \$0 \$0 \$0 \$0	Remaining: E 945 (0.3100 MI) \$0 Remaining: TE 657 (0.5310 M \$0 \$0 Remaining: Remaining:	\$ \$235,63 I) \$1 (\$11,606
Roanoke Cou Salem	Linty 77305 RTE. 1 0116 Ot 2017 82193 RTE. 2 0220 Ot R 110574 #SGR - 0011 Ot	Alleased: 116 OVER TIP: bligated: 220 OVER TIP: bligated: Released: - Apperso TIP:	\$0 BACK CREEK (\$ \$0 \$0 BACK CREEK (\$ \$0 \$10 \$0 n Drive Bridge F \$0	STR. 14928) - BRII \$0 \$235,633 STR. 14935) - BRII \$0 (\$11,606) Replacement - Eas \$0	DGE REPLACEM	IENT - 0.285 MIL \$0 \$0 IENT - 0.199 MI S \$0 \$0 \$0 e; Route 419 - EI \$0	E SOUTH ROUTE \$0 \$0 COUTH OF ROUT \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	E 945; 0.584 MIL \$0 \$0 E 657; 0.331 MI N \$0 \$0 \$0 \$0 000 MI) \$0	E SOUTH ROUT \$0 \$0 NORTH OF ROU \$0 \$0 \$0 \$0	Remaining: E 945 (0.3100 MI) \$0 \$0 Remaining: TE 657 (0.5310 M \$0 \$0 \$0 \$0 Remaining: TE 657 (0.5310 M \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$ \$235,63 I) \$1 (\$11,606
Roanoke Cou	Ri 77305 RTE. 1 0116 Ot 0116 Ot 0116 01 011 01 011 011 01 011 01	Released: 116 OVER TIP: bligated: 220 OVER TIP: bligated: caleased: - Apperso TIP: bligated:	\$0 BACK CREEK (\$ \$0 \$0 BACK CREEK (\$ \$0 \$10 \$0 n Drive Bridge F \$0 \$0 \$0	STR. 14928) - BRII \$0 \$235,633 STR. 14935) - BRII \$0 (\$11,606) Replacement - Eas \$0	DGE REPLACEM \$0 \$0 DGE REPLACEM \$0 \$0 \$0 st Riverside Driv \$0 \$0 \$0	IENT - 0.285 MIL \$0 \$0 IENT - 0.199 MI S \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	E SOUTH ROUTE \$0 \$0 \$0 COUTH OF ROUT \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	E 945; 0.584 MIL \$0 \$0 \$0 E 657; 0.331 MI N \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	E SOUTH ROUT \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	Remaining: E 945 (0.3100 MI) \$0 \$0 Remaining: TE 657 (0.5310 M \$0	\$ \$235,63 I) \$1 (\$11,606
Roanoke Cou Salem	Ri 77305 RTE. 1 0116 Ot 0116 Ot 0116 01 011 01 011 011 01 011 01	Released: 116 OVER TIP: bligated: 220 OVER TIP: bligated: caleased: - Apperso TIP: bligated:	\$0 BACK CREEK (\$ \$0 \$0 BACK CREEK (\$ \$0 \$10 \$0 n Drive Bridge F \$0 \$0 \$0	STR. 14928) - BRII \$0 \$235,633 STR. 14935) - BRII \$0 (\$11,606) Replacement - Eas \$0 \$280,000	DGE REPLACEM \$0 \$0 DGE REPLACEM \$0 \$0 \$0 st Riverside Driv \$0 \$0 \$0	IENT - 0.285 MIL \$0 \$0 IENT - 0.199 MI S \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	E SOUTH ROUTE \$0 \$0 \$0 COUTH OF ROUT \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	E 945; 0.584 MIL \$0 \$0 \$0 E 657; 0.331 MI N \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	E SOUTH ROUT \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	Remaining: E 945 (0.3100 MI) \$0 \$0 Remaining: TE 657 (0.5310 M \$0	\$ \$235,63 I) \$1 (\$11,606 \$ \$280,00
Roanoke Cou Salem	Ri 110574 #SGR - 110574 #SGR - 0011 Of 0011 Of 0011 Of 0011 Of 0013 RTE. 7 0738	Released: 116 OVER TIP: bligated: 220 OVER TIP: bligated: caleased: - Apperso TIP: bligated: 200 DVER	\$0 BACK CREEK (\$ \$0 \$0 BACK CREEK (\$ \$0 \$10 \$0 n Drive Bridge F \$0 \$0 \$0 BLADE CREEK	STR. 14928) - BRII \$0 \$235,633 STR. 14935) - BRII \$0 \$0 (\$11,606) Replacement - Eas \$0 \$280,000 (STR. 03516 AND	DGE REPLACEM \$0 \$0 DGE REPLACEM \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	IENT - 0.285 MIL \$0 \$0 IENT - 0.199 MI S \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	E SOUTH ROUTE \$0 \$0 \$0 COUTH OF ROUT \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	E 945; 0.584 MIL \$0 \$0 E 657; 0.331 MI N \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	E SOUTH ROUT \$0 \$0 \$0 NORTH OF ROU \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	Remaining: E 945 (0.3100 MI) \$0 \$0 \$0 Remaining: TE 657 (0.5310 M \$0	\$ \$235,63

Roanoke MPO Study Area

				Funding S	ource/Amoun	t				
ocality	UPC / Description	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
lulti-jurisdic	ctional: Roanoke MPO									
	G000 BRIDGE REHAB	ILITATION/REPL	ACEMENT - (T1	9000)						
	0000 TIP:	\$577,276	\$0	\$0	\$0	\$0	\$1,327,167	\$0	\$0	\$1,904,44
	Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$
	_								Remaining:	\$1,904,443
	TIP: Obligated: Released:	\$577,276 \$10 \$0	\$0 \$515,633 (\$347,732)	\$0 \$48,674 \$0	\$0 \$0 \$0	\$0 \$0 \$0	\$1,327,167 \$0 (\$117,921)	\$0 \$0 \$0	\$0 \$0 \$0 Remaining:	\$1,904,44 \$564,31 (\$465,653 \$1,340,12
	MPO SUBTOTAL TIP: Obligated:	\$2,806,788 \$9,977,911	\$39,887,884 \$5,455,693	\$0 \$48,674	\$0 \$0	\$0 \$300,000	\$4,822,569 \$0	\$0 \$3,683,643	\$0 \$0	\$47,517,24 \$19,465,92
	Released:	(\$1,114,246)	(\$994,671)	\$0	\$0	(\$2,318,865)	(\$117,921)	\$0_	\$0 Remaining:	(\$4,545,702 \$28,051,32

APPENDIX B: Grouped Projects

				STIP Tra	ansactior	IS				
				Roanoke M	PO Study A	rea				
			Federal Ob	ligated Fun	ds: 10/01/20 [,]	18 - <mark>09/30/20</mark> 1	9			
				Funding S	ource/Amour	nt				
ocality	UPC / Description	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
				Int	erstate					
Roanoke Co	ounty									
	110395 #HB2.FY17 I-81	AUX LANE FRO	M EXIT 141 TO 14	3 DEBT SERVIC	E-()					
	0081 TIP:	\$439,024	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$439,02
	Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$
	- Ia								Remaining:	\$439,02
	INTERSTATE SUBTOTAL									
	TIP:	\$439,024	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$439,02
	Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$
	•	¢0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$
	Released:	\$0	\$ U	\$ U	φυ	ψυ	ΨŪ	ψŪ	ΨŪ	Ψ

					STIP Tra	ansaction	IS				
					Roanoke M	PO Study A	rea				
				Federal Ob	ligated Fund	ds: 10/01/201	18 - 09/30/201	9			
					Funding S	ource/Amour	it				
ocality	UPC / Descri	ption	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
					Pr	rimary					
oanoke Co	unty										
	17698 RTE	11/460 - Wi	den to 4-LN w/ci	urb, gutter, and ra	ised median0	55 MI. E. OF WC	L SALEM; 0.10 M	ILE WEST ROUT	E 830 (2.1880 M	I)	
	0011	TIP:	\$0	\$0	\$33,361	\$0	\$0	\$31,761	\$0	\$0	\$65,12
	InCO	Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$
										Remaining:	\$65,12
	PRIMARY S	SUBTOTAL									
		TIP:	\$0	\$0	\$33,361	\$0	\$0	\$31,761	\$0	\$0	\$65,12
				\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$
		Obligated:	\$0	\$ 0	ψυ	**					
		Obligated: Released:	\$0 \$0	\$0 \$0	\$0 \$0	\$0	\$0	\$0	\$0	\$0	\$

				STIP Tra	ansaction	S				
				Roanoke M	PO Study Ar	ea				
			Federal Ob	oligated Fund	ds: 10/01/201	8 - 09/30/201	9			
				Funding S	ource/Amoun	t				
Locality	UPC / Description	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
				U	Irban					
Roanoke										
	688 13TH STREET A	ND HOLLINS R	OAD - JAMISON A	VE; .08 MILE NC	RTH INT. ORAN	GE AVENUE (0.9	790 MI)			
	688 TIP:	\$0	(\$2,077,664)	\$561,239	\$0	\$0	\$0	\$0	\$0	(\$1,516,425
	Obligated:	\$0	\$314,938	\$0	\$0	\$0	\$0	\$0	\$0	\$314,93
	_								Remaining:	
	URBAN SUBTOTAL									
	TIP:	\$0	(\$2,077,664)	\$561,239	\$0	\$0	\$0	\$0	\$0	(\$1,516,425
	Obligated:	\$0	\$314,938	\$0	\$0	\$0	\$0	\$0	\$0	\$314,93
	Released:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$
									Remaining:	

				STIP Tr	ansaction	IS				
				Roanoke M	/IPO Study Ar	rea				
			Federal Ob	ligated Fur	nds: 10/01/201	18 - <mark>09/30/20</mark> 1	19			
				Funding \$	Source/Amoun	nt				
Locality	UPC / Description	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
				Se	condary					
	0 No projects ident	tified in the MPO	Area							
	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$
									Remaining:	
	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$
	Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$
	Released:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$
									Remaining:	

				STIP Tr	ansaction	IS				
				Roanoke M	IPO Study Ar	rea				
			Federal Ol	oligated Fun	ds: 10/01/201	18 - <mark>09/30/20</mark> 1	9			
				Funding S	Source/Amoun	nt				
Locality	UPC / Description	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
				Misc	ellaneous					
	0 No projects identi	ified in the MPC	Area							
	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$
									Remaining:	
	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$(
	Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Released:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
									Remaining:	•

				STIP Tr	ansactior	าร				
				Roanoke M	IPO Study A	rea				
			Federal Ol	bligated Fun	ds: 10/01/20 ⁻	18 - <mark>09/30/20</mark> 1	19			
				Funding S	Source/Amour	nt				
Locality	UPC / Description	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
				Public T	ransportation					
	0 No projects iden	tified in the MPC) Area							
	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$
									Remaining:	
	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$
	Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$
	Released:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$
									Remaining:	

				STIP Tra	ansaction	S				
				Roanoke M	PO Study Ar	ea				
			Federal Ob	ligated Fun	ds: 10/01/201	8 - 09/30/201	9			
				Funding S	ource/Amoun	t				
ocality	UPC / Description N	IHS/NHP S	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
					Rail					
	0 No projects identifi	ed in the MPO	Area							
	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$
									Remaining:	
	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$
	Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$
	Released:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$
									Remaining:	

				STIP Tr	ansaction	IS				
				Roanoke N	IPO Study Ai	rea				
			Federal Ob	ligated Fun	ds: 10/01/201	18 - <mark>09/30/20</mark> 1	19			
				Funding S	ource/Amour	nt				
Locality	UPC / Description	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
				Enha	ancement					
	0 No projects identi	fied in the MPO	Area							
	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$
									Remaining:	
	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$(
	Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$(
	Released:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
									Remaining:	÷

				STIP Tra	ansaction	S				
				Roanoke M	PO Study Ar	ea				
			Federal Ob	oligated Fun	ds: 10/01/201	8 - 09/30/201	19			
				Funding S	ource/Amoun	t				
ocality	UPC / Description	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
				Gr	ouping					
	G901 Construction :	Transportation E	nhancement/Byw	ay/Non-Traditior	nal - (T9912901)					
	2901 TIP:	\$331,310	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$331,3
	Obligated:	\$1,407,573	\$0	\$0	\$0	\$220,000	\$0	\$0	\$0	\$1,627,5
	Released:	(\$356,158)	(\$407,788)	\$0	\$0	(\$2,201,162)	\$0	\$0	\$0	(\$2,965,10
									Remaining:	
	G903 Maintenance : F	Preventive Mainte	enance and Syste	m Preservation	· (T9912903)					
	2903 TIP:	\$0	\$28,699,828	\$0	\$0	\$0	\$0	\$0	\$0	\$28,699,8
	Obligated:	\$0	\$1,099,099	\$0	\$0	\$0	\$0	\$3,507,901	\$0	\$4,607,0
									Remaining:	\$24,092,8
	G904 Maintenance : F	Preventive Mainte	enance for Bridge	s - (T9912904)						
	2904 TIP:	\$0	\$6,666,723	\$0	\$0	\$0	\$3,495,402	\$0	\$0	\$10,162,1
	Obligated:	\$7,522,711	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$7,522,7
	-								Remaining:	\$2,639,4
	G905 Maintenance : 1	Fraffic and Safety	Operations - (T9	912905)						
	2905 TIP:	\$0	\$3,471,333	\$0	\$0	\$0	\$0	\$0	\$0	\$3,471,3
	Obligated:	\$0	\$2,930,300	\$0	\$0	\$0	\$0	\$0	\$0	\$2,930,3
									Remaining:	\$541,0
	G906 Construction : S	Safety/ITS/Onera	tional Improveme	nts - (T9912906	,					
	2906 TIP:	\$1,898,202	\$1,050,000	\$0	\$0	\$0	\$0	\$0	\$0	\$2,948,2
	Obligated:	\$1,047,617	\$910,661	\$0	\$0	\$80,000	\$0	\$175,742	\$0	\$2,214,0
	Released:	(\$758,088)	(\$239,152)	\$0	\$0	(\$117,702)	\$0	\$0	\$0	(\$1,114,94
	1	I	I		I	i			Remaining:	\$734,1
	G907 Construction : I	Bridge Rehabilite	tion/Replacemen	t/Reconstruction	- (T9912907)					
	2907 Construction . I	\$577,276	so	\$0	\$0	\$0	\$1,327,167	\$0	\$0	\$1,904,4
	Obligated:	\$10	\$515,633	\$48,674	\$0	\$0	\$0	\$0	\$0	\$564,3
	Released:	\$0	(\$347,732)	\$0	\$0	\$0	(\$117,921)	\$0	\$0	(\$465,65
										\$1,340,12

				STIP Tra	ansaction	S				
				Roanoke M	PO Study Ar	ea				
			Federal Ob	oligated Fund	ds: 10/01/201	8 - 09/30/201	19			
				Funding S	ource/Amoun	t				
Locality	UPC / Description	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
	GROUPING SUBTOTAL									
	TIP:	\$2,806,788	\$39,887,884	\$0	\$0	\$0	\$4,822,569	\$0	\$0	\$47,517,241
	Obligated:	\$9,977,911	\$5,455,693	\$48,674	\$0	\$300,000	\$0	\$3,683,643	\$0	\$19,465,921
	Released:	(\$1,114,246)	(\$994,671)	\$0	\$0	(\$2,318,865)	(\$117,921)	\$0	\$0	(\$4,545,702)
								-	Remaining:	\$28,051,320
	MPO SUBTOTAL									
	TIP:	\$3,245,812	\$37,810,220	\$594,600	\$0	\$0	\$4,854,330	\$0	\$0	\$46,504,962
	Obligated:	\$9,977,911	\$5,770,631	\$48,674	\$0	\$300,000	\$0	\$3,683,643	\$0	\$19,780,859
	Released:	(\$1,114,246)	(\$994,671)	\$0	\$0	(\$2,318,865)	(\$117,921)	\$0	\$0	(\$4,545,702)
								-	Remaining:	\$26,724,103