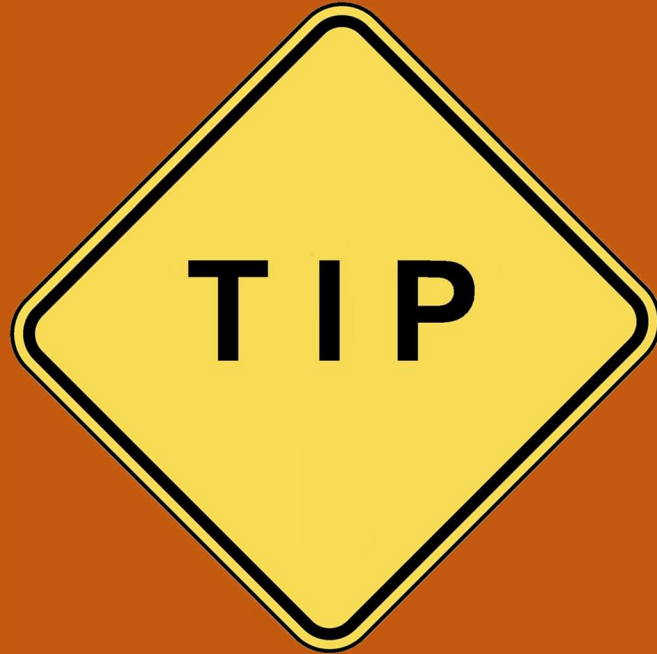


**Roanoke Valley Transportation
PLANNING ORGANIZATION**
Staffed by the
REGIONALcommission



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

Transportation Improvement Program



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Acknowledgement

This report was prepared by the Roanoke Valley-Alleghany Regional Commission (RVARC) staff in cooperation with and assistance by the: Federal Highway Administration (FHWA), Federal Transit Administration (FTA), Virginia Department of Rail and Public Transportation (DRPT), Virginia Department of Transportation (VDOT), Roanoke Valley Transportation Planning Organization (RVTPPO) member localities, Greater Roanoke Transit Company (GRTC/Valley Metro), and RADAR (Roanoke Area Dial A Ride).

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.

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The Honorable Mickey Johnson

Botetourt County Representatives

The Honorable Steve Clinton

The Honorable Billy Martin, Sr.**

Montgomery County Representative

The Honorable Steve Fijalkowski

Roanoke County Representatives

The Honorable Phil North

The Honorable David Radford

City of Roanoke Representatives

The Honorable Bill Bestpitch

The Honorable Joe Cobb

City of Salem Representatives

The Honorable Jane Johnson

The Honorable Bill Jones

(Alternates:

The Honorable Randy Foley

The Honorable James Martin)

Town of Vinton Representatives

The Honorable Keith Liles

The Honorable Janet Scheid*

Greater Roanoke Transit Company (Valley Metro) Representative

Kevin Price

Roanoke-Blacksburg Regional Airport Representative

Vacancy (Alternate: Tim Bradshaw)

Virginia Department of Rail and Public Transportation Representative

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Kenneth H. King, PE, District Engineer

(Alternate: Michael Gray)

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Federal Highway Administration

Kevin Jones

Federal Transit Administration

Vacancy

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Richard Caywood (Roanoke County Designee)

Bob Cowell (City of Roanoke CAO)

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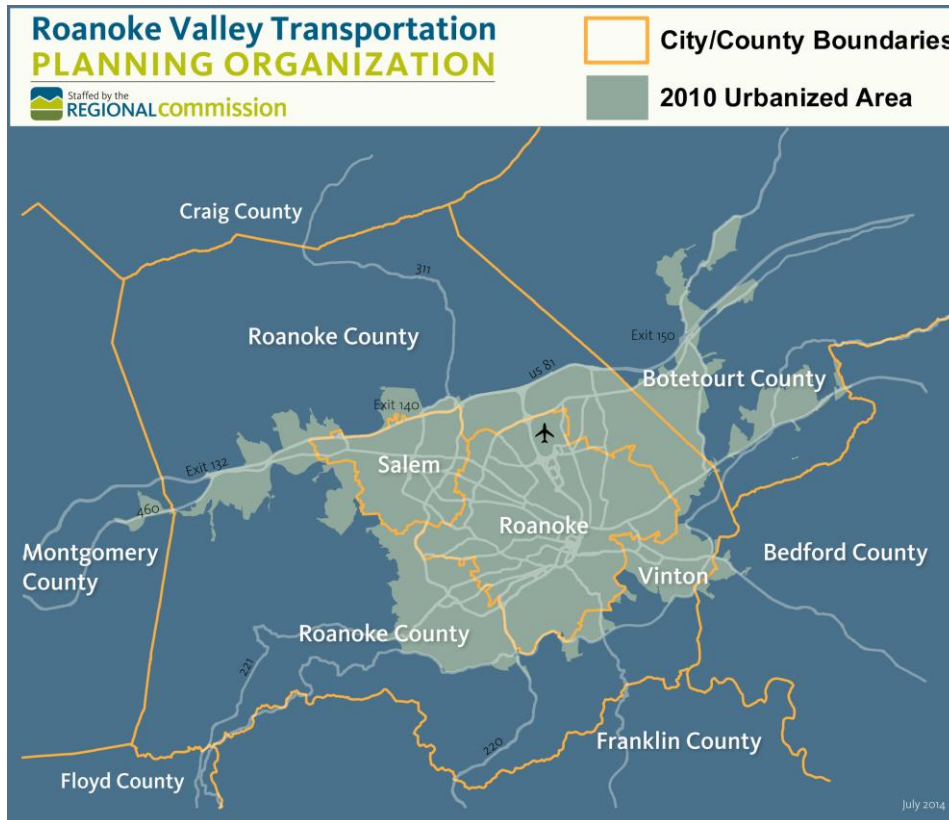
*Chair

**Vice-Chair

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



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).



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:

1. 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;
2. 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
3. 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

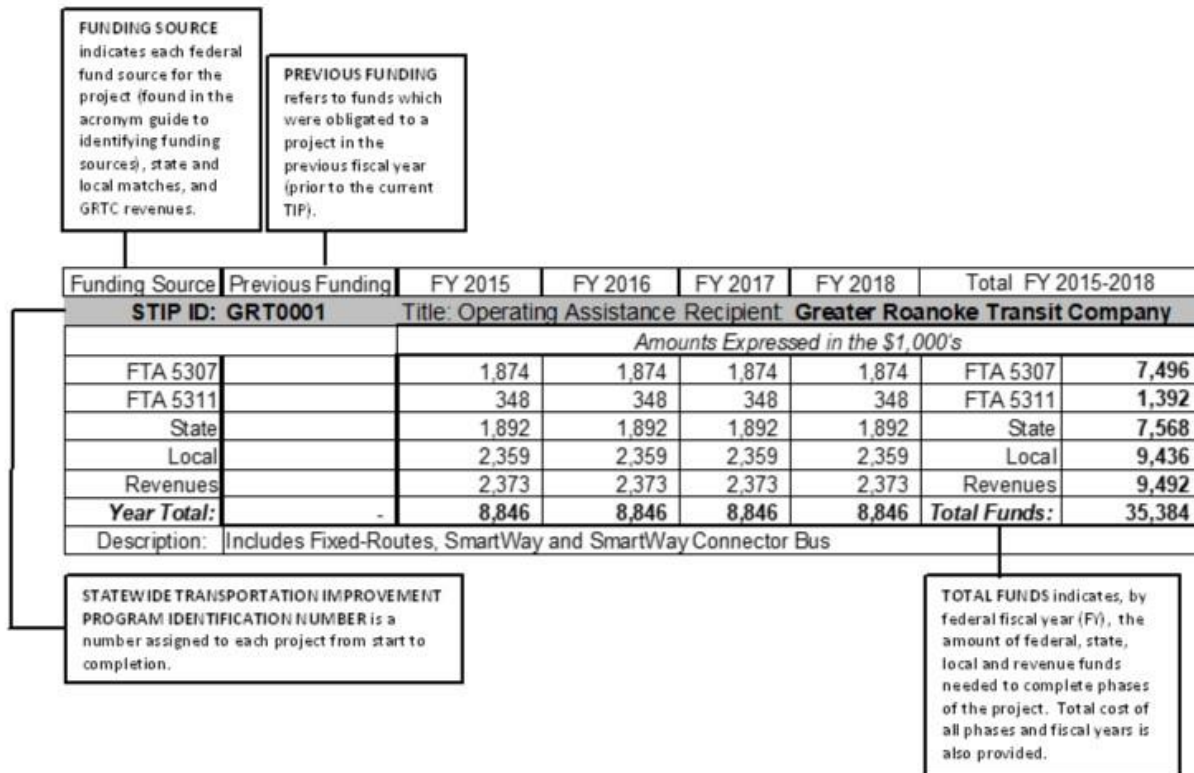


Diagram of Highway Project Information

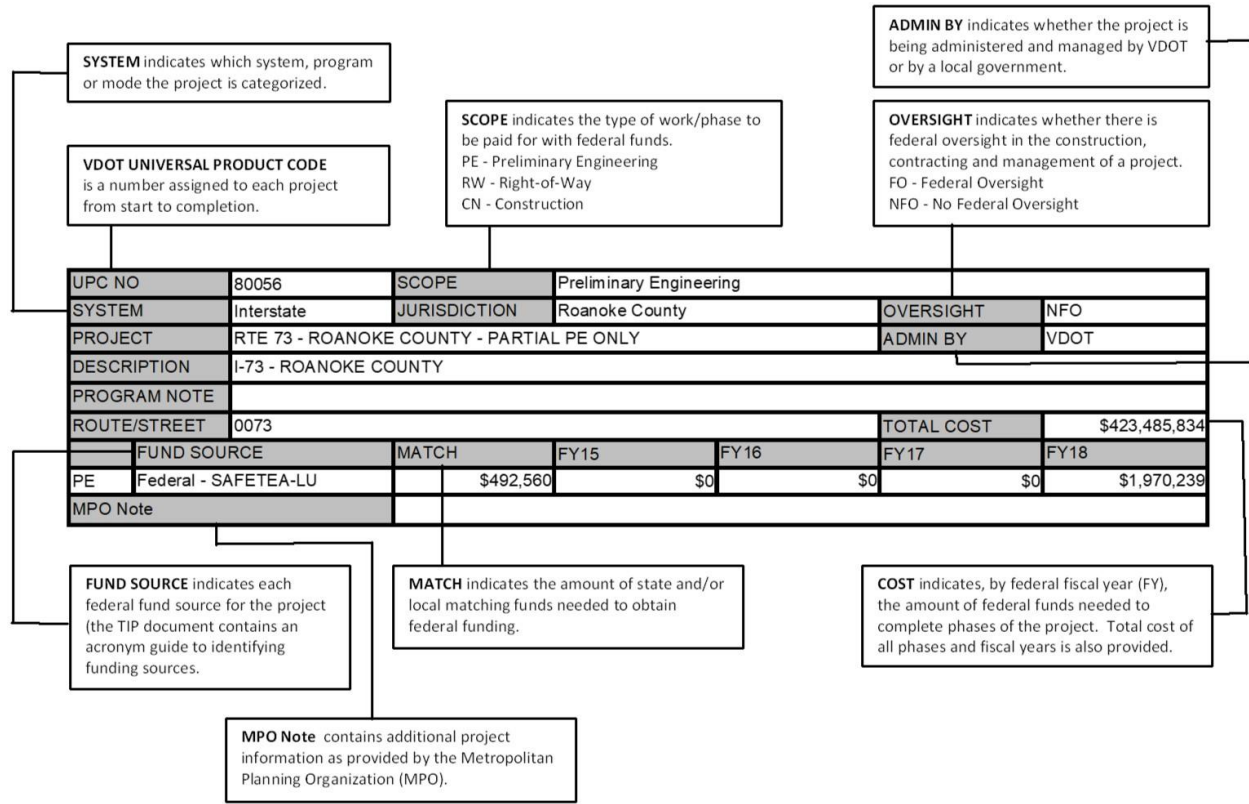


Table 1: Project System

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

Fund Source	FFY 2018		FFY 2019		FFY 2020		FFY 2021		TOTAL	
	Projected Obligation Authority	Planned Obligation	Projected Obligation Authority	Planned Obligation	Projected Obligation Authority	Planned Obligation	Projected Obligation Authority	Planned Obligation	Projected Obligation Authority	Planned Obligation
Federal										
BR/BROS	\$1,872,457	\$1,872,457	\$0	\$0	\$0	\$0	\$487,340	\$487,340	\$2,359,797	\$2,359,797
NHFP	\$257,530	\$257,530	\$0	\$0	\$0	\$0	\$0	\$0	\$257,530	\$257,530
NHS/NHPP	\$12,974,104	\$12,974,104	\$441,710	\$441,710	\$2,143,415	\$2,143,415	\$0	\$0	\$15,559,229	\$15,559,229
RSTP (2)	\$2,530,374	\$2,530,374	\$0	\$0	\$0	\$0	\$0	\$0	\$2,530,374	\$2,530,374
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	\$6,435,901
TAP	\$1,192,664	\$1,192,664	\$331,310	\$331,310	\$0	\$0	\$0	\$0	\$1,523,974	\$1,523,974
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	\$28,666,805
Other										
Non-Federal	\$1,169,376	\$1,169,376	\$0	\$0	\$369,117	\$369,117	\$1,271,503	\$1,271,503	\$2,809,996	\$2,809,996
State Match	\$3,697,129	\$3,697,129	\$188,672	\$188,672	\$381,944	\$381,944	\$610,724	\$610,724	\$4,878,469	\$4,878,469
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	\$7,688,465
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	\$36,355,270
Federal - ACC (1)										
HSIP	\$0	\$0	\$900,000	\$900,000	\$370,000	\$370,000	\$1,000,000	\$1,000,000	\$2,270,000	\$2,270,000
BR	\$0	\$0	\$1,327,167	\$1,327,167	\$0	\$0	\$0	\$0	\$1,327,167	\$1,327,167
NHS/NHPP	\$582,888	\$582,888	\$2,033,768	\$2,033,768	\$0	\$0	\$2,378,558	\$2,378,558	\$4,995,214	\$4,995,214
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	\$8,592,381
Statewide - Federal (4)										
NHFP	\$2,000,000	\$2,000,000	\$0	\$0	\$0	\$0	\$0	\$0	\$2,000,000	\$2,000,000
Subtotal -- Statewide - Federal (4)	\$2,000,000	\$2,000,000	\$0	\$0	\$0	\$0	\$0	\$0	\$2,000,000	\$2,000,000
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	\$7,210,263
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	\$66,777,246
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	\$73,987,509

- (1) ACC -- Advance Construction -- Funding Included in Federal Category based on year of AC Conversion.
- (2) 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 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,



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.



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)	M	Urbanized
BH	Bridge Rehabilitation	MG	Minimum Guarantee
CM	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	S	State
FR	Federal Reimbursement Grant Repayment	SRTS	Safe Routes to School
FHW A	Federal Highway Administration	STP	Surface Transportation Program
FTA	Federal Transit Administration	TB	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
I	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 Preliminary Engineering (PE), Right-of-Way Acquisition (ROW) and Construction (CN).



VDOT Virginia Department of Transportation **Six-Year Improvement Program**

Fund Sources	Required Allocations						Required After FY2020
	Preliminary Engineering	FY2015	FY2016	FY2017	FY2018	FY2019	
Bond Match: State Bond Match	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Bridge Replacement: Federal	\$37	\$0	\$0	\$0	\$0	\$0	\$0
Bridge Replacement: Federal	\$1,064	\$0	\$0	\$0	\$0	\$0	\$0
Districtwide: Federal	\$94	\$0	\$0	\$0	\$0	\$0	\$0
Soft Match: Federal	\$206	\$0	\$0	\$0	\$0	\$0	\$0
STP: Bridge - Federal	\$0	\$1,446	\$920	\$295	\$3,303	\$0	\$0
STP: Bridge - Soft Match	\$0	\$362	\$230	\$71	\$626	\$0	\$0
Total Funding	\$1,471	\$1,808	\$1,150	\$366	\$4,128	\$0	\$0

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 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 four-year TIP cycle
- Informational purposes only, funding being pursued
- The project is to be funded from [category] group funding

Roanoke MPO Study Area Federal Obligated Funds: 10/01/2012 - 9/30/2013											
Funding Source / Amount											
UPC	Project Description	NHPP	M/INH	STP	EB/IG	CMAQ	BRO \$	DEMO	SAFE	ARRA	TOTAL
Botetourt County											
Interstate											
5 6188	I-81 - WIDEN NBL & SBL BRIDGE - 0.44 MILE SOUTH OF EXIT 162; EXIT 162 (0.2700 MI)										
	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Released:	\$0	(\$11,962)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$11,962)
	Remaining:										*
7 5810	I-81 - IMPROVEMENTS FOR SAFETY & CONGESTION AT EXIT 150 - 0.15 MILE NORTH ROUTE										
	1636 (AT NS RR); ROUTE 653 @ 3000 MI)										
	TIP:	\$0	\$88,076	\$0	\$0	\$0	\$0	\$0	\$,788,795	\$0	\$,876,871
	Obligated:	\$0	\$,718,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$,718,000
	Remaining:										\$,158,871



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 (non-metropolitan) 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:



- 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
 - 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.



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 Final Rule published 1/15/16. Effective date 1/14/16. RVTPO adopted PM targets 1/25/18.	1. Number of fatalities 2. Fatality rate (per 100 million VMT) 3. Number of serious injuries 4. Serious injury rate (per 100 million VMT) 5. Number of non-motorized fatalities and serious injuries.
Pavement and Bridge Final Rule published 1/18/17. Effective date 5/20/17. RVTPO adopted PM targets 10/25/18.	1. % of pavements on the Interstate system in good condition 2. % of pavements on the Interstate system in poor condition 3. % of pavements on the non-Interstate NHS in good condition 4. % of pavements on the non-Interstate NHS in poor condition 5. % of NHS bridges classified as in good condition 6. % of NHS bridges classified as in poor condition
Highway System Performance Final Rule published 1/18/17. Effective date 5/20/17. RVTPO adopted PM targets 10/25/18.	1. % of person miles traveled on the Interstate system that are reliable 2. % of person miles traveled on the non-Interstate NHS that are reliable 3. % of Interstate system mileage providing for reliable truck travel times (Truck Travel Time Reliability)
Transit Asset Management Final Rule published 7/26/16. Effective date 10/1/16. RVTPO adopted PM targets 10/25/18.	1. % of revenue vehicles that have met or exceeded their useful life benchmark 2. % of non-revenue vehicles that have met or exceeded their useful life benchmark 3. Percentage of track segments with performance restrictions 4. 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 (CLRMTTP) 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 CLRMTTP 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 CLRMTTP 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-motorized serious injuries, 5-year rolling average	18	4% reduction	16

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.

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.

Table 1: Pavement Condition Measures and Performance Targets

Interstate Pavement Condition Measures²	CY 2018-2019 Two-Year Target	CY 2018-2021 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 Measures⁴	2018-2019 Two-Year Target	2018-2021 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%

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

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.

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.



Table 2: NHS Bridge Condition Measures and 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 VTrans2040 Vision, 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 [State of Good Repair](#) 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: [State of Good Repair for Bridges](#) and [Local Assistance Funding Programs](#).

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



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.

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

Interstate Pavement Condition Measures	CY 2018-2021 Four-Year Target	RVTPO 2019 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 Four-Year Target	RVTPO 2019 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 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.



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 VTrans2040 Vision, 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,



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.



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.

Table 1: TAM Performance Measures by Asset Category

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 percentage

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 [Federal Fiscal Year 2018 Group Transit Asset Management Plan 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.

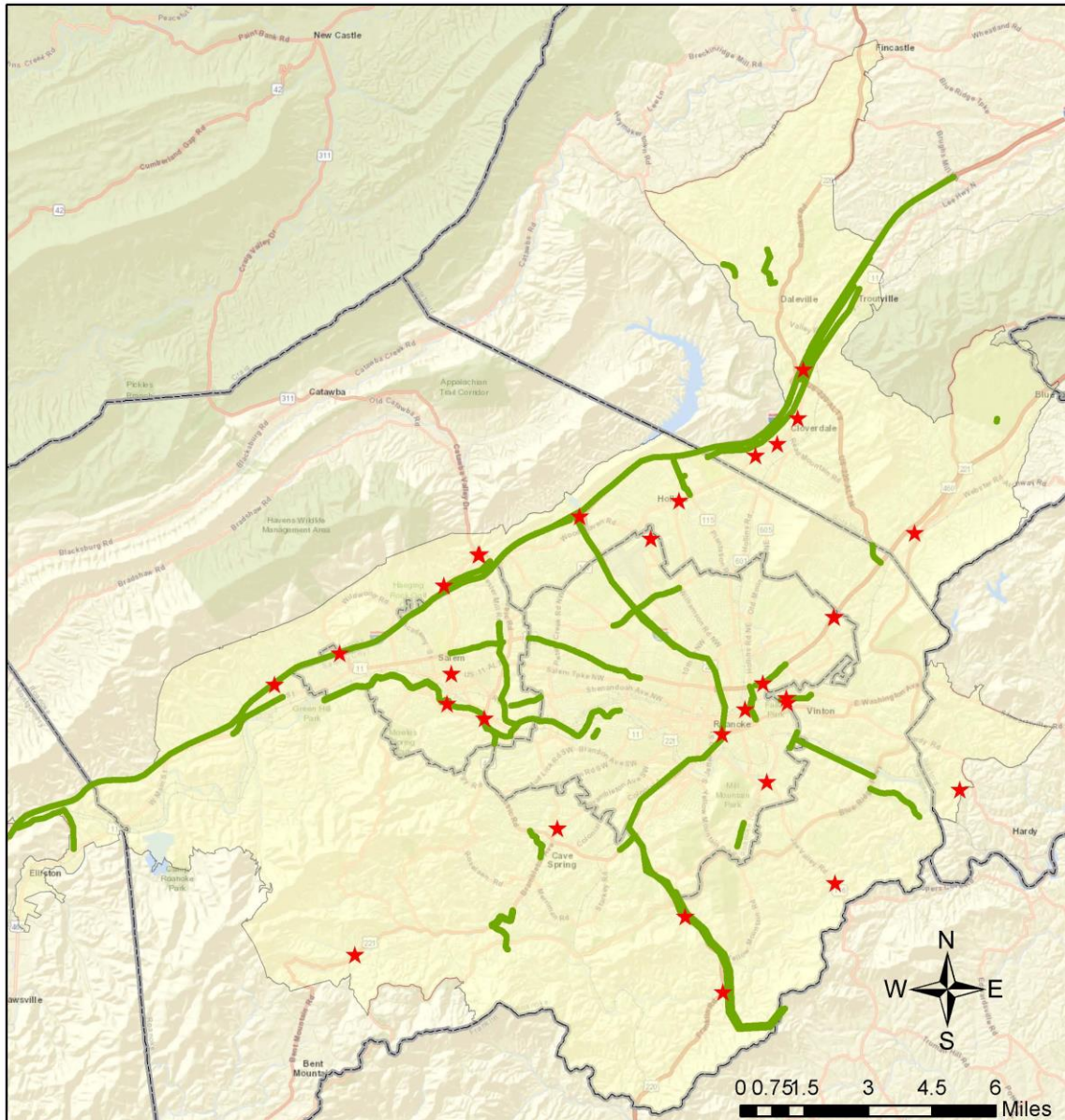
Table 2: TAM Targets for rolling stock and facilities: Percentage of Revenue Vehicles that have met or exceeded their ULB by Asset Type

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



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

Legend

- ★ TIP 2018-2021 Projects
- TIP 2018-2021 Projects
- 2040 RVTPO Study Area



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



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



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



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



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
ROANOKE VALLEY AREA METROPOLITAN PLANNING ORGANIZATION						
STIP ID:	GRT0001	Title: Operating Assistance			Recipient: Greater Roanoke Transit Company	
FTA 5307	2,422	2,015	4,304	-	2,094	FTA 5307 8,413
FTA 5311	354	354	513	605	605	FTA 5311 2,077
State	2,169	2,169	2,169	2,408	2,408	State 9,154
Local	1,566	1,566	1,566	2,733	2,733	Local 8,598
Revenues	2,314	2,314	2,314	2,245	2,245	Revenues 9,118
Year Total:	8,825	8,418	10,866	7,991	10,085	Total Funds: 37,360
Description:	Adjustment #4: increase FTA 5311 funding in FY19 by \$159K to \$513K. Adjustment #6: In total, increase funding by \$10,170K. Increase FY20 funding by \$7,840K (increase FTA funding by \$2,699K, increase State by \$2,408K, increase Local by \$2,733K) and show \$2,245K in Revenues in FY20. Increase FY21 funding by \$7,840K (increase FTA funding by \$2,699K, increase State by \$2,408K, increase Local by \$2,733K) and show \$2,245K in Revenues in FY21. Adjustment #7: Increase FTA 5307 funding in FY19 by \$2,289K to \$4,304K. Decrease FTA 5307 funding in FY20 by \$2,094K to \$0.					
STIP ID:	GRT0002	Title: Preventative Maintenance			Recipient: Greater Roanoke Transit Company	
FTA 5307		672	1,435	-	698	FTA 5307 2,805
State						State -
Local		167	358	-	174	Local 699
Year Total:	-	839	1,793	-	872	Total Funds: 3,504
Description:	Adjustment #7: Increase FTA 5307 funding in FY19 by \$763K to \$1,435K. Increase Local funding \$191K to \$358K. Decrease FTA 5307 funding in FY20 by \$698K to \$0, and decrease Local funding by \$174K to \$0.					
STIP ID:	GRT0003	Title: Replace/Rehabilitate 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
Description:	Adjustment #1: In total, increase funding by \$3,797K. Increase previous funding by \$3,814K (decrease RSTP by 344K, increase state by 3,947K, increase local by \$211K) and move previous funding of \$1452K RSTP, \$3,947K state, and \$211K local to FY18, decrease FY18 by 84K (decrease RSTP by 67K, decrease state by \$17K), increase FY19 by 19K (increase RSTP by 15K, increase state by \$4K), increase FY20 by \$48K (increase RSTP by 38K, increase state by 10K). Modification needed to align actual RSTP funding allocated by VDOT under UPC T18675 and approved SYIP; also, to include state bond funds allocated in previous years. Adjustment #2: in total, increase funding by \$171K. Increase FTA funding by \$133K, increase state by \$31K, and local by \$7K. Adjustment #11: in total, increase funding to \$4,337K in FY20 by moving \$1,579K in RSTP from FY19 to FY20 and moving \$395K in State from FY19 to FY20.					
STIP ID:	GRT0004	Title: Support Vehicles			Recipient: Greater Roanoke Transit Company	
FTA 5339				27		FTA 5339 27
Flexible STP						Flexible STP -
State				68		State 68
Local				5		Local 5
Year Total:	-	-	-	100	-	Total Funds: 100
Description:	Amendment #3 This is a new project in the TIP					
STIP ID:	GRT0005	Title: Purchase Bus Shelters			Recipient: Greater Roanoke Transit Company	
FTA 5339						FTA 5339 -
State						State -
Local						Local -
Year Total:	-	-	-	-	-	Total Funds: -
Description:	Adjustment #2: In total, decrease funding by 200K in FY19 and FY20. In FY19, decrease FTA 5339 by 80K, state by 16K and local by 4K. In FY20, decrease FTA 5339 by 80K, state by 16K and local by 4K.					



	Previous Funding	FY 2018	FY 2019	FY 2020	FY 2021	Total FY 2018-2021
STIP ID:	GRT0006	Title: Rehab/Renovation of Admin/Maint Building		Recipient: Greater Roanoke Transit Company		
FTA 5339		226				FTA 5339 226
State		45				State 45
Local		11				Local 11
Year Total:	-	282	-	-	-	Total Funds: 282
Description:	Adjustment #2: In total, increase funding by 116K. Increase FTA 5339 funding by \$66K in FY18, increase state by \$13K, and local by \$3K.					
STIP ID:	GRT0007	Title: Shop Equipment		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: Increase FTA 5339 funding by \$144K in FY18, increase state by \$28K, and increase local by \$10K. Remove all FTA, state, and local funding in FY19.					
STIP ID:	GRT0008	Title: ADP Software		Recipient: Greater Roanoke Transit Company		
FTA 5339		3				FTA 5339 3
State		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 Hardware		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 Adjustment #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 Design of a multimodal facility.					



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 Operating Assistance			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	
Description:	Adjustment #3: Decrease FY19 total funding \$50K (decrease FTA 5310 \$25K, decrease state \$21K, decrease local \$5K, increase revenues \$1K) in accordance with FY19 SYIP. Adjustment #5: Decrease FY20 funding \$10K (decrease FTA 5310 \$5K, State \$4K, local \$1K, revenues \$12K) in accordance with FY20 draft SYIP.							
STIP ID: RAD0002		Title: Paratransit Vehicles			Recipient: RADAR - 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: Increase FY19 total funding \$40K (increase FTA 5310 \$32K, increase local \$8K) in accordance with FY19 SYIP. Adjustment #5: Decrease FY20 funding \$20K (decrease FTA 5310 \$16K, local \$4K) in accordance with FY20 draft SYIP.							



7.3 Lutheran Family Services of Virginia Project Details

	Previous Funding	FY 2018	FY 2019	FY 2020	FY 2021	Total FY 2018-2021
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
Description:	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 2018-2021
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 2018-2021
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	-	-	-	-	-	FTA TIGER -
FBD	-	-	-	-	-	FBD -
Flexible STP	-	-	-	-	-	Flexible STP -
CMAQ	-	-	-	-	-	CMAQ -
STBG	-	-	-	-	-	STBG -
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	-	-	-	-	-	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	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	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	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	6,714	2,228	3,400	2,873	State	15,215
Local	1,566	2,038	1,992	2,808	2,963	Local	9,801
Revenues	2,314	2,324	2,326	2,245	2,259	Revenues	9,154
Totals	8,825	17,992	13,123	12,806	13,297		57,218



APPENDIX A - Grouped Projects

Roanoke MPO

Project Groupings

GROUPING		Construction : Bridge Rehabilitation/Replacement/Reconstruction						
ROUTE/STREET							TOTAL COST	\$64,132,505
	FUND SOURCE	MATCH	FY18	FY19	FY20	FY21		
RW	Federal - BR	\$75,556	\$302,225	\$0	\$0	\$0		
CN	Federal - AC CONVERSION	\$621,833	\$582,888	\$1,904,443	\$0	\$0		
	Federal - BR	\$121,835	\$0	\$0	\$0	\$487,340		
CN TOTAL		\$743,668	\$582,888	\$1,904,443	\$0	\$487,340		
CN AC	Federal - AC	\$0	\$0	\$0	\$0	\$1,927,317		

GROUPING		Construction : Rail						
ROUTE/STREET							TOTAL COST	
	FUND SOURCE	MATCH	FY18	FY19	FY20	FY21		
		\$0	\$0	\$0	\$0	\$0		

Roanoke MPO Project Groupings

GROUPING		Construction : Safety/ITS/Operational Improvements				
ROUTE/STREET					TOTAL COST	\$724,320,376
	FUND SOURCE	MATCH	FY18	FY19	FY20	FY21
PE	Federal - AC CONVERSION	\$180,000	\$0	\$250,000	\$370,000	\$1,000,000
	Federal - HSIP	\$21,111	\$190,000	\$0	\$0	\$0
	Federal - NHS/NHPP	(\$1,799)	(\$7,195)	\$0	\$0	\$0
PE TOTAL		\$199,312	\$182,805	\$250,000	\$370,000	\$1,000,000
PE AC	Federal - AC	\$291,111	\$2,620,000	\$0	\$0	\$0
	Federal - AC OTHER	\$0	\$0	\$0	\$47,165,000	\$0
PE AC		\$291,111	\$2,620,000	\$0	\$47,165,000	\$0
RW	Federal - HSIP	\$16,667	\$0	\$150,000	\$0	\$0
	Federal - NHS/NHPP	\$89,178	\$0	\$356,710	\$0	\$0
RW TOTAL		\$105,844	\$0	\$506,710	\$0	\$0
CN	Federal - AC CONVERSION	\$1,030,985	\$0	\$2,106,492	\$0	\$2,378,558
	Federal - HSIP	\$646,889	\$572,000	\$0	\$850,000	\$4,400,000
	Federal - NHFP	\$64,383	\$257,530	\$0	\$0	\$0
	Federal - NHS/NHPP	\$911,492	\$2,495,967	\$0	\$1,150,000	\$0
CN TOTAL		\$2,653,748	\$3,325,497	\$2,106,492	\$2,000,000	\$6,778,558
CN AC	Federal - AC	\$336,506	\$650,000	\$0	\$2,378,558	\$0
	Federal - AC 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) FFY20 PE phase.				

Federal funds include the use of soft match supported by approved toll credits unless otherwise indicated and/or matching funds are shown in the "Match" column. Non-federal fund sources are as noted in the "Program Note" and shown in t

GROUPING		Construction : Transportation Enhancement/Byway/Non-Traditional				
ROUTE/STREET					TOTAL COST	\$43,325,085
	FUND SOURCE	MATCH	FY18	FY19	FY20	FY21
RW	Federal - TAP/F	\$3,000	\$12,000	\$0	\$0	\$0
CN	Federal - RSTP	\$632,594	\$2,530,374	\$0	\$0	\$0
	Federal - TAP/F	\$248,117	\$661,158	\$331,310	\$0	\$0
	Federal - TAP/RTAP	\$129,877	\$519,506	\$0	\$0	\$0
CN TOTAL		\$1,010,587	\$3,711,038	\$331,310	\$0	\$0
CN AC	Federal - AC	\$176,311	\$7,302,235	\$94,900	\$0	\$0

GROUPING		Maintenance : Preventive Maintenance and System Preservation				
PROGRAM NOTE		Funding identified to be obligated districtwide as projects are identified.				
ROUTE/STREET					TOTAL COST	
	FUND SOURCE	MATCH	FY18	FY19	FY20	FY21
CN	Federal - STP/STBG	\$0	\$7,830,599	\$6,885,779	\$8,721,206	\$8,756,272

GROUPING		Maintenance : Preventive Maintenance for Bridges				
PROGRAM NOTE		Funding identified to be obligated districtwide as projects are identified.				
ROUTE/STREET					TOTAL COST	
	FUND SOURCE	MATCH	FY18	FY19	FY20	FY21
CN	Federal - BR	\$0	\$1,753,772	\$1,542,166	\$1,953,236	\$1,961,089
	Federal - STP/STBG	\$0	\$5,452,802	\$4,794,881	\$6,072,972	\$6,097,390
CN TOTAL		\$0	\$7,206,574	\$6,337,047	\$8,026,208	\$8,058,479

GROUPING		Maintenance : Traffic and Safety Operations				
PROGRAM NOTE		Funding identified to be obligated districtwide as projects are identified.				
ROUTE/STREET					TOTAL COST	
	FUND SOURCE	MATCH	FY18	FY19	FY20	FY21
CN	Federal - STP/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

	System	UPC Jurisdiction / Name / Description	Street(Route)	Estimate
Miscellaneous	T19000	Salem District-wide BRIDGE REHABILITATION/REPLACEMENT	0000	\$0
Primary	77300	Botetourt County RTE. 11 OVER TINKER CREEK (STR 03166) - BRIDGE REPLACEMENT FROM: 0.04 Mile North of Route 1039 TO: 0.13 Mile North of Route 1039 (0.0900 MI)	0011	\$4,376,365
Primary	77302	Botetourt County RTE. 11 OVER TINKER CREEK (STR. 3167) - BRIDGE REPLACEMENT FROM: Route 838 TO: 0.09 Mile North of Route 838 (0.0900 MI)	0011	\$3,758,054
Primary	77305	Roanoke County RTE. 116 OVER BACK CREEK (STR. 14928) - BRIDGE REPLACEMENT FROM: 0.285 MILE SOUTH ROUTE 945 TO: 0.584 MILE SOUTH ROUTE 945	0116	\$6,437,612
Primary	82193	Roanoke County RTE. 220 OVER BACK CREEK (STR. 14935) - BRIDGE REPLACEMENT FROM: 0.199 MI SOUTH OF ROUTE 657 TO: 0.331 MI NORTH OF ROUTE 657 (0.5310 MI)	0220	\$17,825,199
Primary	94726	Roanoke County RTE. 221 OVER MARTINS CREEK (STR. 14945) - BRIDGE REPLACEMENT FROM: 0.01 mi S. Int Rte 696 TO: 0.01 mi N. Int. Rte 696	0221	\$3,648,210
Secondary	62650	Bedford County #SGR RTE. 634 OVER ROANOKE RIVER (STR. 02718) - BRIDGE REPLACEMENT FROM: 0.19 Mi. West of Franklin County Line TO: 0.12 Mi. East of Bedford County Line (0.3100 MI)	HARDY FORD BRIDGE (0634)	\$11,970,041
Secondary	52803	Botetourt County RTE 779 - INT IMPROVEMENTS & BRIDGE OVER AMSTERDAM CREEK FROM: 0.169 MILE EAST ROUTE 672 EAST TO: 0.236 MILE WEST ROUTE 672 EAST (0.4213 MI)	CATAWBA RD (0779)	\$7,857,623
Secondary	90086	Botetourt County RTE. 738 OVER GLADE CREEK (STR. 03516 AND 03517) - BRIDGE REPLACEMENT FROM: Intersection Rte. 460 TO: 0.339 Mile East of Intersection 460 (0.3390 MI)	WEBSTER ROAD (0738)	\$4,949,536
Urban	76677	Vinton replace bridge and approaches over Glade Creek FROM: 0.098 Miles West of 5th St. TO: 0.052 Miles East of 5th St. (0.1500 MI)	WALNUT AVENUE (U000)	\$3,309,865
Construction : Bridge Rehabilitation/Replacement/Reconstruction Total				\$64,132,505

Construction : Rail

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

Roanoke MPO

Construction : Safety/ITS/Operational Improvements

	System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Interstate	104048	Botetourt County	0081		\$608,647
			FY13-14 VMS INSTALLATION: INTERSTATE 81		
			FROM: NB at MM 147.5 TO: SB at MM 172.0		
Interstate	99542	Roanoke County	EDGEBROOK ROAD (0081)		\$3,665,725
			RTE. 81 - EXIT 140 Park 'N Ride Facility Expansion		
			FROM: Int Rte 1128 and Rte 1150 TO: 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 FLASHERS		
			FROM: Mile Marker 137.72 TO: Mile Marker 138.18 (0.4600 MI)		
Interstate	108906	Roanoke County	I-81 (0081)		\$29,830,716
			#HB2.FY17 I-81 NB Auxillary Lane from Exit 141 to 143		
			FROM: Exit 141 NB TO: MM 143 NB (2.0000 MI)		
Interstate	103828	Salem District-wide	INTERSTATE 81 (0081)		\$9,322,269
			I81 Pavement Rehabilitation		
			FROM: VARIOUS TO: VARIOUS (6.6600 MI)		
Interstate	104046	Salem District-wide	INTERSTATE 77 (0081)		\$873,291
			RTES. I77 & I81 - FY14-15 REPLACE SIGNS		
			FROM: Interstate 77 TO: Interstate 81		
			Waiting Financial Closure		
Interstate	94089	Roanoke	0581		\$22,907,827
			ARRA RTE. 581 - at Elm Ave. (Design-Build)		
			FROM: Exit Ramps accessing Elm Ave. TO: 0.016 Mi.W.WilliamsonRd.-0.045 Mi. E. 4TH ST., SE ON ELM AVE (0.2240 MI)		
Interstate	97231	Roanoke	0581		\$911,783
			ARRA - C RTE. 581 - AT ELM AVE (DESIGN BUILD)		
			FROM: Exit Ramps accessing Elm Ave. TO: 0.016 Mi W WilliamsonRd.-0.045 MI. E 4th St., SE on Elm Ave. (0.2240 MI)		
Interstate	92558	Montgomery County	NORTH FORK ROAD (0603)		\$17,770,264
			RTE. 603 - IRONTO/ELLISTON CONNECTOR		
			FROM: I-81 Exit 128 TO: Intersection Rte. 11/460 (2.0110 MI)		
Interstate	106428	Salem District-wide	9999		\$121,647
			INTERSTATE 81 & 77 MARKING RETRACE PHASE 1 - SALEM DISTRICT		
			FROM: VARIOUS TO: VARIOUS		
			All funding obligated based on current allocations/estimate		
Interstate	107099	Salem District-wide	9999		\$292,727
			Districtwide Buckle-Up Signing Safety Improvement - Salem		
			FROM: VARIOUS TO: VARIOUS		
			All funding obligated based on current allocations/estimat		
Interstate	108991	Salem District-wide	9999		\$1,810,000
			Systemic Roadway Departure Treatments		
			FROM: VARIOUS TO: VARIOUS		
Interstate	107802	Statewide	9999		\$500,000
			Incident Management Emergency Evacuation and Detour Plans		
			FROM: Various TO: Various		
Interstate	106737	Botetourt County	VARIOUS (PM2R)		\$4,600,000
			#SGR FY17 SGR I-81 NB Bote. Co. Concrete Undersealing		
			FROM: MM 149.5 / S. END RAILROAD OVERPASS TO: SOUTH END OF RTE. 779 OVERPASS (2.1000 MI)		

Roanoke MPO

Construction : Safety/ITS/Operational Improvements

	System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Miscellaneous	T18999	Salem District-wide	0000		\$0
		CN: SAFETY/ITS/OPERATIONAL/IMPROVEMENTS			
Miscellaneous	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	BOTETOVRT 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)			

Roanoke MPO

Construction : Safety/ITS/Operational Improvements

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

Roanoke MPO**Construction : Transportation Enhancement/Byway/Non-Traditional**

	System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Enhancement	105439	Roanoke	ROANOKE RIVER GREENWAY (0000) Roanoke River Greenway (Bridge St to Aerial Way Dr) - RSTP FROM: Bridge Street TO: Aerial Way Drive (1.8000 MI)		\$7,605,000
Enhancement	105206	Salem	APPERSON DRIVE (0000) Apperson Dr Rte. 11 Bridge - Sidewalk Expansion (Ph 4 RRG) FROM: East Riverside Drive TO: Electric Road Rte. 419 (0.0600 MI)		\$1,230,845
Enhancement	103345	Roanoke	MEMORIAL AVE (0003) RR Grnwy-Bike/Ped b/t Vic Thomas/Ghent Hill Parks FROM: Vic Thomas Park TO: Ghent Hill Park (0.2500 MI)		\$248,316
Enhancement	103592	Roanoke	0500 Virginian Railway Station Restoration Phase 2 FROM: Virginian Railway Station TO: Virginian Railway Station		\$1,014,930
Enhancement	101838	Salem	ROANOKE RIVER GREENWAY (EN00) Bridge on Phase 3A_City of Salem Roanoke River Greenway FROM: approximately 1200' E. Mill Lane TO: Eddy St.		\$744,028
Enhancement	91191	Roanoke County	EN08 Rnke River Grnwy - City of Roanoke to Blue Ridge Parkway		\$6,857,566
Enhancement	97171	Roanoke County	EN08 #HB2.FY17 Roanoke Co, RRG, Green Hill Pk to Riverside Pk FROM: Green Hill Park TO: Riverside Park (1.7300 MI)		\$8,032,031
Enhancement	103607	Roanoke County	PLANTATION ROAD (RT. 115) (EN12) Roanoke Co., Plantation Road Streetscape Improvements FROM: Williamson Road (Route 11) TO: Gander Way / Friendship Ln (0.7200 MI)		\$5,297,128
Enhancement	107521	Botetourt County	EN15 DALEVILLE GREENWAY - TAP		\$595,438
Enhancement	106265	Roanoke	GARDEN CITY BLVD (EN15) GARDEN CITY BLVD BIKE/PED - TRANSPORTATION ALTERNATIVES FROM: Davenport Ave/Ivywood St TO: Riverland Rd		\$1,000,000
Enhancement	106266	Roanoke	MELROSE AVE (EN15) ADA BUS FACILITIES - TRANSPORTATION ALTERNATIVES FROM: Barnett Rd (Western City Limits) TO: Salem Tpke (2.8000 MI)		\$205,980
Enhancement	106268	Salem	HANGING ROCK BATTLEFIELD TRAIL (EN15) HANGING ROCK BATTLEFIELD TRAIL - TRANSPORTATION ALTERNATIVES FROM: existing Hanging Rock Battlefield Trail TO: East Main St		\$1,333,117
Enhancement	109612	Salem	EN16 DOWNTOWN STREETScape AND INTERSECTION IMPROVEMENTS		\$613,000
Enhancement	109611	Vinton	EN16 GLADE CREEK GREENWAY, PHASE 2		\$531,210
Enhancement	103495	Roanoke County	EN97 Low Water Bridge for HRB Trail near Int. Rtes. 419 and 311		\$368,630

Roanoke MPO

Construction : Transportation Enhancement/Byway/Non-Traditional

	System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Miscellaneous	102856	Roanoke	GARDEN CITY BOULEVARD (0000) City of Roanoke - SRTS - Garden City ES - Sidewalks etc. FROM: Yellow Mountain Rd TO: Ivywood St (0.7400 MI)		\$507,793
Miscellaneous	T18992	Salem District-wide	0000 CN: TRANSPORTATION ENHANCEMENT/BYWAY/OTHER NON-TRADITIONAL		\$0
Miscellaneous	105015	Roanoke	ROANOKE CITY (MMTS) Downtown Roanoke Multimodal Transportation Study FROM: Roanoke TO: Roanoke		\$300,000
Primary	78217	Roanoke	WILLIAMSON RD (EN05) REHABILITATION OF VIRGINIAN RAILWAY STATION		\$489,999
Public Transportation	T14242	Roanoke	ROANOKE CITY (BUSR) Bus Replacement for Smart Way Commuter Service FROM: Roanoke TO: Blacksburg		\$560,000
Urban	109288	Roanoke	EDGEWOOD STREET (0000) #HB2.FY17 Transit Accessibility Improvements on Edgewood St FROM: Windsor Ave TO: Memorial Ave		\$350,811
Urban	72180	Roanoke	EN03 CITY OF ROANOKE - ROANOKE RIVER GREENWAY WITHIN THE CITY OF ROANOKE LIMITS		\$2,550,285
Urban	108899	Salem	BOULEVARD (8010) #HB2.FY17 Multimodal Improvements along Boulevard FROM: McDivitt Rd TO: Salem City Limit (0.7500 MI)		\$884,880
Urban	56409	Salem	EN00 CITY OF SALEM - CONSTRUCTION OF 7 MILE BICYCLE/PEDESTRIAN FROM: Western limits of Green Hill Park, Roanoke County TO: Eastern corporate limits of City of Salem (7.0000 MI)		\$2,004,098
Construction : Transportation Enhancement/Byway/Non-Traditional Total					\$43,325,085

Maintenance : Preventive Maintenance and System Preservation

	System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Miscellaneous	T14722	Salem District-wide	0000 STIP-MN Salem: Preventive MN and System Preservation		\$0
Maintenance : Preventive Maintenance and System Preservation Total					\$0

Maintenance : Preventive Maintenance for Bridges

	System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Miscellaneous	T14721	Salem District-wide	0000 STIP-MN Salem: Preventive MN for Bridges		\$0
Maintenance : Preventive Maintenance for Bridges Total					\$0

Roanoke MPO

Maintenance : Traffic and Safety Operations

	System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Miscellaneous	T14720	Salem District-wide	0000		\$0
		STIP-MN Salem: Traffic and Safety Operations			

Maintenance : Traffic and Safety Operations Total \$0

Roanoke MPO Total \$274,212,966

APPENDIX B - Ungrouped Projects

Roanoke MPO Interstate Projects

UPC NO	75910	SCOPE	Relocation			
SYSTEM	Interstate	JURISDICTION	Botetourt County		OVERSIGHT	NFO
PROJECT	Route 11,220,220A Access Management Project at I-81 Exit 150				ADMIN BY	VDOT
DESCRIPTION	FROM: 0.30 MILE SOUTH OF ROUTE 220 TO: 0.74 MILE NORTH OF ROUTE 220 (1.0410 MI)					
ROUTE/STREET	0081				TOTAL COST	\$50,185,950
	FUND SOURCE	MATCH	FY18	FY19	FY20	FY21
PE	Federal - NHS/NHPP	(\$46,858)	(\$187,430)	\$0	\$0	\$0
RW	Federal - NHS/NHPP	(\$27,176)	(\$244,583)	\$0	\$0	\$0
CN	Federal - NHS/NHPP	\$508,537	\$3,092,393	\$0	\$0	\$0
CN AC	Federal - AC	\$584,636	\$2,338,542	\$0	\$0	\$0

UPC NO	16595	SCOPE	Reconstruction w/ Added Capacity			
SYSTEM	Interstate	JURISDICTION	Roanoke		OVERSIGHT	FO
PROJECT	RTE 581 - VALLEY VIEW INTERCHANGE PHASE II				ADMIN BY	VDOT
DESCRIPTION	FROM: 0.300 MI. S. ROUTE 101 (HERSHBERGER ROAD) TO: 1.560 MI. S. ROUTE 101 (HERSHBERGER ROAD) (1.2600 MI)					
ROUTE/STREET	0581				TOTAL COST	\$60,409,490
	FUND SOURCE	MATCH	FY18	FY19	FY20	FY21
PE	Federal - NHS/NHPP	\$0	\$424,013	\$0	\$0	\$0
	Federal - STP/STBG	\$0	\$96,743	\$0	\$0	\$0
PE TOTAL		\$0	\$520,756	\$0	\$0	\$0
RW	Federal - NHS/NHPP	(\$497,323)	(\$4,475,903)	\$0	\$0	\$0
CN	Federal - NHS/NHPP	\$497,323	\$11,493,726	\$0	\$0	\$0
CN AC	Federal - AC	\$2,637,083	\$10,548,333	\$0	\$0	\$0

Roanoke MPO Primary Projects

UPC NO	17698	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
DESCRIPTION	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 SOURCE	MATCH	FY18	FY19	FY20	FY21
PE AC	Federal - AC	\$309,967	\$1,239,868	\$0	\$0	\$0
RW AC	Federal - AC	\$255,118	\$1,020,472	\$0	\$0	\$0
CN AC	Federal - AC	\$1,290,621	\$5,162,484	\$0	\$0	\$0

UPC NO	98220	SCOPE	Preliminary Engineering			
SYSTEM	Primary	JURISDICTION	Roanoke County		OVERSIGHT	NFO
PROJECT	RTE. 115, Plantation Rd Corridor Improvements				ADMIN BY	Locally
DESCRIPTION	FROM: Williamson Road (Route 11) TO: Gander Way / Friendship Ln (0.7200 MI)					
ROUTE/STREET	PLANTATION ROAD (0115)				TOTAL COST	\$1,566,835
	FUND SOURCE	MATCH	FY18	FY19	FY20	FY21
PE	Other	\$327,500	\$327,500	\$0	\$0	\$0
CN	Other	\$64,085	\$64,085	\$0	\$0	\$0
CN AC	Federal - AC	\$0	\$783,665	\$0	\$0	\$0

UPC NO	108905	SCOPE	Reconstruction w/o Added Capacity			
SYSTEM	Primary	JURISDICTION	Roanoke County		OVERSIGHT	NFO
PROJECT	#HB2.FY17 Lila Dr / Rte 115 Intersection Safety Improvements				ADMIN BY	VDOT
DESCRIPTION	FROM: Lila Drive TO: Route 115 (Plantation Road) (0.1000 MI)					
ROUTE/STREET	PLANTATION ROAD (0115)				TOTAL COST	\$1,269,396
	FUND SOURCE	MATCH	FY18	FY19	FY20	FY21
RW	Federal - NHS/NHPP	\$0	\$0	\$85,000	\$0	\$0
CN	Federal - NHS/NHPP	\$0	\$0	\$0	\$993,415	\$0

UPC NO	95812	SCOPE	New Construction Roadway			
SYSTEM	Primary	JURISDICTION	Roanoke County		OVERSIGHT	NFO
PROJECT	ARRA - Roanoke 221 Reconstruct to 4 Lanes (CN Phase only)				ADMIN BY	VDOT
DESCRIPTION	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	MATCH	FY18	FY19	FY20	FY21
		\$0	\$0	\$0	\$0	\$0

UPC NO	96139	SCOPE	New Construction Roadway			
SYSTEM	Primary	JURISDICTION	Roanoke County	OVERSIGHT	NFO	
PROJECT	ARRA-C Roanoke 221 Reconstruct to 4 Lanes (CN Phase Only)			ADMIN BY	VDOT	
DESCRIPTION	FROM: 0.035 km. S. Rte. 688 TO: 1.478 km N. Rte. 688 (1.5120 KM)					
ROUTE/STREET	0221			TOTAL COST	\$105,024	
	FUND SOURCE	MATCH	FY18	FY19	FY20	FY21
CN	Federal - STP/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

UPC NO	108904	SCOPE	Reconstruction w/o Added Capacity			
SYSTEM	Primary	JURISDICTION	Roanoke County	OVERSIGHT	NFO	
PROJECT	#HB2.FY17 Route 311 / Route 419 Int. Safety & Congestion Imp			ADMIN BY	VDOT	
DESCRIPTION	FROM: Intersection of Rte 311 & Rte 419 TO: Intersection of Rte 311 & Rte 419 (0.1000 MI)					
ROUTE/STREET	CATAWBA VALLEY DRIVE (0311)			TOTAL COST	\$1,957,006	
	FUND SOURCE	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 NO	688	SCOPE	Reconstruction w/ Added Capacity			
SYSTEM	Urban	JURISDICTION	Roanoke	OVERSIGHT	NFO	
PROJECT	13TH STREET AND HOLLINS ROAD			ADMIN BY	VDOT	
DESCRIPTION	FROM: JAMISON AVE TO: .08 MILE NORTH INT. ORANGE AVENUE (0.9790 MI)					
ROUTE/STREET	13TH ST/ HOLLINS RD (U000)			TOTAL COST	\$63,266,488	
	FUND SOURCE	MATCH	FY18	FY19	FY20	FY21
PE	Federal - STP/STBG	\$156,966	\$627,862	\$0	\$0	\$0
RW	Federal - STP/STBG	\$80,753	\$323,013	\$0	\$0	\$0

UPC NO	108896	SCOPE	Facilities for Pedestrians and Bicycles			
SYSTEM	Urban	JURISDICTION	Roanoke	OVERSIGHT	NFO	
PROJECT	#HB2.FY17 Colonial Avenue Improvements			ADMIN BY	Locally	
DESCRIPTION	FROM: Winding Way Road SW TO: Overland Road SW (0.5000 MI)					
ROUTE/STREET	COLONIAL AVENUE (8001)			TOTAL COST	\$7,000,000	
	FUND SOURCE	MATCH	FY18	FY19	FY20	FY21
CN	Federal - HSIP	\$0	\$201,166	\$0	\$0	\$0
	Federal - NHS/NHPP	\$0	\$383,116	\$0	\$0	\$0
	Other	\$461,405	\$461,405	\$0	\$0	\$0
CN TOTAL		\$461,405	\$1,045,687	\$0	\$0	\$0
CN AC	Federal - AC	\$0	\$4,892,908	\$0	\$0	\$0

UPC NO	52076	SCOPE	Reconstruction w/o Added Capacity			
SYSTEM	Urban	JURISDICTION	Salem	OVERSIGHT	NFO	
PROJECT	RTE 11 - APPERSON DR - INTERSECTION IMPROVEMENTS - PE ONLY			ADMIN BY	VDOT	
DESCRIPTION	AT ROUTE 419 (ELECTRIC ROAD) (0.3000 MI)					
ROUTE/STREET	APPERSON DRIVE (0011)			TOTAL COST	\$36,569,924	
	FUND SOURCE	MATCH	FY18	FY19	FY20	FY21
PE	Federal - BR	\$392,558	\$1,570,232	\$0	\$0	\$0
PE AC	Federal - AC	\$231,631	\$926,525	\$0	\$0	\$0

APPENDIX C - Resolution Approving Final TIP 2018-2021

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.



Jane W. Johnson
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

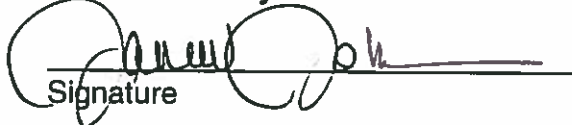


**METROPOLITAN TRANSPORTATION PLANNING PROCESS
 SELF-CERTIFICATION STATEMENT**

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


 Signature

Jane W. Johnson, Chair
 Title

April 27, 2017
 Date

Virginia Department of Transportation


 Signature

District Engineer
 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



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,

A handwritten signature in black ink, appearing to read "C. Openshaw". The signature is fluid and cursive, with the first letter of the first name being a large, stylized capital 'C'.

Cheryl Openshaw, Deputy Director

APPENDIX E – Amendments and Adjustments

Salem District
Interstate Projects

MPO	Roanoke					
UPC NO	110395	SCOPE				
SYSTEM	Interstate	JURISDICTION	Roanoke County	OVERSIGHT	NFO	
PROJECT	#HB2.FY17 I-81 AUX LN FR EXIT 141 -143 GARVEE DEBT SERVICE			ADMIN BY	VDOT	
DESCRIPTION						
PROGRAM NOTE	FFY15 Rollover project - Project added to the FFY18 STIP based on FHWA approval of STIP Amd #FFY17-08 2/07/17. 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 GARVEE Debt Service interest \$10,556,444. Corresponding CN UPC 108906 which has been added to Roanoke MPO CN: Safety/ITS/Operational Improvements grouping.					
ROUTE/STREET	0081			TOTAL COST	\$10,556,444	
	FUND SOURCE	MATCH	FY18	FY19	FY20	FY21
PE	Federal - AC CONVERSION	\$0	\$923,587	\$0	\$0	\$0
MPO Note						

Salem District Interstate Projects

MPO	Roanoke					
UPC NO	111983	SCOPE				
SYSTEM	Interstate	JURISDICTION	Roanoke County	OVERSIGHT	NFO	
PROJECT	#SMART18 - 81 SB Aux Ln frm Exit 143-141 GARVEE Debt Service			ADMIN BY	VDOT	
DESCRIPTION						
PROGRAM NOTE	FFY15 Rollover project - Project added to the FFY18 STIP based on FHWA approval of STIP Amd #FFY17-24 9/21/17. Project is consistent with the metropolitan TIP. Includes \$212,115 GARVEE Debt Service interest for FFY18, \$10,097,154 GARVEE Debt Service interest for FFY19-FFY36. Total GARVEE Debt Service interest \$10,309,269. Corresponding CN UPC 111373 which is included in Roanoke Valley MPO Construction : Safety/ITS/Operational Improvements.					
ROUTE/STREET	0081			TOTAL COST	\$10,309,269	
	FUND SOURCE	MATCH	FY18	FY19	FY20	FY21
PE	Federal - NHS/NHPP	\$0	\$212,115	\$0	\$0	\$0
PE AC	Federal - AC	\$0	\$10,097,154	\$0	\$0	\$0
MPO Note						



Roanoke Valley Transportation
PLANNING ORGANIZATION
Staffed by the
REGIONAL commission

313 Luck Avenue, SW
Roanoke, Virginia 24016
P: 540.343.4417 / 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,

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



The 22nd day of March 2018

RESOLUTION

Approving an Amendment to the Transportation Improvement Program 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.

Ray Ferris
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

	Previous Funding	FY 2018	FY 2019	FY 2020	FY 2021	Total FY 2018-2021
ROANOKE VALLEY AREA METROPOLITAN PLANNING ORGANIZATION						
STIP ID:	GRT0006	Title: Rehab/Renovation of Admin/Maint Building		Recipient: Greater Roanoke Transit Company		
FTA 5339		226				FTA 5339 226
State		45				State 45
Local		11				Local 11
Year Total:	-	282	-	-	-	Total Funds: 282
Description:	Adjustment #4: In total, increase funding by 116K. Increase FTA 5339 funding by \$66K in FY18, increase state by \$13K, and local by \$3K.					
STIP ID:	GRT0007	Title: Shop Equipment		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 #4: Increase FTA 5339 funding by 144K in FY18, increase state by \$29K, and increase local by \$10K. Remove all FTA, state, and local funding in FY19.					
STIP ID:	GRT0008	Title: ADP Software		Recipient: Greater Roanoke Transit Company		
FTA 5339		3				FTA 5339 3
State		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 Hardware		Recipient: Greater Roanoke Transit Company		
FTA 5339			20			FTA 5339 20
State			3			State 3
Local			2			Local 2
Year Total:	-	-	25	-	-	Total Funds: 25
Description:	Amendment #1: This is a new project in the FY18-21 TIP.					
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.					





The 28th day of June 2018

RESOLUTION

Approval of Amendment #2 to the Transportation Improvement Program 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

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

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



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 (CLRMTTP) 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 CLRMTTP 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 CLRMTTP 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 serious injuries, 5-year rolling average	18	4% reduction	16



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



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



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	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

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



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



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



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
ROANOKE VALLEY AREA METROPOLITAN PLANNING ORGANIZATION						
STIP ID:	LFS0001	Title: Paratransit Vehicles		Recipient: Lutheran Family Services of Virginia		
FTA 5310		-	64			FTA 5310 64
State						State -
Local		-	16			Local 16
Year Total:		-	80	-	-	Total Funds: 80
Description:	Amendment: Add new project and funding for FY19 \$80K: (Add FTA 5310 \$64K, local \$16K) in accordance with FY19 Draft SYIP.					
STIP ID:	RAD0001	Title: New Freedom Operating		Recipient: RADAR - UHSTS, Inc. Roanoke County		
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	Total Funds: 751
Description:	Adjustment: Decrease FY19 total funding \$50K (decrease FTA 5310 \$25K, decrease State \$21K, decrease local \$5K, increase revenues \$1K) in accordance with FY19 Draft SYIP.					
STIP ID:	RAD0002	Title: Paratransit Vehicles		Recipient: RADAR - UHSTS, Inc. Roanoke County		
FTA 5310		152	136	120	128	FTA 5310 536
State						State -
Local		38	34	30	32	Local 134
Year Total:		-	190	170	150	Total Funds: 670
Description:	Adjustment: Increase FY19 total funding \$40K (increase FTA 5310 \$32K, increase local \$8K) in accordance with FY19 Draft SYIP.					



The 22nd day of August 2019

RESOLUTION

Approving Amendment #3 to the Transportation Improvement Program 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 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



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,

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



Roanoke Valley Transportation
PLANNING ORGANIZATION
Staffed by the
REGIONAL commission

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

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,

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

TPO POLICY BOARD: Cities of Roanoke and Salem; Counties of Bedford, Botetourt, Montgomery and Roanoke;
Town of Vinton; Greater Roanoke Transit Company (*Valley Metro*); Roanoke-Blacksburg Regional Airport;
Virginia Department of Rail & Public Transportation; Virginia Department of Transportation

Roanoke Valley Transportation Planning Organization



Roanoke Valley Transportation
PLANNING ORGANIZATION
Staffed by the
REGIONALcommission

313 Luck Avenue, SW
Roanoke, Virginia 24016
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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,

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

TPO POLICY BOARD: Cities of Roanoke and Salem; Counties of Bedford, Botetourt, Montgomery and Roanoke;
Town of Vinton; Greater Roanoke Transit Company (*Valley Metro*); Roanoke-Blacksburg Regional Airport;
Virginia Department of Rail & Public Transportation; Virginia Department of Transportation

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 VALLEY AREA METROPOLITAN PLANNING ORGANIZATION						
STIP ID:	GRT0001	Title: Operating Assistance		Recipient: Greater Roanoke Transit Company		
FTA 5307	2,422	2,015	2,015	2,094	2,094	FTA 5307 8,218
FTA 5311	354	354	513	605	605	FTA 5311 2,077
State	2,169	2,169	2,169	2,408	2,408	State 9,154
Local	1,566	1,566	1,566	2,733	2,733	Local 8,598
Revenues	2,314	2,314	2,314	2,245	2,245	Revenues 9,118
Year Total:	8,825	8,418	8,577	10,085	10,085	Total Funds: 37,165
Description:	Adjustment #4: increase FTA 5311 funding in FY19 by \$159K to \$513K. Adjustment #6: In total, increase funding by \$10,170K. Increase FY20 funding by \$7,840K (increase FTA funding by \$2,699K, increase State by \$2,408K, increase Local by \$2,733K) and show \$2,245K in Revenues in FY20. Increase FY21 funding by \$7,840K (increase FTA funding by \$2,699K, increase State by \$2,408K, increase Local by \$2,733K) and show \$2,245K in Revenues in FY21.					
STIP ID:	GRT0002	Title: Preventative Maintenance		Recipient: Greater Roanoke Transit Company		
FTA 5307		672	672	698	698	FTA 5307 2,740
State						State -
Local		167	167	174	174	Local 682
Year Total:	-	839	839	872	872	Total Funds: 3,422
Description:	Adjustment #6: In total, increase funding by \$1,744K. Increase FY20 funding by \$872K (increase FTA funding by \$698K, increase Local by \$174K). Increase FY21 funding by \$872K (increase FTA by \$698K, increase Local by \$174K).					
STIP ID:	GRT0003	Title: Replace/Rehabilitate Buses		Recipient: Greater Roanoke Transit Company		
FTA 5307						FTA 5307 -
FTA 5339		277		288		FTA 5339 565
RSTP		2,949	1,579	1,602	1,564	RSTP 7,694
State		4,381	395	459	391	State 5,626
Local		225		14		Local 239
Year Total:	-	7,832	1,974	2,363	1,955	Total Funds: 14,124
Description:	Adjustment #1: In total, increase funding by \$3,797K. Increase previous funding by \$3,814K (decrease RSTP by 344K, increase state by 3,947K, increase local by \$211K) and move previous funding of \$1452K RSTP, \$3,947K state, and \$211K local to FY18, decrease FY18 by 84K (decrease RSTP by 67K, decrease state by \$17K), increase FY19 by 19K (increase RSTP by 15K, increase state by \$4K), increase FY20 by \$48K (increase RSTP by 38K, increase state by 10K). Modification needed to align actual RSTP funding allocated by VDOT under UPC T18675 and approved SYIP; also, to include state bond funds allocated in previous years. Adjustment #2: in total, increase funding by \$171K. Increase FTA funding by 133K, increase state by \$31K, and local by \$7K.					
STIP ID:	GRT0004	Title: Purchase Bus Shelters		Recipient: Greater Roanoke Transit Company		
FTA 5339						FTA 5339 -
State						State -
Local						Local -
Year Total:	-	-	-	-	-	Total Funds: -
Description:	Adjustment #2: In total, decrease funding by 200K in FY19 and FY20. In FY19, decrease FTA 5339 by 80K, state by 16K and local by 4K. In FY20, decrease FTA 5339 by 80K, state by 16K and local by 4K.					
STIP ID:	GRT0005	Title: Rehab/Renovation of Admin/Maint Building		Recipient: Greater Roanoke Transit Company		
FTA 5339		226				FTA 5339 226
State		45				State 45
Local		11				Local 11
Year Total:	-	282	-	-	-	Total Funds: 282
Description:	Adjustment #2: In total, increase funding by 116K. Increase FTA 5339 funding by \$66K in FY18, increase state by \$13K, and local by \$3K.					



	Previous Funding	FY 2018	FY 2019	FY 2020	FY 2021	Total FY 2018-2021
STIP ID:	GRT0006	Title: Shop Equipment			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: Increase FTA 5339 funding by \$144K in FY18, increase state by \$28K, and increase local by \$10K. Remove all FTA, state, and local funding in FY19.					
STIP ID:	GRT0007	Title: ADP Software			Recipient: Greater Roanoke Transit Company	
FTA 5339		3				FTA 5339 3
State		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:	GRT0008	Title: ADP Hardware			Recipient: Greater Roanoke Transit Company	
FTA 5339			20		20	FTA 5339 40
State			3			State 3
Local			2		5	Local 7
Year Total:	-	-	25	-	25	Total Funds: 50
Description:	Amendment #1: This is a new project in the FY18-21 TIP Adjustment #6: In total, increase funding by \$25K. In FY20, increase FTA funding by \$20K and Local by \$5K.					
STIP ID:	GRT0009	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					

6.2 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 Operating Assistance			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
Description:	Adjustment #3: Decrease FY19 total funding \$50K (decrease FTA 5310 \$25K, decrease state \$21K, decrease local \$5K, increase revenues \$1K) in accordance with FY19 SYIP. Adjustment #5: Decrease FY20 funding \$10K (decrease FTA 5310 \$5K, State \$4K, local \$1K, revenues \$12K) in accordance with FY20 draft SYIP.					
STIP ID:	RAD0002	Title: Paratransit Vehicles			Recipient: RADAR - 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: Increase FY19 total funding \$40K (increase FTA 5310 \$32K, increase local \$8K) in accordance with FY19 SYIP. Adjustment #5: Decrease FY20 funding \$20K (decrease FTA 5310 \$16K, local \$4K) in accordance with FY20 draft SYIP.					



6.2 Lutheran Family Services of Virginia Project Details

	Previous Funding	FY 2018	FY 2019	FY 2020	FY 2021	Total FY 2018-2021	
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
Description:	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.						

6.3 Transit Funding Summaries

Greater Roanoke Transit Company	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	-	-	-	-	-	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	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 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	-	-	-	-	-	FTA TIGER	-
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	-	-	-	-	-	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	-
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





Roanoke Valley Transportation
PLANNING ORGANIZATION
Staffed by the
REGIONAL commission

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rvtpo.org

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

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 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.

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 VALLEY AREA METROPOLITAN PLANNING ORGANIZATION						
STIP ID:	GRT0001	Title: Operating Assistance		Recipient: Greater Roanoke Transit Company		
FTA 5307	2,422	2,015	2,015	2,094	2,094	FTA 5307 8,218
FTA 5311	354	354	513	605	605	FTA 5311 2,077
State	2,169	2,169	2,169	2,408	2,408	State 9,154
Local	1,566	1,566	1,566	2,733	2,733	Local 8,598
Revenues	2,314	2,314	2,314	2,245	2,245	Revenues 9,118
Year Total:	8,825	8,418	8,577	10,085	10,085	Total Funds: 37,165
Description:	Adjustment #4: increase FTA 5311 funding in FY19 by \$159K to \$513K. Adjustment #6: In total, increase funding by \$10,170K. Increase FY20 funding by \$7,840K (increase FTA funding by \$2,699K, increase State by \$2,408K, increase Local by \$2,733K) and show \$2,245K in Revenues in FY20. Increase FY21 funding by \$7,840K (increase FTA funding by \$2,699K, increase State by \$2,408K, increase Local by \$2,733K) and show \$2,245K in Revenues in FY21.					
STIP ID:	GRT0002	Title: Preventative Maintenance		Recipient: Greater Roanoke Transit Company		
FTA 5307		672	672	698	698	FTA 5307 2,740
State						State -
Local		167	167	174	174	Local 682
Year Total:	-	839	839	872	872	Total Funds: 3,422
Description:	Adjustment #6: In total, increase funding by \$1,744K. Increase FY20 funding by \$872K (increase FTA funding by \$698K, increase Local by \$174K). Increase FY21 funding by \$872K (increase FTA by \$698K, increase Local by \$174K).					
STIP ID:	GRT0003	Title: Replace/Rehabilitate Buses		Recipient: Greater Roanoke Transit Company		
FTA 5307						FTA 5307 -
FTA 5339		277		288		FTA 5339 565
RSTP		2,949	1,579	1,602	1,564	RSTP 7,694
State		4,381	395	459	391	State 5,626
Local		225		14		Local 239
Year Total:	-	7,832	1,974	2,363	1,955	Total Funds: 14,124
Description:	Adjustment #1: In total, increase funding by \$3,797K. Increase previous funding by \$3,814K (decrease RSTP by 344K, increase state by 3,947K, increase local by \$211K) and move previous funding of \$1452K RSTP, \$3,947K state, and \$211K local to FY18, decrease FY18 by 84K (decrease RSTP by 67K, decrease state by \$17K), increase FY19 by 19K (increase RSTP by 15K, increase state by \$4K), increase FY20 by \$48K (increase RSTP by 38K, increase state by 10K). Modification needed to align actual RSTP funding allocated by VDOT under UPC T18675 and approved SYIP; also, to include state bond funds allocated in previous years. Adjustment #2: in total, increase funding by \$171K. Increase FTA funding by 133K, increase state by \$31K, and local by \$7K.					
STIP ID:	GRT0004	Title: Purchase Bus Shelters		Recipient: Greater Roanoke Transit Company		
FTA 5339						FTA 5339 -
State						State -
Local						Local -
Year Total:	-	-	-	-	-	Total Funds: -
Description:	Adjustment #2: In total, decrease funding by 200K in FY19 and FY20. In FY19, decrease FTA 5339 by 80K, state by 16K and local by 4K. In FY20, decrease FTA 5339 by 80K, state by 16K and local by 4K.					
STIP ID:	GRT0005	Title: Rehab/Renovation of Admin/Maint Building		Recipient: Greater Roanoke Transit Company		
FTA 5339		226				FTA 5339 226
State		45				State 45
Local		11				Local 11
Year Total:	-	282	-	-	-	Total Funds: 282
Description:	Adjustment #2: In total, increase funding by 116K. Increase FTA 5339 funding by \$66K in FY18, increase state by \$13K, and local by \$3K.					



	Previous Funding	FY 2018	FY 2019	FY 2020	FY 2021	Total FY 2018-2021
STIP ID:	GRT0006	Title: Shop Equipment			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: Increase FTA 5339 funding by \$144K in FY18, increase state by \$28K, and increase local by \$10K. Remove all FTA, state, and local funding in FY19.					
STIP ID:	GRT0007	Title: ADP Software			Recipient: Greater Roanoke Transit Company	
FTA 5339		3				FTA 5339 3
State		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:	GRT0008	Title: ADP Hardware			Recipient: Greater Roanoke Transit Company	
FTA 5339			20		20	FTA 5339 40
State			3			State 3
Local			2		5	Local 7
Year Total:	-	-	25	-	25	Total Funds: 50
Description:	Amendment #1: This is a new project in the FY18-21 TIP Adjustment #6: In total, increase funding by \$25K. In FY20, increase FTA funding by \$20K and Local by \$5K.					
STIP ID:	GRT0009	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					

6.2 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 Operating Assistance			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
Description:	Adjustment #3: Decrease FY19 total funding \$50K (decrease FTA 5310 \$25K, decrease state \$21K, decrease local \$5K, increase revenues \$1K) in accordance with FY19 SYIP. Adjustment #5: Decrease FY20 funding \$10K (decrease FTA 5310 \$5K, State \$4K, local \$1K, revenues \$12K) in accordance with FY20 draft SYIP.					
STIP ID:	RAD0002	Title: Paratransit Vehicles			Recipient: RADAR - 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: Increase FY19 total funding \$40K (increase FTA 5310 \$32K, increase local \$8K) in accordance with FY19 SYIP. Adjustment #5: Decrease FY20 funding \$20K (decrease FTA 5310 \$16K, local \$4K) in accordance with FY20 draft SYIP.					



6.2 Lutheran Family Services of Virginia Project Details

	Previous Funding	FY 2018	FY 2019	FY 2020	FY 2021	Total FY 2018-2021		
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	
Description:	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.							

6.3 Transit Funding Summaries

Greater Roanoke Transit Company	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	-	-	-	-	-	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	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 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	-	-	-	-	-	FTA TIGER	-
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	-	-	-	-	-	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	-
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





Roanoke Valley Transportation
PLANNING ORGANIZATION
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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,

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

TPO POLICY BOARD: Cities of Roanoke and Salem; Counties of Bedford, Botetourt, Montgomery and Roanoke;
Town of Vinton; Greater Roanoke Transit Company (*Valley Metro*); Roanoke-Blacksburg Regional Airport;
Virginia Department of Rail & Public Transportation; Virginia Department of Transportation

Roanoke Valley 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.

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 VALLEY AREA METROPOLITAN PLANNING ORGANIZATION						
STIP ID:	GRT0001	Title: Operating Assistance		Recipient: Greater Roanoke Transit Company		
FTA 5307	2,422	2,015	4,304	-	2,094	FTA 5307 8,413
FTA 5311	354	354	513	605	605	FTA 5311 2,077
State	2,169	2,169	2,169	2,408	2,408	State 9,154
Local	1,566	1,566	1,566	2,733	2,733	Local 8,598
Revenues	2,314	2,314	2,314	2,245	2,245	Revenues 9,118
Year Total:	8,825	8,418	10,866	7,991	10,085	Total Funds: 37,360
Description:	Adjustment #4: increase FTA 5311 funding in FY19 by \$159K to \$513K. Adjustment #6: In total, increase funding by \$10,170K. Increase FY20 funding by \$7,840K (increase FTA funding by \$2,699K, increase State by \$2,408K, increase Local by \$2,733K) and show \$2,245K in Revenues in FY20. Increase FY21 funding by \$7,840K (increase FTA funding by \$2,699K, increase State by \$2,408K, increase Local by \$2,733K) and show \$2,245K in Revenues in FY21. Adjustment #7: Increase FTA 5307 funding in FY19 by \$2,289K to \$4,304K. Decrease FTA 5307 funding in FY20 by \$2,094K to \$0.					
STIP ID:	GRT0002	Title: Preventative Maintenance		Recipient: Greater Roanoke Transit Company		
FTA 5307		672	1,435	-	698	FTA 5307 2,805
State						State -
Local		167	358	-	174	Local 699
Year Total:	-	839	1,793	-	872	Total Funds: 3,504
Description:	Adjustment #7: Increase FTA 5307 funding in FY19 by \$763K to \$1,435K. Increase Local funding \$191K to \$358K. Decrease FTA 5307 funding in FY20 by \$698K to \$0, and decrease Local funding by \$174K to \$0.					
STIP ID:	GRT0003	Title: Replace/Rehabilitate Buses		Recipient: Greater Roanoke Transit Company		
FTA 5307						FTA 5307 -
FTA 5339		277		288		FTA 5339 565
RSTP		2,949	1,579	1,602	1,564	RSTP 7,694
State		4,381	395	459	391	State 5,626
Local		225		14		Local 239
Year Total:	-	7,832	1,974	2,363	1,955	Total Funds: 14,124
Description:	Adjustment #1: In total, increase funding by \$3,797K. Increase previous funding by \$3,814K (decrease RSTP by 344K, increase state by 3,947K, increase local by \$211K) and move previous funding of \$1452K RSTP, \$3,947K state, and \$211K local to FY18, decrease FY18 by 84K (decrease RSTP by 67K, decrease state by \$17K), increase FY19 by 19K (increase RSTP by 15K, increase state by \$4K), increase FY20 by \$48K (increase RSTP by 38K, increase state by 10K). Modification needed to align actual RSTP funding allocated by VDOT under UPC T18675 and approved SYIP; also, to include state bond funds allocated in previous years. Adjustment #2: in total, increase funding by \$171K. Increase FTA funding by 133K, increase state by \$31K, and local by \$7K.					
STIP ID:	GRT0004	Title: Purchase Bus Shelters		Recipient: Greater Roanoke Transit Company		
FTA 5339						FTA 5339 -
State						State -
Local						Local -
Year Total:	-	-	-	-	-	Total Funds: -
Description:	Adjustment #2: In total, decrease funding by 200K in FY19 and FY20. In FY19, decrease FTA 5339 by 80K, state by 16K and local by 4K. In FY20, decrease FTA 5339 by 80K, state by 16K and local by 4K.					
STIP ID:	GRT0005	Title: Rehab/Renovation of Admin/Maint Building		Recipient: Greater Roanoke Transit Company		
FTA 5339		226				FTA 5339 226
State		45				State 45
Local		11				Local 11
Year Total:	-	282	-	-	-	Total Funds: 282
Description:	Adjustment #2: In total, increase funding by 116K. Increase FTA 5339 funding by \$66K in FY18, increase state by \$13K, and local by \$3K.					



	Previous Funding	FY 2018	FY 2019	FY 2020	FY 2021	Total FY 2018-2021	
STIP ID:	GRT0006	Title: Shop Equipment			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: Increase FTA 5339 funding by \$144K in FY18, increase state by \$28K, and increase local by \$10K. Remove all FTA, state, and local funding in FY19.						
STIP ID:	GRT0007	Title: ADP Software			Recipient: Greater Roanoke Transit Company		
FTA 5339		3				FTA 5339 3	
State		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:	GRT0008	Title: ADP Hardware			Recipient: Greater Roanoke Transit Company		
FTA 5339			20		20	FTA 5339 40	
State			3			State 3	
Local			2		5	Local 7	
Year Total:	-	-	25	-	25	Total Funds: 50	
Description:	Amendment #1: This is a new project in the FY18-21 TIP Adjustment #6: In total, increase funding by \$25K. In FY20, Increase FTA funding by \$20K and Local by \$5K.						
STIP ID:	GRT0009	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						

6.2 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 Operating Assistance			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	
Description:	Adjustment #3: Decrease FY19 total funding \$50K (decrease FTA 5310 \$25K, decrease state \$21K, decrease local \$5K, increase revenues \$1K) in accordance with FY19 SYIP. Adjustment #5: Decrease FY20 funding \$10K (decrease FTA 5310 \$5K, State \$4K, local \$1K, revenues \$12K) in accordance with FY20 draft SYIP.						
STIP ID:	RAD0002	Title: Paratransit Vehicles			Recipient: RADAR - 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: Increase FY19 total funding \$40K (increase FTA 5310 \$32K, increase local \$8K) in accordance with FY19 SYIP. Adjustment #5: Decrease FY20 funding \$20K (decrease FTA 5310 \$16K, local \$4K) in accordance with FY20 draft SYIP.						



6.2 Lutheran Family Services of Virginia Project Details

	Previous Funding	FY 2018	FY 2019	FY 2020	FY 2021	Total FY 2018-2021
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
Description:	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.					

6.3 Transit Funding Summaries

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	-	-	-	-	-	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	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	-	-	-	-	-	FTA TIGER	-
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	-	-	-	-	-	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	-
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	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	-
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	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

GROUPING		Construction : Safety/ITS/Operational Improvements				
ROUTE/STREET					TOTAL COST	\$724,320,376
	FUND SOURCE	MATCH	FY18	FY19	FY20	FY21
PE	Federal - AC CONVERSION	\$180,000	\$0	\$250,000	\$370,000	\$1,000,000
	Federal - HSIP	\$21,111	\$190,000	\$0	\$0	\$0
	Federal - NHS/NHPP	(\$1,799)	(\$7,195)	\$0	\$0	\$0
PE TOTAL		\$199,312	\$182,805	\$250,000	\$370,000	\$1,000,000
PE AC	Federal - AC	\$291,111	\$2,620,000	\$0	\$0	\$0
	Federal - AC OTHER	\$0	\$0	\$0	\$47,165,000	\$0
PE AC		\$291,111	\$2,620,000	\$0	\$47,165,000	\$0
RW	Federal - HSIP	\$16,667	\$0	\$150,000	\$0	\$0
	Federal - NHS/NHPP	\$89,178	\$0	\$356,710	\$0	\$0
RW TOTAL		\$105,844	\$0	\$506,710	\$0	\$0
CN	Federal - AC CONVERSION	\$1,030,985	\$0	\$2,106,492	\$0	\$2,378,558
	Federal - HSIP	\$646,889	\$572,000	\$0	\$850,000	\$4,400,000
	Federal - NHFP	\$64,383	\$257,530	\$0	\$0	\$0
	Federal - NHS/NHPP	\$911,492	\$2,495,967	\$0	\$1,150,000	\$0
CN TOTAL		\$2,653,748	\$3,325,497	\$2,106,492	\$2,000,000	\$6,778,558
CN AC	Federal - AC	\$336,506	\$650,000	\$0	\$2,378,558	\$0
	Federal - AC 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) FFY20 PE phase.				

Federal funds include the use of soft match supported by approved toll credits unless otherwise indicated and/or matching funds are shown in the "Match" column. Non-federal fund sources are as noted in the "Program Note" and shown in t

The 23rd day of January 2020

RESOLUTION

Approving Amendment #4 to the Transportation Improvement Program 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.



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



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.

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.

###

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.

Table 1: TAM Performance Measures by Asset Category

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 percentage

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 [Federal Fiscal Year 2018 Group Transit Asset Management Plan 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.

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

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





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,

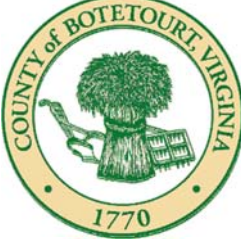
Bryan W. Hill, AICP, CZA
Regional Planner III

FY18-21 TIP, Adjustment #11

STIP ID:	GRT0003	Title: Replace/Rehabilitate 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
Description:	<p>Adjustment #1: In total, increase funding by \$3,797K. Increase previous funding by \$3,814K (decrease RSTP by 344K, increase state by 3,947K, increase local by \$211K) and move previous funding of \$1452K RSTP, \$3,947K state, and \$211K local to FY18, decrease FY18 by 84K (decrease RSTP by 67K, decrease state by \$17K), increase FY19 by 19K (increase RSTP by 15K, increase state by \$4K), increase FY20 by \$48K (increase RSTP by 38K, increase state by 10K). Modification needed to align actual RSTP funding allocated by VDOT under UPC T18675 and approved SYIP; also, to include state bond funds allocated in previous years.</p> <p>Adjustment #2: in total, increase funding by \$171K. Increase FTA funding by \$133K, increase state by \$31K, and local by \$7K.</p> <p>Adjustment #11: in total, increase funding to \$4,337K in FY20 by moving \$1,579K in RSTP from FY19 to FY20 and moving \$395K in State from FY19 to FY20.</p>						

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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<u>DOCUMENT DESCRIPTION</u>	

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 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.

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

STIP Grouping Detail

Roanoke MPO Study Area

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

Funding Source/Amount

Locality	UPC / Description	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
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Bedford County

T9912906 - Construction : Safety/ITS/Operational Improvements

Bedford County

107053 Rt. 24 Bedford County - Safety Improvements - 0.152 Miles West of Route 886; 0.156 Miles West of Route 635 South (Spradlin Road) (2.3400 MI)

0024	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Obligated:	\$0	\$1,512,927	\$0	\$0	\$0	\$0	\$0	\$0	\$1,512,927

Remaining: *

Bedford County

107063 Rt. 221 Bedford Co. - Bike & Ped Safety Improvements - 0.09 miles North of Route 1049; 0.06 miles South of Route 621 ()

0221	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Obligated:	\$0	\$100,000	\$0	\$0	\$0	\$0	\$0	\$0	\$100,000

Remaining: *

Bedford County

18728 RTE 619 - RECONSTRUCT INTERSECTION - ROUTE 24 - STEWARTSVILLE RD; INTERSECTION OF RTE 791 - WILDCAT RD (0.0700 MI)

0619	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
InCO	Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Remaining: *

T9912907 - Construction : Bridge Rehabilitation/Replacement/Reconstruction

Bedford County

62650 RTE 634 - HARDY FORD BRDG REPLACEMENT (SMITH MOUNTAIN LAKE) - AT FRANKLIN/BEDFORD COUNTY LINE; (GOES WITH IDS 58885 & 58890) (0.3100 MI)

0634	TIP:	\$0	\$0	\$0	\$0	\$0	\$4,128,230	\$0	\$0	\$4,128,230
	Obligated:	\$0	\$3,923,278	\$0	\$0	\$0	\$2	\$0	\$0	\$3,923,280

Remaining: \$204,950

BEDFORD COUNTY SUBTOTALS

TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$4,128,230	\$0	\$0	\$4,128,230
Obligated:	\$0	\$5,536,205	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,536,205
Released:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Remaining: \$204,950

Funding Source/Amount											
Locality	UPC / Description	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL	
Botetourt County											
T9912901 - Construction : Transportation Enhancement/Byway/Non-Traditional											
Botetourt County											
	107521	DALEVILLE GREENWAY - TAP - ()									
	7521	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
		Obligated:	\$92,870	\$0	\$0	\$0	\$0	\$0	\$0	\$92,870	
										Remaining:	*
T9912906 - Construction : Safety/ITS/Operational Improvements											
Botetourt County											
	104048	FY13-14 VMS Installation: Interstate 81 - NB at MM 147.5; SB at MM 172.0 ()									
	0081	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	InCO	Obligated:	\$14,822	\$0	\$0	\$0	\$0	\$0	\$0	\$14,822	
										Remaining:	*
Botetourt County											
	104048	FY13-14 VMS Installation: Interstate 81 - NB at MM 147.5; SB at MM 172.0 ()									
	0081	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	InCO	Obligated:	\$14,822	\$0	\$0	\$0	\$0	\$0	\$0	\$14,822	
										Remaining:	*
Botetourt County											
	106737	#SGR FY17 SGR I-81 NB Bote. Co. Concrete Undersealing - MM 149.5 / S. END RAILROAD OVERPASS; SOUTH END OF RTE. 779 OVERPASS (2.1000 MI)									
	6737	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
		Obligated:	\$1,213,309	\$0	\$0	\$0	\$0	\$0	\$0	\$1,213,309	
										Remaining:	*
T9912907 - Construction : Bridge Rehabilitation/Replacement/Reconstruction											
Botetourt County											
	77300	RTE 11 - REPLACE STRUCTURE OVER TINKER CREEK (STR#1012) - 0.15 MILE EAST ROUTE 1039 (0.1100 MI)									
	0011	TIP:	\$1,835,199	\$1,467,211	\$0	\$0	\$31,899	\$0	\$0	\$3,334,309	
		Obligated:	\$1,795,160	\$1,254,825	\$0	\$0	\$27,539	\$0	\$0	\$3,077,524	
										Remaining:	\$256,785
Botetourt County											
	77302	RTE 11 - REPLACE STRUCTURE OVER TINKER CREEK (STR# 1013) - 0.38 MILE EAST ROUTE 822 (0.0900 MI)									
	0011	TIP:	\$2,550,853	\$215,959	\$0	\$0	\$0	\$0	\$0	\$2,766,812	
		Obligated:	\$1,709,538	\$38,872	\$0	\$0	\$684,815	\$0	\$0	\$2,433,224	
										Remaining:	\$333,588
Botetourt County											
	103931	ARRA Salem District Culvert Replacements - Botetourt Co. - 0.03 Mi. East of Rte. 1532; 0.03 Mi. West of Rte. 1534 (0.0500 MI)									
	1533	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	InCO	Obligated:	\$0	\$39,836	\$0	\$0	\$0	\$0	\$0	\$39,836	
										Remaining:	*
BOTETOURT COUNTY SUBTOTALS											
		TIP:	\$4,386,052	\$1,683,170	\$0	\$0	\$31,899	\$0	\$0	\$6,101,121	
		Obligated:	\$4,840,521	\$1,333,533	\$0	\$0	\$712,354	\$0	\$0	\$6,886,408	
		Released:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
										Remaining:	\$590,373

Funding Source/Amount											
Locality	UPC / Description	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL	
Roanoke											
T9912901 - Construction : Transportation Enhancement/Byway/Non-Traditional											
Roanoke											
	78217	REHABILITATION OF VIRGINIAN RAILWAY STATION - (0.0000 MI)									
	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	(\$121,955)	
										Remaining:	*
Roanoke											
	105015	Downtown Roanoke Multimodal Transportation Study - Roanoke; Roanoke ()									
	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	(\$15,094)	
										Remaining:	*
Roanoke											
	110101	Tinker Creek Trail Extension - Wise Avenue; Masons Mill Park ()									
	9999	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
		Obligated:	\$0	\$0	\$0	\$0	\$800,000	\$0	\$0	\$800,000	
										Remaining:	*
Roanoke											
	103592	Virginian Railway Station Restoration Phase 2 - Virginian Railway Station; Virginian Railway Station (0.0000 MI)									
	0500	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	InCO	Obligated:	\$131,955	\$0	\$0	\$0	\$0	\$0	\$0	\$131,955	
										Remaining:	*
Roanoke											
	106265	GARDEN CITY BLVD BIKE/PED - TRANSPORTATION ALTERNATIVES - Davenport Ave/Ivywood St; Riverland Rd ()									
	6265	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
		Obligated:	\$391,200	\$0	\$0	\$0	\$160,000	\$0	\$0	\$551,200	
										Remaining:	*
Roanoke											
	106266	ADA BUS FACILITIES - TRANSPORTATION ALTERNATIVES - Barnett Rd (Western City Limits); Salem Tpke (2.8000 MI)									
	6266	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	InCO	Obligated:	\$19,254	\$0	\$0	\$0	\$0	\$0	\$0	\$19,254	
		Released:	\$0	(\$19,254)	\$0	\$0	\$0	\$0	\$0	(\$19,254)	
										Remaining:	*
Roanoke											
	103345	RR Grnwy-Bike/Ped b/t Vic Thomas/Ghent Hill Parks - Vic Thomas Park; Ghent Hill Park (0.2500 MI)									
	0003	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	InCO	Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
		Released:	\$0	(\$48,000)	\$0	\$0	\$0	\$0	\$0	(\$48,000)	
										Remaining:	*
Roanoke											
	105439	RRG (Aerial Way Dr to Roanoke Ave, SW extended) - RSTP - Aerial Way Dr; Roanoke Ave SW extended (0.5400 MI)									
	0000	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
		Obligated:	\$438,952	\$75,449	\$0	\$0	\$3,011,040	\$0	\$0	\$3,525,441	
										Remaining:	*

Funding Source/Amount

Locality	UPC / Description	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
T9912906 - Construction : Safety/ITS/Operational Improvements										
Roanoke										
	109558	Flashing Yellow Arrow Upgrade - Williamson Rd & Airport Rd - Williamson Road; Airport Road ()								
	0011	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		Obligated:	\$0	\$20,251	\$0	\$0	\$0	\$0	\$0	\$20,251
Remaining:										*
Roanoke										
	109562	Flashing Yellow Arrow Upgrade - Valley View - Valley View Blvd. NW; Valley View Ave. NW ()								
	0019	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		Obligated:	\$0	\$21,561	\$0	\$0	\$0	\$0	\$0	\$21,561
Remaining:										*
Roanoke										
	109567	Flashing Yellow Arrow Upgrade - Jefferson St. & Elm Ave. - Elm Avenue; Jefferson Street ()								
	0024	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		Obligated:	\$0	\$9,749	\$0	\$0	\$0	\$0	\$0	\$9,749
Remaining:										*
Roanoke										
	100659	RTE 460 - Upgrade Traffic Signal at 13th Street - Route 460; 13th Street (0.0500 MI)								
	0460	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	InCO	Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		Released:	\$0	(\$46,058)	\$0	\$0	\$0	\$0	\$0	(\$46,058)
Remaining:										*
Roanoke										
	109566	Orange Avenue/ Blue Hills Signal Upgrade - City of Roanoke - Orange Avenue; Blue Hills ()								
	0460	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		Obligated:	\$0	\$9,749	\$0	\$0	\$0	\$0	\$0	\$9,749
Remaining:										*
Roanoke										
	111360	Franklin Road Sidewalk Improvements- Rt. 220 B- Roanoke City - 3100 Block; 3700 Block ()								
	0220	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		Obligated:	\$0	\$111,631	\$0	\$0	\$0	\$0	\$0	\$111,631
Remaining:										*
Roanoke										
	80558	RTE. U000 - CORRIDOR IMPROVEMENTS ON HERSHBERGER ROAD - Cove Road; Rutgers St. (0.0000 MI)								
	0558	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	InCO	Obligated:	\$0	\$23,760	\$0	\$0	\$0	\$0	\$0	\$23,760
Remaining:										*

Funding Source/Amount										
Locality	UPC / Description	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
Roanoke										
	111370 #SMART18 - Hollins Rd & Orange Ave Intersection Improvements - Orange Ave; Hollins Rd (0.2000 MI)									
	0460 TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Obligated:	\$305,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$305,000
										Remaining: *
Roanoke										
	109569 Flashing Yellow Arrow Upgrade - Brandon Ave. & Colonial Ave. - Brandon Avenue; Colonial Avenue ()									
	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										
	105019 Downtown Roanoke Signal Coordination - Roanoke; Roanoke ()									
	0000 TIP:	\$0	\$0	\$0	\$0	\$240,000	\$0	\$0	\$0	\$240,000
	Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
										Remaining: \$240,000
ROANOKE SUBTOTALS										
	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:	\$0	(\$235,268)	\$0	\$0	(\$15,094)	\$0	\$0	\$0	(\$250,362)
										Remaining: \$240,000

Funding Source/Amount										
Locality	UPC / Description	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
Roanoke County										
T9912901 - Construction : Transportation Enhancement/Byway/Non-Traditional										
Roanoke County										
	103495	Low Water Bridge for HRB Trail near Int. Rtes. 419 and 311 - ()								
	3495	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	InCO	Obligated:	\$7,786	\$0	\$0	\$0	\$0	\$0	\$0	\$7,786
Remaining:										*
Roanoke County										
	97171	Roanoke Co, Roanoke River Grnway, Green Hill Pk to Mill Ln - Green Hill Park; Riverside Park (1.7300 MI)								
	7171	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		Obligated:	\$0	\$0	\$0	\$216,800	\$0	\$0	\$0	\$216,800
Remaining:										*
Roanoke County										
	103607	Roanoke Co., Plantation Road Streetscape Improvements - Interstate 81; Williamson Road (Route 11) (0.7200 MI)								
	3607	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		Obligated:	\$41,558	\$0	\$0	\$320,000	\$0	\$0	\$0	\$361,558
		Released:	\$0	(\$220,000)	\$0	\$0	\$0	\$0	\$0	(\$220,000)
Remaining:										*
T9912903 - Maintenance : Preventive Maintenance and System Preservation										
Roanoke County										
	105028	F-15 Plant Mix - Roanoke County - Primaries PM2K-080-F15 - various; various (4.0600 MI)								
	5028	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	InCO	Obligated:	\$0	\$867,000	\$0	\$0	\$0	\$0	\$0	\$867,000
Remaining:										*
T9912906 - Construction : Safety/ITS/Operational Improvements										
Roanoke County										
	99542	RTE. 81 - EXIT 140 Park 'N Ride Facility Expansion - Exit 140; off Rte. 1150 Edgebrook Rd. (0.1700 MI)								
	0081	TIP:	\$0	\$0	\$0	\$1,157,936	\$0	\$0	\$0	\$1,157,936
		Obligated:	\$0	\$270,000	\$0	\$1,565,551	\$0	\$0	\$0	\$1,835,551
Remaining:										*
Roanoke County										
	107054	Route 311 - Roanoke County - Pedestrian Safety Improvements - NCL Salem; 0.02 Mile North of I-81 SB Ramp (0.0900 MI)								
	0311	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		Obligated:	\$0	\$574,248	\$0	\$0	\$0	\$0	\$0	\$574,248
Remaining:										*
Roanoke County										
	111407	#SMART18 - Rte 419 & Rte 221 Adaptive Traffic Control - Rte 221; Rte 419 ()								
	0419	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		Obligated:	\$27,500	\$0	\$0	\$0	\$0	\$0	\$0	\$27,500
Remaining:										*
Roanoke County										
	15190	RTE 688 - RECONSTRUCTION - 0.056 MILE SOUTH ROUTE 221; 0.105 MILE SOUTH ROUTE 934 (0.6566 MI)								
	0688	TIP:	\$0	\$252,787	\$0	\$0	\$0	\$0	\$0	\$252,787
	InCO	Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Remaining:										\$252,787

Funding Source/Amount

Locality	UPC / Description	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
T9912907 - Construction : Bridge Rehabilitation/Replacement/Reconstruction										
Roanoke County										
	77305 RTE 116 - BRIDGE REPLACEMENT OVER BACK CREEK - 0.10 MILE NORTH ROUTE 939 (0.3100 MI)									
	0116 TIP:	\$0	\$0	\$0	\$0	\$0	\$2,738,652	\$0	\$0	\$2,738,652
	Obligated:	\$0	\$2,323,790	\$0	\$0	\$0	\$0	\$0	\$0	\$2,323,790
Remaining:										\$414,862
Roanoke County										
	82193 ROUTE 220 - BRIDGE OVER BACK CREEK - STRUCTURE #1039 - 4.45 MI ROUTE 419; 3.68 MI FRANKLIN COUNTY LINE (0.5310 MI)									
	0220 TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Obligated:	\$7,323,326	\$1,820,766	\$0	\$0	\$0	\$0	\$0	\$0	\$9,144,092
Remaining:										*
ROANOKE COUNTY SUBTOTALS										
	TIP:	\$0	\$252,787	\$0	\$0	\$1,157,936	\$2,738,652	\$0	\$0	\$4,149,375
	Obligated:	\$7,400,170	\$5,855,804	\$0	\$0	\$2,102,351	\$0	\$0	\$0	\$15,358,325
	Released:	\$0	(\$220,000)	\$0	\$0	\$0	\$0	\$0	\$0	(\$220,000)
Remaining:										\$667,649

Funding Source/Amount

Locality	UPC / Description	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
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Salem

T9912901 - Construction : Transportation Enhancement/Byway/Non-Traditional

Salem											
	109612	DOWNTOWN STREETSCAPE AND INTERSECTION IMPROVEMENTS - West side of Broad St; East side of White Oak Alley (0.1000 MI)									
	9612	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
		Obligated:	\$40,800	\$0	\$0	\$0	\$0	\$0	\$0	\$40,800	
										Remaining:	*

Salem											
	106486	Eddy Ave Bike/Ped Bridge - David Smith Trail; Phase 3A Roanoke River Greenway (0.0400 MI)									
	0000	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
		Obligated:	\$0	\$60,525	\$0	\$0	\$1,031,291	\$0	\$0	\$1,091,816	
										Remaining:	*

T9912906 - Construction : Safety/ITS/Operational Improvements

Salem											
	8753	RTE 460 - WIDEN TO 3 LANES WITH CURB & SIDEWALK - ROUTE 311 - THOMPSON MEMORIAL BLVD; 0.05 MILE EAST INTERSECTION KESSLER MILL ROAD									
	0460	TIP:	\$0	\$193,244	\$0	\$0	\$0	\$0	\$0	\$193,244	
	InCO	Obligated:	\$1,456,492	\$0	\$0	\$0	\$0	\$0	\$0	\$1,456,492	
										Remaining:	*

T9912907 - Construction : Bridge Rehabilitation/Replacement/Reconstruction

Salem											
	110574	#SGR - Apperson Drive Bridge Replacement - East Riverside Drive; Route 419 - Electric Road (0.0900 MI)									
		Obligated:	\$0	\$280,000	\$0	\$0	\$0	\$0	\$0	\$280,000	
										Remaining:	*

SALEM SUBTOTALS

	TIP:	\$0	\$193,244	\$0	\$0	\$0	\$0	\$0	\$0	\$193,244	
	Obligated:	\$1,497,292	\$340,525	\$0	\$0	\$1,031,291	\$0	\$0	\$0	\$2,869,108	
	Released:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
										Remaining:	\$0

Funding Source/Amount

Locality	UPC / Description	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
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Salem District-wide

T9912903 - Maintenance : Preventive Maintenance and System Preservation

Salem District-wide

105049 F15 District Wide Interstate Latex Schedule LM2A-962-F15 - County MP 3.77; County MP 6.62 (2.8700 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

Remaining: *

Salem District-wide

G722 STIP-MN Salem: Preventive MN and System Preservation - (T14722)

0000	TIP:	\$0	\$8,525,000	\$0	\$0	\$0	\$0	\$0	\$0	\$8,525,000
	Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Remaining: \$8,525,000

T9912904 - Maintenance : Preventive Maintenance for Bridges

Salem District-wide

G721 STIP-MN Salem: Preventive MN for Bridges - (T14721)

0000	TIP:	\$0	\$11,426,000	\$0	\$0	\$0	\$711,000	\$0	\$0	\$12,137,000
	Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Remaining: \$12,137,000

T9912905 - Maintenance : Traffic and Safety Operations

Salem District-wide

103810 FY14 Pavement Marking Task #962-2: Interstate 81 & 77 - Interstate 81 (MM 87.4 - 174.3); Interstate 77 (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 District-wide

G720 STIP-MN Salem: Traffic and Safety Operations - (T14720)

0000	TIP:	\$0	\$1,000,000	\$0	\$0	\$0	\$0	\$0	\$0	\$1,000,000
	Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Remaining: \$1,000,000

Funding Source/Amount

Locality	UPC / Description	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
T9912906 - Construction : Safety/ITS/Operational Improvements										
Salem District-wide										
	103828 I81 Pavement Rehabilitation - VARIOUS; VARIOUS (6.6600 MI)									
	0081 TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	InCO Obligated:	\$134,078	\$0	\$31,116	\$0	\$0	\$0	\$0	\$0	\$165,194
									Remaining: *	
Salem District-wide										
	107099 Districtwide Buckle-Up Signing Safety Improvement - Salem - 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:	\$0	(\$289,392)	\$0	\$0	\$0	\$0	\$0	\$0	(\$289,392)
									Remaining: *	
Salem District-wide										
	109556 Safety Prescoping - Salem - ()									
	9999 TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Obligated:	\$0	\$400,000	\$0	\$0	\$0	\$0	\$0	\$0	\$400,000
									Remaining: *	
Salem District-wide										
	108695 ADA COMPLIANCE SALEM DISTRICT - VARIOUS; VARIOUS ()									
	9999 TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Obligated:	\$0	\$199,475	\$0	\$0	\$0	\$0	\$0	\$0	\$199,475
									Remaining: *	
Salem District-wide										
	104672 VARI. RTES. - Install Flashing Yellow Arrows Districtwide - various routes districtwide; various routes districtwide ()									
	4672 TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	InCO Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Released:	\$0	(\$4,985)	\$0	\$0	\$0	\$0	\$0	\$0	(\$4,985)
									Remaining: *	
SALEM DISTRICT-WIDE SUBTOTALS										
	TIP:	\$0	\$20,951,000	\$0	\$0	\$0	\$711,000	\$0	\$0	\$21,662,000
	Obligated:	\$506,078	\$310,083	\$31,116	\$0	\$0	\$0	\$0	\$0	\$847,277
	Released:	\$0	(\$294,377)	\$0	\$0	\$0	\$0	\$0	\$0	(\$294,377)
									Remaining: \$21,662,000	

Funding Source/Amount

Locality	UPC / Description	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
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Vinton

T9912901 - Construction : Transportation Enhancement/Byway/Non-Traditional

Vinton

105017 Glade/Tinker Creek Greenway Bridge - Vinton; Vinton ()

5017	TIP:	\$0	\$0	\$0	\$0	\$1,360,000	\$0	\$0	\$0	\$1,360,000
	Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Remaining: \$1,360,000

T9912906 - Construction : Safety/ITS/Operational Improvements

Vinton

105213 Rte.U000 - Walnut Ave Ph. I - SW, Stripe, Xwalks & Landscape - 5th St.; W. Lee Ave. ()

5213	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Obligated:	\$0	\$0	\$0	\$0	\$2,400	\$0	\$0	\$0	\$2,400

Remaining: *

Vinton

93160 Rte. U000 - Walnut Ave. Int. Improvement at 8th St. - at 8th; Street (MI)

0000	TIP:	\$0	\$0	\$0	\$0	\$417,600	\$0	\$0	\$0	\$417,600
	Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Remaining: \$417,600

VINTON SUBTOTALS

TIP:	\$0	\$0	\$0	\$0	\$0	\$1,777,600	\$0	\$0	\$0	\$1,777,600
Obligated:	\$0	\$0	\$0	\$0	\$0	\$2,400	\$0	\$0	\$0	\$2,400
Released:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Remaining: \$0

MPO SUBTOTAL

TIP:	\$4,386,052	\$23,080,201	\$0	\$0	\$3,175,536	\$7,609,781	\$0	\$0	\$0	\$38,251,570
Obligated:	\$15,515,600	\$13,959,383	\$31,116	\$0	\$7,107,082	\$712,355	\$0	\$0	\$0	\$37,325,536
Released:	\$0	(\$749,645)	\$0	\$0	(\$15,094)	\$0	\$0	\$0	\$0	(\$764,739)

Remaining: \$926,035

LIST OF FEDERAL FUNDS OBLIGATED BY TRANSIT AGENCY

FFY2017

ROANOKE AREA MPO	FEDERAL FUNDS OBLIGATED	YEAR	CMAQ	RSTP	Flexible 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

Funding Source/Amount

Locality	UPC / Description	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
T9912901 - Construction : Transportation Enhancement/Byway/Non-Traditional										

Roanoke

78217 REHABILITATION OF VIRGINIAN RAILWAY STATION - (0.0000 MI)

8217	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
InCO	Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Released:	\$0	(\$121,955)	\$0	\$0	\$0	\$0	\$0	\$0	(\$121,955)

Remaining: *

Roanoke

105015 Downtown Roanoke Multimodal Transportation Study - Roanoke; Roanoke ()

5015	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	(\$15,094)	\$0	\$0	\$0	(\$15,094)

Remaining: *

Roanoke

110101 Tinker Creek Trail Extension - Wise Avenue; Masons Mill Park ()

9999	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Obligated:	\$0	\$0	\$0	\$0	\$800,000	\$0	\$0	\$0	\$800,000

Remaining: *

Vinton

105017 Glade/Tinker Creek Greenway Bridge - Vinton; Vinton ()

5017	TIP:	\$0	\$0	\$0	\$0	\$1,360,000	\$0	\$0	\$0	\$1,360,000
	Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Remaining: \$1,360,000

Botetourt County

107521 DALEVILLE GREENWAY - TAP - ()

7521	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Obligated:	\$92,870	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$92,870

Remaining: *

Roanoke MPO Study Area
Federal Obligated Funds: 10/01/2016 - 09/30/2017

Funding Source/Amount										
Locality	UPC / Description	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
Roanoke										
	103592	Virginian Railway Station Restoration Phase 2 - Virginian Railway Station; Virginian Railway Station (0.0000 MI)								
	0500	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	InCO	Obligated:	\$131,955	\$0	\$0	\$0	\$0	\$0	\$0	\$131,955
Remaining:										*
Roanoke										
	106265	GARDEN CITY BLVD BIKE/PED - TRANSPORTATION ALTERNATIVES - Davenport Ave/Ivywood St; Riverland Rd ()								
	6265	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		Obligated:	\$391,200	\$0	\$0	\$0	\$160,000	\$0	\$0	\$551,200
Remaining:										*
Roanoke										
	106266	ADA BUS FACILITIES - TRANSPORTATION ALTERNATIVES - Barnett Rd (Western City Limits); Salem Tpke (2.8000 MI)								
	6266	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	InCO	Obligated:	\$19,254	\$0	\$0	\$0	\$0	\$0	\$0	\$19,254
		Released:	\$0	(\$19,254)	\$0	\$0	\$0	\$0	\$0	(\$19,254)
Remaining:										*
Roanoke										
	103345	RR Grnwy-Bike/Ped b/t Vic Thomas/Ghent Hill Parks - Vic Thomas Park; Ghent Hill Park (0.2500 MI)								
	0003	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	InCO	Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		Released:	\$0	(\$48,000)	\$0	\$0	\$0	\$0	\$0	(\$48,000)
Remaining:										*
Roanoke										
	105439	RRG (Aerial Way Dr to Roanoke Ave, SW extended) - RSTP - Aerial Way Dr; Roanoke Ave SW extended (0.5400 MI)								
	0000	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		Obligated:	\$438,952	\$75,449	\$0	\$0	\$3,011,040	\$0	\$0	\$3,525,441
Remaining:										*
Roanoke County										
	103495	Low Water Bridge for HRB Trail near Int. Rtes. 419 and 311 - ()								
	3495	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	InCO	Obligated:	\$7,786	\$0	\$0	\$0	\$0	\$0	\$0	\$7,786
Remaining:										*

Roanoke MPO Study Area
Federal Obligated Funds: 10/01/2016 - 09/30/2017

Funding Source/Amount										
Locality	UPC / Description	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
Roanoke County										
97171	Roanoke Co, Roanoke River Grnway, Green Hilll Pk to Mill Ln - Green Hill Park; Riverside Park (1.7300 MI)									
7171	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Obligated:	\$0	\$0	\$0	\$0	\$216,800	\$0	\$0	\$0	\$216,800
Remaining:										*
Roanoke County										
103607	Roanoke Co., Plantation Road Streetscape Improvements - Interstate 81; Williamson Road (Route 11) (0.7200 MI)									
3607	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Obligated:	\$41,558	\$0	\$0	\$0	\$320,000	\$0	\$0	\$0	\$361,558
	Released:	\$0	(\$220,000)	\$0	\$0	\$0	\$0	\$0	\$0	(\$220,000)
Remaining:										*
Salem										
109612	DOWNTOWN STREETScape AND INTERSECTION IMPROVEMENTS - West side of Broad St; East side of White Oak Alley (0.1000 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 - David Smith Trail; Phase 3A Roanoke River Greenway (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:										*
T9912901 - CONSTRUCTION : TRANSPORTATION ENHANCEMENT/BYWAY/NON-TRADITIONAL SUBTOTAL										
	TIP:	\$0	\$0	\$0	\$0	\$1,360,000	\$0	\$0	\$0	\$1,360,000
	Obligated:	\$1,164,375	\$135,974	\$0	\$0	\$5,539,131	\$0	\$0	\$0	\$6,839,480
	Released:	\$0	(\$409,209)	\$0	\$0	(\$15,094)	\$0	\$0	\$0	(\$424,303)
Remaining:										*

Roanoke MPO Study Area
Federal Obligated Funds: 10/01/2016 - 09/30/2017

Funding Source/Amount										
Locality	UPC / Description	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
T9912903 - Maintenance : Preventive Maintenance and System Preservation										
Salem District-wide										
105049	F15 District Wide Interstate Latex Schedule LM2A-962-F15 - County MP 3.77; County MP 6.62 (2.8700 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
Remaining:										*
Roanoke County										
105028	F-15 Plant Mix - Roanoke County - Primaries PM2K-080-F15 - various; various (4.0600 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 District-wide										
G722	STIP-MN Salem: Preventive MN and System Preservation - (T14722)									
0000	TIP:	\$0	\$8,525,000	\$0	\$0	\$0	\$0	\$0	\$0	\$8,525,000
	Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Remaining:										\$8,525,000
T9912903 - MAINTENANCE : PREVENTIVE MAINTENANCE AND SYSTEM PRESERVATION SUBTOTAL										
	TIP:	\$0	\$8,525,000	\$0	\$0	\$0	\$0	\$0	\$0	\$8,525,000
	Obligated:	\$329,000	\$867,000	\$0	\$0	\$0	\$0	\$0	\$0	\$1,196,000
	Released:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Remaining:										\$7,329,000

Roanoke MPO Study Area
Federal Obligated Funds: 10/01/2016 - 09/30/2017

Funding Source/Amount											
Locality	UPC / Description	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL	
T9912904 - Maintenance : Preventive Maintenance for Bridges											
Salem District-wide											
	G721	STIP-MN Salem: Preventive MN for Bridges - (T14721)									
	0000	TIP:	\$0	\$11,426,000	\$0	\$0	\$0	\$711,000	\$0	\$0	\$12,137,000
		Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Remaining:										\$12,137,000	
T9912904 - MAINTENANCE : PREVENTIVE MAINTENANCE FOR BRIDGES SUBTOTAL											
		TIP:	\$0	\$11,426,000	\$0	\$0	\$0	\$711,000	\$0	\$0	\$12,137,000
		Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		Released:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Remaining:										\$12,137,000	

Roanoke MPO Study Area
Federal Obligated Funds: 10/01/2016 - 09/30/2017

Funding Source/Amount										
Locality	UPC / Description	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
T9912905 - Maintenance : Traffic and Safety Operations										
Salem District-wide										
	103810	FY14 Pavement Marking Task #962-2: Interstate 81 & 77 - Interstate 81 (MM 87.4 - 174.3); Interstate 77 (MM 0 - 24.3) ()								
	0081	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	InCO	Obligated:	\$43,000	\$0	\$0	\$0	\$0	\$0	\$0	\$43,000
Remaining:										*
Salem District-wide										
	G720	STIP-MN Salem: Traffic and Safety Operations - (T14720)								
	0000	TIP:	\$0	\$1,000,000	\$0	\$0	\$0	\$0	\$0	\$1,000,000
		Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Remaining:										\$1,000,000
T9912905 - MAINTENANCE : TRAFFIC AND SAFETY OPERATIONS SUBTOTAL										
		TIP:	\$0	\$1,000,000	\$0	\$0	\$0	\$0	\$0	\$1,000,000
		Obligated:	\$43,000	\$0	\$0	\$0	\$0	\$0	\$0	\$43,000
		Released:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Remaining:										\$957,000

Roanoke MPO Study Area
Federal Obligated Funds: 10/01/2016 - 09/30/2017

		Funding Source/Amount								
Locality	UPC / Description	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
T9912906 - Construction : Safety/ITS/Operational Improvements										
Botetourt County										
104048	FY13-14 VMS Installation: Interstate 81 - NB at MM 147.5; SB at MM 172.0 ()									
0081	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
InCO	Obligated:	\$14,822	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$14,822
Remaining:										*
Roanoke County										
99542	RTE. 81 - EXIT 140 Park 'N Ride Facility Expansion - Exit 140; off Rte. 1150 Edgebrook Rd. (0.1700 MI)									
0081	TIP:	\$0	\$0	\$0	\$0	\$1,157,936	\$0	\$0	\$0	\$1,157,936
	Obligated:	\$0	\$270,000	\$0	\$0	\$1,565,551	\$0	\$0	\$0	\$1,835,551
Remaining:										*
Salem District-wide										
103828	I81 Pavement Rehabilitation - VARIOUS; VARIOUS (6.6600 MI)									
0081	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
InCO	Obligated:	\$134,078	\$0	\$31,116	\$0	\$0	\$0	\$0	\$0	\$165,194
Remaining:										*
Botetourt County										
106737	#SGR FY17 SGR I-81 NB Bote. Co. Concrete Undersealing - MM 149.5 / S. END RAILROAD OVERPASS; SOUTH END OF RTE. 779 OVERPASS (2.1000 MI)									
6737	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Obligated:	\$1,213,309	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,213,309
Remaining:										*
Salem District-wide										
107099	Districtwide Buckle-Up Signing Safety Improvement - Salem - 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:	\$0	(\$289,392)	\$0	\$0	\$0	\$0	\$0	\$0	(\$289,392)
Remaining:										*
Salem District-wide										
109556	Safety Prescoping - Salem - ()									
9999	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Obligated:	\$0	\$400,000	\$0	\$0	\$0	\$0	\$0	\$0	\$400,000
Remaining:										*

Roanoke MPO Study Area
Federal Obligated Funds: 10/01/2016 - 09/30/2017

Funding Source/Amount										
Locality	UPC / Description	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
Roanoke										
	109558	Flashing Yellow Arrow Upgrade - Williamson Rd & Airport Rd - Williamson Road; Airport Road ()								
	0011	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		Obligated:	\$0	\$20,251	\$0	\$0	\$0	\$0	\$0	\$20,251
Remaining:										*
Roanoke										
	109562	Flashing Yellow Arrow Upgrade - Valley View - Valley View Blvd. NW; Valley View Ave. NW ()								
	0019	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		Obligated:	\$0	\$21,561	\$0	\$0	\$0	\$0	\$0	\$21,561
Remaining:										*
Bedford County										
	107053	Rt. 24 Bedford County - Safety Improvements - 0.152 Miles West of Route 886; 0.156 Miles West of Route 635 South (Spradlin Road) (2.3400 MI)								
	0024	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		Obligated:	\$0	\$1,512,927	\$0	\$0	\$0	\$0	\$0	\$1,512,927
Remaining:										*
Roanoke										
	109567	Flashing Yellow Arrow Upgrade - Jefferson St. & Elm Ave. - Elm Avenue; Jefferson Street ()								
	0024	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		Obligated:	\$0	\$9,749	\$0	\$0	\$0	\$0	\$0	\$9,749
Remaining:										*
Bedford County										
	107063	Rt. 221 Bedford Co. - Bike & Ped Safety Improvements - 0.09 miles North of Route 1049; 0.06 miles South of Route 621 ()								
	0221	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		Obligated:	\$0	\$100,000	\$0	\$0	\$0	\$0	\$0	\$100,000
Remaining:										*
Roanoke County										
	107054	Route 311 - Roanoke County - Pedestrian Safety Improvements - NCL Salem; 0.02 Mile North of I-81 SB Ramp (0.0900 MI)								
	0311	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		Obligated:	\$0	\$574,248	\$0	\$0	\$0	\$0	\$0	\$574,248
Remaining:										*

Roanoke MPO Study Area
Federal Obligated Funds: 10/01/2016 - 09/30/2017

Funding Source/Amount										
Locality	UPC / Description	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
Roanoke County										
	111407 #SMART18 - Rte 419 & Rte 221 Adaptive Traffic Control - Rte 221; Rte 419 ()									
	0419 TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Obligated:	\$27,500	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$27,500
Remaining:										*
Roanoke										
	100659 RTE 460 - Upgrade Traffic Signal at 13th Street - Route 460; 13th Street (0.0500 MI)									
	0460 TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	InCO Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Released:	\$0	(\$46,058)	\$0	\$0	\$0	\$0	\$0	\$0	(\$46,058)
Remaining:										*
Roanoke										
	109566 Orange Avenue/ Blue Hills Signal Upgrade - City of Roanoke - Orange Avenue; Blue Hills ()									
	0460 TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Obligated:	\$0	\$9,749	\$0	\$0	\$0	\$0	\$0	\$0	\$9,749
Remaining:										*
Salem District-wide										
	108695 ADA COMPLIANCE SALEM DISTRICT - VARIOUS; VARIOUS ()									
	9999 TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Obligated:	\$0	\$199,475	\$0	\$0	\$0	\$0	\$0	\$0	\$199,475
Remaining:										*
Roanoke										
	111360 Franklin Road Sidewalk Improvements- Rt. 220 B- Roanoke City - 3100 Block; 3700 Block ()									
	0220 TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Obligated:	\$0	\$111,631	\$0	\$0	\$0	\$0	\$0	\$0	\$111,631
Remaining:										*
Roanoke										
	80558 RTE. U000 - CORRIDOR IMPROVEMENTS ON HERSHBERGER ROAD - Cove Road; Rutgers St. (0.0000 MI)									
	0558 TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	InCO Obligated:	\$0	\$23,760	\$0	\$0	\$0	\$0	\$0	\$0	\$23,760
Remaining:										*

Roanoke MPO Study Area
Federal Obligated Funds: 10/01/2016 - 09/30/2017

Funding Source/Amount										
Locality	UPC / Description	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
Roanoke										
	111370 #SMART18 - Hollins Rd & Orange Ave Intersection Improvements - Orange Ave; Hollins Rd (0.2000 MI)									
	0460 TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Obligated:	\$305,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$305,000
Remaining:										*
Salem										
	8753 RTE 460 - WIDEN TO 3 LANES WITH CURB & SIDEWALK - ROUTE 311 - THOMPSON MEMORIAL BLVD; 0.05 MILE EAST INTERSECTION KESSLER MILL ROAD (0.5473 MI)									
	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:										*
Vinton										
	105213 Rte.U000 - Walnut Ave Ph. I - SW, Stripe, Xwalks & Landscape - 5th St.; W. Lee Ave. ()									
	5213 TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Obligated:	\$0	\$0	\$0	\$0	\$2,400	\$0	\$0	\$0	\$2,400
Remaining:										*
Vinton										
	93160 Rte. U000 - Walnut Ave. Int. Improvement at 8th St. - at 8th; Street (MI)									
	0000 TIP:	\$0	\$0	\$0	\$0	\$417,600	\$0	\$0	\$0	\$417,600
	Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Remaining:										\$417,600
Bedford County										
	18728 RTE 619 - RECONSTRUCT INTERSECTION - ROUTE 24 - STEWARTSVILLE RD; INTERSECTION OF RTE 791 - WILDCAT RD (0.0700 MI)									
	0619 TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	InCO Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Remaining:										*
Roanoke County										
	15190 RTE 688 - RECONSTRUCTION - 0.056 MILE SOUTH ROUTE 221; 0.105 MILE SOUTH ROUTE 934 (0.6566 MI)									
	0688 TIP:	\$0	\$252,787	\$0	\$0	\$0	\$0	\$0	\$0	\$252,787
	InCO Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Remaining:										\$252,787

Roanoke MPO Study Area
Federal Obligated Funds: 10/01/2016 - 09/30/2017

Funding Source/Amount										
Locality	UPC / Description	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
Roanoke										
	109569	Flashing Yellow Arrow Upgrade - Brandon Ave. & Colonial Ave. - Brandon Avenue; Colonial Avenue ()								
	8029	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		Obligated:	\$0	\$21,690	\$0	\$0	\$0	\$0	\$0	\$21,690
Remaining:										*
Roanoke City										
	105019	Downtown Roanoke Signal Coordination - Roanoke; Roanoke ()								
	0000	TIP:	\$0	\$0	\$0	\$240,000	\$0	\$0	\$0	\$240,000
		Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Remaining:										\$240,000
Salem District-wide										
	104672	VARI. RTES. - Install Flashing Yellow Arrows Districtwide - various routes districtwide; various routes districtwide ()								
	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	(\$4,985)
Remaining:										*
T9912906 - CONSTRUCTION : SAFETY/ITS/OPERATIONAL IMPROVEMENTS SUBTOTAL										
		TIP:	\$0	\$446,031	\$0	\$0	\$1,815,536	\$0	\$0	\$0
		Obligated:	\$3,151,201	\$3,275,041	\$31,116	\$0	\$1,567,951	\$0	\$0	\$0
		Released:	\$0	(\$340,435)	\$0	\$0	\$0	\$0	\$0	\$0
Remaining:										*

Roanoke MPO Study Area
Federal Obligated Funds: 10/01/2016 - 09/30/2017

		Funding Source/Amount								
Locality	UPC / Description	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
T9912907 - Construction : Bridge Rehabilitation/Replacement/Reconstruction										
Botetourt County										
	77300 RTE 11 - REPLACE STRUCTURE OVER TINKER CREEK (STR#1012) - 0.15 MILE EAST ROUTE 1039 (0.1100 MI)									
	0011 TIP:	\$1,835,199	\$1,467,211	\$0	\$0	\$0	\$31,899	\$0	\$0	\$3,334,309
	Obligated:	\$1,795,160	\$1,254,825	\$0	\$0	\$0	\$27,539	\$0	\$0	\$3,077,524
Remaining:										\$256,785
Botetourt County										
	77302 RTE 11 - REPLACE STRUCTURE OVER TINKER CREEK (STR# 1013) - 0.38 MILE EAST ROUTE 822 (0.0900 MI)									
	0011 TIP:	\$2,550,853	\$215,959	\$0	\$0	\$0	\$0	\$0	\$0	\$2,766,812
	Obligated:	\$1,709,538	\$38,872	\$0	\$0	\$0	\$684,815	\$0	\$0	\$2,433,224
Remaining:										\$333,588
Roanoke County										
	77305 RTE 116 - BRIDGE REPLACEMENT OVER BACK CREEK - 0.10 MILE NORTH ROUTE 939 (0.3100 MI)									
	0116 TIP:	\$0	\$0	\$0	\$0	\$0	\$2,738,652	\$0	\$0	\$2,738,652
	Obligated:	\$0	\$2,323,790	\$0	\$0	\$0	\$0	\$0	\$0	\$2,323,790
Remaining:										\$414,862
Roanoke County										
	82193 ROUTE 220 - BRIDGE OVER BACK CREEK - STRUCTURE #1039 - 4.45 MI ROUTE 419; 3.68 MI FRANKLIN COUNTY LINE (0.5310 MI)									
	0220 TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Obligated:	\$7,323,326	\$1,820,766	\$0	\$0	\$0	\$0	\$0	\$0	\$9,144,092
Remaining:										*
Salem										
	110574 #SGR - Apperson Drive Bridge Replacement - East Riverside Drive; Route 419 - Electric Road (0.0900 MI)									
	0011 TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Obligated:	\$0	\$280,000	\$0	\$0	\$0	\$0	\$0	\$0	\$280,000
Remaining:										*
Bedford County										
	62650 RTE 634 - HARDY FORD BRDG REPLACEMENT (SMITH MOUNTAIN LAKE) - AT FRANKLIN/BEDFORD COUNTY LINE; (GOES WITH IDS 58885 & 58890) (0.3100 MI)									
	0634 TIP:	\$0	\$0	\$0	\$0	\$0	\$4,128,230	\$0	\$0	\$4,128,230
	Obligated:	\$0	\$3,923,278	\$0	\$0	\$0	\$2	\$0	\$0	\$3,923,280
Remaining:										\$204,950

Roanoke MPO Study Area
Federal Obligated Funds: 10/01/2016 - 09/30/2017

Funding Source/Amount											
Locality	UPC / Description	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL	
Botetourt County											
	103931	ARRA Salem District Culvert Replacements - Botetourt Co. - 0.03 Mi. East of Rte. 1532; 0.03 Mi. West of Rte. 1534 (0.0500 MI)									
	1533	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	InCO	Obligated:	\$0	\$39,836	\$0	\$0	\$0	\$0	\$0	\$39,836	
Remaining:										*	
T9912907 - CONSTRUCTION : BRIDGE REHABILITATION/REPLACEMENT/RECONSTRUCTION SUBTOTAL											
		TIP:	\$4,386,052	\$1,683,170	\$0	\$0	\$0	\$6,898,781	\$0	\$0	\$12,968,003
		Obligated:	\$10,828,024	\$9,681,368	\$0	\$0	\$0	\$712,355	\$0	\$0	\$21,221,747
		Released:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Remaining:										*	
MPO 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	(\$764,739)	
Remaining:										\$926,035	

APPENDIX B: Grouped Projects

STIP Transactions

Roanoke MPO Study Area

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

Funding Source/Amount

Locality	UPC / Description	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
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Interstate

Botetourt County

75910 Route 11,220,220A Access Management Project at I-81 Exit 150 - 0.30 MILE SOUTH OF ROUTE 220; 0.60 MILE NORTH OF ROUTE 220 (1.0410 MI)

0081	TIP:	\$6,189,590	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$6,189,590
	Obligated:	\$734,650	\$5,407,917	\$0	\$0	\$0	\$0	\$0	\$0	\$6,142,567

Remaining: \$47,023

Roanoke County

110395 #HB2.FY17 I-81 AUX LANE FROM EXIT 141 TO 143 DEBT SERVICE - ()

0081	TIP:	\$407,641	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$407,641
	Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Remaining: \$407,641

Roanoke

16595 RTE 581 - VALLEY VIEW INTERCHANGE PHASE II - 0.300 MI. S. ROUTE 101 (HERSHBERGER ROAD); 1.560 MI. S. ROUTE 101 (HERSHBERGER ROAD) (1.2600 MI)

0581	TIP:	\$0	\$4,794,514	\$0	\$0	\$0	\$0	\$0	\$0	\$4,794,514
	Obligated:	\$7,441,836	\$96,743	\$0	\$0	\$0	\$0	\$0	\$0	\$7,538,579

Remaining: *

INTERSTATE SUBTOTAL

TIP:	\$6,597,231	\$4,794,514	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$11,391,745
Obligated:	\$8,176,486	\$5,504,660	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$13,681,146
Released:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Remaining: *

Roanoke MPO Study Area
Federal Obligated Funds: 10/01/2016 - 09/30/2017

Funding Source/Amount										
Locality	UPC / Description	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
Primary										
0	No projects identified in the MPO Area									
	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Remaining:										\$0
*										
	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:										\$0
*										

Roanoke MPO Study Area
Federal Obligated Funds: 10/01/2016 - 09/30/2017

Funding Source/Amount										
Locality	UPC / Description	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
Urban										
0	No projects identified in the MPO Area									
	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Remaining:										\$0
	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:										\$0

Roanoke MPO Study Area
Federal Obligated Funds: 10/01/2016 - 09/30/2017

Funding Source/Amount										
Locality	UPC / Description	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
Secondary										
0	No projects identified in the MPO Area									
	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Remaining:										\$0*
	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:										\$0*

Roanoke MPO Study Area
Federal Obligated Funds: 10/01/2016 - 09/30/2017

Funding Source/Amount											
Locality	UPC / Description	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL	
Miscellaneous											
Roanoke City											
	102769	ROANOKE RIVER GREENWAY (Aerial Way Dr to Salem) - FY13 RS - Aerial Way Drive; SALEM CITY LIMITS (1.0000 MI)									
	2769	TIP:	\$0	\$0	\$0	\$0	\$2,291,040	\$0	\$0	\$0	\$2,291,040
	InCO	Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Remaining:										\$2,291,040	
MISCELLANEOUS SUBTOTAL											
		TIP:	\$0	\$0	\$0	\$0	\$2,291,040	\$0	\$0	\$0	\$2,291,040
		Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		Released:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Remaining:										\$2,291,040	

Roanoke MPO Study Area
Federal Obligated Funds: 10/01/2016 - 09/30/2017

Funding Source/Amount										
Locality	UPC / Description	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
Public Transportation										
0	No projects identified in the MPO Area									
	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Remaining:										\$0*
	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:										\$0*

Roanoke MPO Study Area
Federal Obligated Funds: 10/01/2016 - 09/30/2017

Funding Source/Amount										
Locality	UPC / Description	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
Rail										
0	No projects identified in the MPO Area									
	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Remaining:										\$0*
	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:										\$0*

Roanoke MPO Study Area
Federal Obligated Funds: 10/01/2016 - 09/30/2017

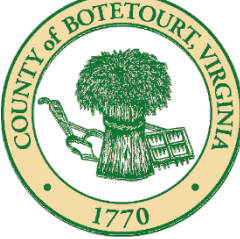
Funding Source/Amount										
Locality	UPC / Description	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
Enhancement										
0	No projects identified in the MPO Area									
	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Remaining:										\$0
*										
	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Released:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Remaining:										\$0
*										

Roanoke MPO Study Area
Federal Obligated Funds: 10/01/2016 - 09/30/2017

		Funding Source/Amount								
Locality	UPC / Description	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
Grouping										
G901 Construction : Transportation Enhancement/Byway/Non-Traditional - (T9912901)										
2901	TIP:	\$0	\$0	\$0	\$0	\$1,360,000	\$0	\$0	\$0	\$1,360,000
	Obligated:	\$1,164,375	\$135,974	\$0	\$0	\$5,539,131	\$0	\$0	\$0	\$6,839,480
	Released:	\$0	(\$409,209)	\$0	\$0	(\$15,094)	\$0	\$0	\$0	(\$424,303)
Remaining:										*
G903 Maintenance : Preventive Maintenance and System Preservation - (T9912903)										
2903	TIP:	\$0	\$8,525,000	\$0	\$0	\$0	\$0	\$0	\$0	\$8,525,000
	Obligated:	\$329,000	\$867,000	\$0	\$0	\$0	\$0	\$0	\$0	\$1,196,000
Remaining:										\$7,329,000
G904 Maintenance : Preventive Maintenance for Bridges - (T9912904)										
2904	TIP:	\$0	\$11,426,000	\$0	\$0	\$0	\$711,000	\$0	\$0	\$12,137,000
	Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Remaining:										\$12,137,000
G905 Maintenance : Traffic and Safety Operations - (T9912905)										
2905	TIP:	\$0	\$1,000,000	\$0	\$0	\$0	\$0	\$0	\$0	\$1,000,000
	Obligated:	\$43,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$43,000
Remaining:										\$957,000
G906 Construction : Safety/ITS/Operational Improvements - (T9912906)										
2906	TIP:	\$0	\$446,031	\$0	\$0	\$1,815,536	\$0	\$0	\$0	\$2,261,567
	Obligated:	\$3,151,201	\$3,275,041	\$31,116	\$0	\$1,567,951	\$0	\$0	\$0	\$8,025,309
	Released:	\$0	(\$340,435)	\$0	\$0	\$0	\$0	\$0	\$0	(\$340,435)
Remaining:										*
G907 Construction : Bridge Rehabilitation/Replacement/Reconstruction - (T9912907)										
2907	TIP:	\$4,386,052	\$1,683,170	\$0	\$0	\$0	\$6,898,781	\$0	\$0	\$12,968,003
	Obligated:	\$10,828,024	\$9,681,368	\$0	\$0	\$0	\$712,355	\$0	\$0	\$21,221,747
Remaining:										*

Roanoke MPO Study Area
Federal Obligated Funds: 10/01/2016 - 09/30/2017

Funding Source/Amount										
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)



**Roanoke Valley Transportation
PLANNING ORGANIZATION**

Staffed by the
REGIONALcommission

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 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.

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

STIP Grouping Detail

Roanoke MPO Study Area

Federal Obligated Funds: 10/01/2017 - 09/30/2018

Funding Source/Amount

Locality	UPC / Description	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
Bedford County										
T9912906 - Construction : Safety/ITS/Operational Improvements										
Bedford County										
	107053	Rt. 24 Bedford County - Safety Improvements - Route 886; 0.26 miles East of Route 635 (2.3400 MI)								
	0024	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		Obligated:	\$0	\$16,429	\$0	\$0	\$0	\$0	\$0	\$16,429
									Remaining:	*
Bedford County										
	107063	Rt. 221 Bedford Co. - Bike & Ped Safety Improvements - 0.09 miles North of Route 1049; 0.06 miles South of Route 621								
	0221	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		Obligated:	\$0	\$150,000	\$0	\$0	\$0	\$0	\$0	\$150,000
									Remaining:	*
T9912907 - Construction : Bridge Rehabilitation/Replacement/Reconstruction										
Bedford County										
	62650	#SGR RTE. 634 OVER ROANOKE RIVER (STR. 02718) - BRIDGE REPLA - 0.19 Mi. West of Franklin County Line; 0.12 Mi. East of Bedford County Line (0.3100 MI)								
	0634	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		Obligated:	\$5,737,597	\$0	\$0	\$0	\$0	\$0	\$0	\$5,737,597
		Released:	\$0	(\$8,083)	\$0	\$0	\$0	\$0	\$0	(\$8,083)
									Remaining:	*
BEDFORD COUNTY SUBTOTAL										
		TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		Obligated:	\$5,737,597	\$166,429	\$0	\$0	\$0	\$0	\$0	\$5,904,026
		Released:	\$0	(\$8,083)	\$0	\$0	\$0	\$0	\$0	(\$8,083)
									Remaining:	*

Funding Source/Amount										
Locality	UPC / Description	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
Botetourt County										
T9912903 - Maintenance : Preventive Maintenance and System Preservation										
Botetourt County										
	105035	F15 Plant Mix Botetourt County - Primaries PM2I-011-F15 - TRUCK WEIGHING SCALES; 0.23 MI. NORTH BRIDGE / RAIL ROAD								
	5035	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	InCO	Obligated:	\$0	\$832,970	\$0	\$0	\$0	\$0	\$0	\$832,970
									Remaining:	*
Botetourt County										
	106318	F16 Plant Mix Botetourt County - Primaries PM2I-011-F16 - ROANOKE COUNTY LINE; 0.38 Mi. N. Rte. 1028 /0.16 Mi. S. Rte. 11								
	6318	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	InCO	Obligated:	\$0	\$1,544,351	\$0	\$0	\$0	\$0	\$0	\$1,544,351
									Remaining:	*
T9912904 - Maintenance : Preventive Maintenance for Bridges										
Botetourt County										
	105539	Latex Concrete Deck Overlay Bridge Maintenance Project - 0.28 Mi. to Roanoke Co. Line; 2.79 Mi. to Rte. 220 (1.0000 MI)								
	0081	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	InCO	Obligated:	\$334,976	\$0	\$0	\$0	\$0	\$0	\$0	\$334,976
									Remaining:	*
T9912906 - Construction : Safety/ITS/Operational Improvements										
Botetourt County										
	103210	RTE. 220 Corridor - Replace 2 Narrow Structures - 0.239 Mi. North of Rte. 43; 0.630 Mi. South of Rte. 694 (0.9310 MI)								
	0220	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
									Remaining:	*

Funding Source/Amount												
Locality	UPC / Description	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL		
T9912907 - Construction : Bridge Rehabilitation/Replacement/Reconstruction												
Botetourt County												
	77300	RTE. 11 OVER TINKER CREEK (STR 03166) - BRIDGE REPLACEMENT - 0.04 Mile North of Route 1039; 0.13 Mile North of Route										
	0011	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		Obligated:	\$124,580	\$218	\$0	\$0	\$0	\$4,360	\$0	\$0	\$0	\$129,158
											Remaining:	*
Botetourt County												
	77302	RTE. 11 OVER TINKER CREEK (STR. 3167) - BRIDGE REPLACEMENT - Route 838; 0.09 Mile North of Route 838 (0.0900 MI)										
	0011	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		Obligated:	\$0	\$67,090	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$67,090
											Remaining:	*
Botetourt County												
	103931	ARRA Salem District Culvert Replacements - Botetourt Co. - 0.03 Mi. East of Rte. 1532; 0.03 Mi. West of Rte. 1534 (0.0500 MI)										
	1533	TIP:	\$0	\$0	\$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	\$0	\$0
											Remaining:	*
BOTETOURT COUNTY SUBTOTAL												
		TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		Obligated:	\$459,556	\$2,444,629	\$0	\$0	\$0	\$4,360	\$0	\$0	\$0	\$2,908,545
		Released:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
											Remaining:	*

Funding Source/Amount											
Locality	UPC / Description	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL	
Multi-jurisdictional: Roanoke MPO											
T9912901 - Construction : Transportation Enhancement/Byway/Non-Traditional											
Multi-jurisdictional: Roanoke MPO											
	G992	CN: TRANSPORTATION ENHANCEMENT/BYWAY/OTHER NON-TRADITIONAL - (T18992)									
	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 - Construction : Safety/ITS/Operational Improvements											
Multi-jurisdictional: Roanoke MPO											
	G999	CN: SAFETY/ITS/OPERATIONAL/IMPROVEMENTS - (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 - Construction : Bridge Rehabilitation/Replacement/Reconstruction											
Multi-jurisdictional: Roanoke MPO											
	G000	BRIDGE REHABILITATION/REPLACEMENT - (T19000)									
	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
MULTI-JURISDICTIONAL 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

Funding Source/Amount											
Locality	UPC / Description	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL	
Roanoke											
T9912901 - Construction : Transportation Enhancement/Byway/Non-Traditional											
Roanoke											
	103592	Virginian Railway Station Restoration Phase 2 - Virginian Railway Station; Virginian Railway Station (0.0000 MI)									
	0500	TIP:	\$0	\$0	\$0	\$0	\$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	ADA BUS FACILITIES - TRANSPORTATION ALTERNATIVES - Barnett Rd (Western City Limits); Salem Tpke (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											
	103345	RR Grnwy-Bike/Ped b/t Vic Thomas/Ghent Hill Parks - Vic Thomas Park; Ghent Hill Park (0.2500 MI)									
	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: *
T9912904 - Maintenance : Preventive Maintenance for Bridges											
Roanoke											
	106836	BRIDGE REHAB - LIBERTY ROAD OVER I-581 (STR. 21594) - 1.06 Mi. S. Int. Valleyview Blvd.; 0.60 Mi. N. Int. Orange Ave. (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 - Construction : Safety/ITS/Operational Improvements

Roanoke												
	113570	I-581 Exit 2 Interchange Study - I-581; Peters Creek Road ()										
	0581	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		Obligated:	\$0	\$0	\$0	\$0	\$120,000	\$0	\$0	\$0	\$0	\$120,000
												Remaining: *
Roanoke												
	109570	Orange Avenue/ Hollins Road Signal Upgrade - City of Roanoke - Route 460; Route 115 ()										
	0460	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		Obligated:	\$0	\$18,288	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$18,288
												Remaining: *
ROANOKE SUBTOTAL												
		TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		Obligated:	\$915,417	\$18,288	\$0	\$0	\$120,000	\$0	\$0	\$0	\$0	\$1,053,705
		Released:	(\$39,971)	(\$48,246)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$88,218)
												Remaining: *

Funding Source/Amount										
Locality	UPC / Description	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
Roanoke County										
T9912901 - Construction : Transportation Enhancement/Byway/Non-Traditional										
Roanoke County										
	103495	Low Water Bridge for HRB Trail near Int. Rtes. 419 and 311 - ()								
	3495	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	InCO	Obligated:	\$0	\$83,784	\$0	\$0	\$0	\$0	\$0	\$83,784
									Remaining:	*
Roanoke County										
	97171	#HB2.FY17 Roanoke Co, RRG, Green Hill Pk to Riverside Pk - Green Hill Park; Riverside Park (1.7300 MI)								
	7171	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		Obligated:	\$0	\$0	\$0	\$0	\$28,193	\$0	\$0	\$28,193
									Remaining:	*
Roanoke County										
	103607	Roanoke Co., Plantation Road Streetscape Improvements - Williamson Road (Route 11); Gander Way / Friendship Ln (0.7200 MI)								
	3607	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		Released:	\$0	(\$540)	\$0	\$0	\$0	\$0	\$0	(\$540)
									Remaining:	*
T9912903 - Maintenance : Preventive Maintenance and System Preservation										
Roanoke County										
	105028	F-15 Plant Mix - Roanoke County - Primaries PM2K-080-F15 - various; various (4.0600 MI)								
	5028	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	InCO	Obligated:	\$0	\$223,294	\$0	\$0	\$0	\$0	\$0	\$223,294
									Remaining:	*
T9912905 - Maintenance : Traffic and Safety Operations										
Roanoke County										
	98130	Traffic Signal Upgrade Task #161-3, Rte. 419-Postal Dr. FY12 - at the intersection of; Rte. 419 and Postal Drive ()								
	0419	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	InCO	Obligated:	\$0	\$9,495	\$0	\$0	\$0	\$0	\$0	\$9,495
									Remaining:	*

T9912906 - Construction : Safety/ITS/Operational Improvements

Roanoke County													
	99542	RTE. 81 - EXIT 140 Park 'N Ride Facility Expansion - Int Rte 1128 and Rte 1150; 0.17 Mi. West of Int Rte 1128 and 1150 (0.1700 MI)											
	0081	TIP:	\$0	\$0	\$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	(\$13)	\$0	\$0	\$0	\$0	(\$13)	
												Remaining:	*
Roanoke County													
	108905	#HB2.FY17 Lila Dr / Rte 115 Intersection Safety Improvements - Lila Drive; Route 115 (Plantation Road) (0.1000 MI)											
	0115	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
		Obligated:	\$109,050	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$109,050	
												Remaining:	*
Roanoke County													
	107054	Route 311 - Roanoke County - Pedestrian Safety Improvements - NCL Salem; 0.02 Mile North of I-81 SB Ramp (0.0900 MI)											
	0311	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	InCO	Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
		Released:	\$0	(\$28,641)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$28,641)	
												Remaining:	*
Roanoke County													
	111066	Pedestrian Bridge over Rt. 311 - Roanoke County - Route 864; 0.2 miles North of Route 864 ()											
	0311	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
		Obligated:	\$0	\$300,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$300,000	
												Remaining:	*
Roanoke County													
	103542	F14 Plant Mix - Roanoke County - Primaries PM2K-080-F14 - (9.7900 MI)											
	3542	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	InCO	Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
		Released:	(\$16,503)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$16,503)	
												Remaining:	*

Roanoke County											
	107055	Route 11 & 117 Roanoke Co. - Bike & Ped Safety Improvements - Route 117; Route 11 (0.4260 MI)									
	9999	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		Obligated:	\$0	\$125,000	\$0	\$0	\$0	\$0	\$0	\$0	\$125,000
											Remaining: *
Roanoke County											
	15190	RTE 688 - RECONSTRUCTION - 0.056 MILE SOUTH ROUTE 221; 0.105 MILE SOUTH ROUTE 934 (0.6566 MI)									
	0688	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	InCO	Obligated:	\$0	\$125,121	\$0	\$0	\$0	\$0	\$0	\$0	\$125,121
											Remaining: *
Roanoke County											
	15188	RTE 1663 - RECONSTRUCT; DRAINAGE STRUCT/BRANCH MUD LICK CK - SOUTH INT. ROUTE 221; INT. OF ROUTE 1662 (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 - Construction : Bridge Rehabilitation/Replacement/Reconstruction											
Roanoke County											
	82193	RTE. 220 OVER BACK CREEK (STR. 14935) - BRIDGE REPLACEMENT - 0.199 MI SOUTH OF ROUTE 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 County											
	94726	RTE. 221 OVER MARTINS CREEK (STR. 14945) - BRIDGE REPLACEMENT - 0.01 mi S. Int Rte 696; 0.01 mi 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: *
ROANOKE COUNTY SUBTOTAL											
		TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		Obligated:	\$995,069	\$4,099,015	\$0	\$0	\$28,193	\$0	\$0	\$0	\$5,122,277
		Released:	(\$16,503)	(\$111,132)	\$0	\$0	(\$13)	\$0	\$0	\$0	(\$127,648)
											Remaining: *

Funding Source/Amount											
Locality	UPC / Description	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL	
Salem											
T9912906 - Construction : Safety/ITS/Operational Improvements											
Salem											
	8753	#HB2.FY17 Rte460 - Widen To 3 Ln w/ Bike Ln, Curb, Sidewalk - 0.028 Mi. West of Route 311 (Thompson 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 - Construction : Bridge Rehabilitation/Replacement/Reconstruction											
Salem											
	110574	#SGR - Apperson Drive Bridge Replacement - East Riverside Drive; Route 419 - Electric Road (0.0900 MI)									
	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: *

Funding Source/Amount										
Locality	UPC / Description	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
Salem District-wide										
T9912901 - Construction : Transportation Enhancement/Byway/Non-Traditional										
Salem										
	106486	Eddy Ave Bike/Ped Bridge - David Smith Trail; Phase 3A Roanoke River Greenway (0.0400 MI)								
	0000	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		Obligated:	\$3,200	\$0	\$0	\$0	\$0	\$0	\$0	\$3,200
									Remaining:	*
T9912903 - Maintenance : Preventive Maintenance and System Preservation										
Salem District-wide										
	106158	F15 Plant Mix Interstate District-wide PM2S-962-F15 - various; various (9.1100 MI)								
	6158	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	InCO	Obligated:	\$0	\$1,221,920	\$0	\$0	\$0	\$0	\$0	\$1,221,920
									Remaining:	*
Salem District-wide										
	106306	F16 Districtwide Interstate Latex Schedule LM2A-962-F16 - various; various (8.5100 MI)								
	6306	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	InCO	Obligated:	\$0	\$406,773	\$0	\$0	\$0	\$0	\$0	\$406,773
									Remaining:	*
Salem District-wide										
	106160	F15 Districtwide Primary Latex Schedule LM2E-962-F15 - various; various (11.7100 MI)								
	6160	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	InCO	Obligated:	\$0	\$6,051	\$0	\$0	\$0	\$0	\$0	\$6,051
									Remaining:	*
Salem District-wide										
	G722	STIP-MN Salem: Preventive MN and System Preservation - (T14722)								
	0000	TIP:	\$0	\$8,391,501	\$0	\$0	\$0	\$0	\$0	\$8,391,501
		Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
									Remaining:	\$8,391,501

T9912904 - Maintenance : Preventive Maintenance for Bridges

Salem District-wide											
	G721	STIP-MN Salem: Preventive MN for Bridges - (T14721)									
	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

T9912905 - Maintenance : Traffic and Safety Operations

Salem District-wide											
	103810	FY14 Pavement Marking Task #962-2: Interstate 81 & 77 - Interstate 81 (MM 87.4 - 174.3); Interstate 77 (MM 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:	*

Salem District-wide											
	106877	REPLACE RPM LENSES - INTERSTATE 81, 581 & 77 - I-81 MM 87.4 ; I-77 MM 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:	*

Salem District-wide											
	79752	REGIONAL TRAFFIC SIGNAL CONTRACT FOR 1/2007 THRU 12/2008 - ADV FOR SOUTHWESTERN REGION; AREA INCLUDES									
	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:	*

Salem District-wide											
	G720	STIP-MN Salem: Traffic and Safety Operations - (T14720)									
	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 - Construction : Safety/ITS/Operational Improvements

Salem District-wide													
	104046	RTES. I77 & I81 - FY14-15 REPLACE SIGNS - Interstate 77; Interstate 81 ()											
	0081	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	InCO	Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
		Released:	(\$20,628)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$20,628)	
												Remaining:	*
Salem District-wide													
	106428	INTERSTATE 81 & 77 MARKING RETRACE PHASE 1 - SALEM DISTRICT - VARIOUS; VARIOUS ()											
	9999	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	InCO	Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
		Released:	(\$12,645)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$12,645)	
												Remaining:	*
Salem District-wide													
	109556	Safety Prescoping - Salem - ()											
	9999	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
		Obligated:	\$0	\$402,642	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$402,642	
												Remaining:	*
Salem District-wide													
	114335	INSTALL HIGH VISIBILITY REFLECTIVE SIGNAL BACKPLATES - VARIOUS; VARIOUS ()											
	9999	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
		Obligated:	\$0	\$208,189	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$208,189	
												Remaining:	*
Salem District-wide													
	106552	Committed Safety Projects-Salem - various; various (0.0000 MI)											
	0000	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	InCO	Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
		Released:	\$0	(\$46,408)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$46,408)	
												Remaining:	*

Salem District-wide												
	108517	ADA COMPLIANCE IN SALEM DISTRICT - 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-DISTRICTWIDE 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

Funding Source/Amount												
Locality	UPC / Description	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL		
Vinton												
T9912901 - Construction : Transportation Enhancement/Byway/Non-Traditional												
Vinton												
	109611	GLADE CREEK GREENWAY, PHASE 2 - Int. Walnut Ave & 5th St; Gus Nicks 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:	*

	MPO 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

STIP Grouping Detail

Roanoke MPO Study Area

Federal Obligated Funds: 10/01/2017 - 09/30/2018

Funding Source/Amount

Locality	UPC / Description	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
T9912901 - Construction : Transportation Enhancement/Byway/Non-Traditional										
Multi-jurisdictional: Roanoke MPO										
	G992 CN: TRANSPORTATION ENHANCEMENT/BYWAY/OTHER NON-TRADITIONAL - (T18992)									
	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
Roanoke										
	103592 Virginian Railway Station Restoration Phase 2 - Virginian Railway Station; Virginian Railway Station (0.0000 MI)									
	0500 TIP:	\$0	\$0	\$0	\$0	\$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 ADA BUS FACILITIES - TRANSPORTATION ALTERNATIVES - Barnett Rd (Western City Limits); Salem Tpke (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										
	103345 RR Grnwy-Bike/Ped b/t Vic Thomas/Ghent Hill Parks - Vic Thomas Park; Ghent Hill Park (0.2500 MI)									
	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:										*
Roanoke County										
	103495 Low Water Bridge for HRB Trail near Int. Rtes. 419 and 311 - ()									
	3495 TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	InCO Obligated:	\$0	\$83,784	\$0	\$0	\$0	\$0	\$0	\$0	\$83,784
Remaining:										*

STIP Grouping Detail

Roanoke MPO Study Area

Federal Obligated Funds: 10/01/2017 - 09/30/2018

Funding Source/Amount

Locality	UPC / Description	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
Roanoke County										
	97171 #HB2.FY17 Roanoke Co, RRG, Green Hill Pk to Riverside Pk - Green Hill Park; Riverside Park (1.7300 MI)									
	7171 TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Obligated:	\$0	\$0	\$0	\$0	\$28,193	\$0	\$0	\$0	\$28,193
Remaining:										*
Roanoke County										
	103607 Roanoke Co., Plantation Road Streetscape Improvements - Williamson Road (Route 11); Gander Way / Friendship Ln (0.7200 MI)									
	3607 TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Released:	\$0	(\$540)	\$0	\$0	\$0	\$0	\$0	\$0	(\$540)
Remaining:										*
Salem										
	106486 Eddy Ave Bike/Ped Bridge - David Smith Trail; Phase 3A Roanoke 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:										*
Vinton										
	109611 GLADE CREEK GREENWAY, PHASE 2 - Int. Walnut Ave & 5th St; Gus Nicks 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:										*
T9912901 - CONSTRUCTION : TRANSPORTATION ENHANCEMENT/BYWAY/NON-TRADITIONAL SUBTOTAL										
	TIP:	\$1,192,664	\$0	\$0	\$0	\$2,530,374	\$0	\$0	\$0	\$3,723,038
	Obligated:	\$3,200	\$83,784	\$0	\$0	\$28,193	\$0	\$0	\$0	\$115,177
	Released:	(\$39,972)	(\$48,786)	\$0	\$0	\$0	\$0	\$0	\$0	(\$88,758)
Remaining:										\$3,607,861

STIP Grouping Detail

Roanoke MPO Study Area

Federal Obligated Funds: 10/01/2017 - 09/30/2018

Funding Source/Amount

Locality	UPC / Description	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
T9912903 - Maintenance : Preventive Maintenance and System Preservation										
Salem District-wide										
	106158	F15 Plant Mix Interstate District-wide PM2S-962-F15 - various; various (9.1100 MI)								
	6158	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	InCO	Obligated:	\$0	\$1,221,920	\$0	\$0	\$0	\$0	\$0	\$1,221,920
Remaining:										*
Salem District-wide										
	106306	F16 Districtwide Interstate Latex Schedule LM2A-962-F16 - various; various (8.5100 MI)								
	6306	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	InCO	Obligated:	\$0	\$406,773	\$0	\$0	\$0	\$0	\$0	\$406,773
Remaining:										*
Roanoke County										
	105028	F-15 Plant Mix - Roanoke County - Primaries PM2K-080-F15 - various; various (4.0600 MI)								
	5028	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	InCO	Obligated:	\$0	\$223,294	\$0	\$0	\$0	\$0	\$0	\$223,294
Remaining:										*
Botetourt County										
	105035	F15 Plant Mix Botetourt County - Primaries PM2I-011-F15 - TRUCK WEIGHING SCALES; 0.23 MI. NORTH BRIDGE / RAIL ROAD (3.0400 MI)								
	5035	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	InCO	Obligated:	\$0	\$832,970	\$0	\$0	\$0	\$0	\$0	\$832,970
Remaining:										*
Salem District-wide										
	106160	F15 Districtwide Primary Latex Schedule LM2E-962-F15 - various; various (11.7100 MI)								
	6160	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	InCO	Obligated:	\$0	\$6,051	\$0	\$0	\$0	\$0	\$0	\$6,051
Remaining:										*

STIP Grouping Detail

Roanoke MPO Study Area

Federal Obligated Funds: 10/01/2017 - 09/30/2018

Funding Source/Amount

Locality	UPC / Description	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
Botetourt County										
106318 F16 Plant Mix Botetourt County - Primaries PM2I-011-F16 - ROANOKE COUNTY LINE; 0.38 Mi. N. Rte. 1028 /0.16 Mi. S. Rte. 11 (4.3900 MI)										
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:										*
Salem District-wide										
G722 STIP-MN Salem: Preventive MN and System Preservation - (T14722)										
0000	TIP:	\$0	\$8,391,501	\$0	\$0	\$0	\$0	\$0	\$0	\$8,391,501
	Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Remaining:										\$8,391,501
T9912903 - MAINTENANCE : PREVENTIVE MAINTENANCE AND SYSTEM PRESERVATION SUBTOTAL										
	TIP:	\$0	\$8,391,501	\$0	\$0	\$0	\$0	\$0	\$0	\$8,391,501
	Obligated:	\$0	\$4,235,359	\$0	\$0	\$0	\$0	\$0	\$0	\$4,235,359
	Released:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Remaining:										\$4,156,142

STIP Grouping Detail

Roanoke MPO Study Area

Federal Obligated Funds: 10/01/2017 - 09/30/2018

Funding Source/Amount

Locality	UPC / Description	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
T9912904 - Maintenance : Preventive Maintenance for Bridges										
Roanoke										
	106836 BRIDGE REHAB - LIBERTY ROAD OVER I-581 (STR. 21594) - 1.06 Mi. S. Int. Valleyview Blvd.; 0.60 Mi. N. Int. Orange Ave. (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:										*
Botetourt County										
	105539 Latex Concrete Deck Overlay Bridge Maintenance Project - 0.28 Mi. to Roanoke Co. Line; 2.79 Mi. to Rte. 220 (1.0000 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-wide										
	G721 STIP-MN Salem: Preventive MN for Bridges - (T14721)									
	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
T9912904 - MAINTENANCE : PREVENTIVE MAINTENANCE FOR BRIDGES SUBTOTAL										
	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

STIP Grouping Detail

Roanoke MPO Study Area

Federal Obligated Funds: 10/01/2017 - 09/30/2018

Funding Source/Amount

Locality	UPC / Description	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
T9912905 - Maintenance : Traffic and Safety Operations										
Salem District-wide										
	103810	FY14 Pavement Marking Task #962-2: Interstate 81 & 77 - Interstate 81 (MM 87.4 - 174.3); Interstate 77 (MM 0 - 24.3) ()								
	0081	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	InCO	Obligated:	\$0	\$121,154	\$0	\$0	\$0	\$0	\$0	\$121,154
Remaining:										*
Salem District-wide										
	106877	REPLACE RPM LENSES - INTERSTATE 81, 581 & 77 - I-81 MM 87.4 ; I-77 MM 0; I-581 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
	InCO	Obligated:	\$10,784	\$0	\$0	\$0	\$0	\$0	\$0	\$10,784
Remaining:										*
Roanoke County										
	98130	Traffic Signal Upgrade Task #161-3, Rte. 419-Postal Dr. FY12 - at the intersection of; Rte. 419 and Postal Drive ()								
	0419	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	InCO	Obligated:	\$0	\$9,495	\$0	\$0	\$0	\$0	\$0	\$9,495
Remaining:										*
Salem District-wide										
	79752	REGIONAL TRAFFIC SIGNAL CONTRACT FOR 1/2007 THRU 12/2008 - ADV FOR SOUTHWESTERN REGION; AREA INCLUDES SALEM, BRISTOL; & A PORTION OF LYNCHBURG; CN UPCS TO BE ESTABLISHED (0.0000 MI)								
	9752	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	InCO	Obligated:	\$185,000	\$0	\$0	\$0	\$0	\$0	\$0	\$185,000
Remaining:										*

STIP Grouping Detail

Roanoke MPO Study Area

Federal Obligated Funds: 10/01/2017 - 09/30/2018

Funding Source/Amount

Locality	UPC / Description	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
Salem District-wide										
	G720 STIP-MN Salem: Traffic and Safety Operations - (T14720)									
	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
T9912905 - MAINTENANCE : TRAFFIC AND SAFETY OPERATIONS SUBTOTAL										
	TIP:	\$0	\$2,398,108	\$0	\$0	\$0	\$0	\$0	\$0	\$2,398,108
	Obligated:	\$195,784	\$130,649	\$0	\$0	\$0	\$0	\$0	\$0	\$326,433
	Released:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Remaining:										\$2,071,675

STIP Grouping Detail

Roanoke MPO Study Area

Federal Obligated Funds: 10/01/2017 - 09/30/2018

Funding Source/Amount

Locality	UPC / Description	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
T9912906 - Construction : Safety/ITS/Operational Improvements										
Roanoke County										
99542	RTE. 81 - EXIT 140 Park 'N Ride Facility Expansion - Int Rte 1128 and Rte 1150; 0.17 Mi. West of Int Rte 1128 and 1150 (0.1700 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:										*
Salem District-wide										
104046	RTEs. I77 & I81 - FY14-15 REPLACE SIGNS - Interstate 77; Interstate 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:										*
Roanoke										
113570	I-581 Exit 2 Interchange Study - I-581; Peters Creek Road ()									
0581	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Obligated:	\$0	\$0	\$0	\$0	\$120,000	\$0	\$0	\$0	\$120,000
Remaining:										*
Salem District-wide										
106428	INTERSTATE 81 & 77 MARKING RETRACE PHASE 1 - SALEM DISTRICT - 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 District-wide										
109556	Safety Prescoping - Salem - ()									
9999	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Obligated:	\$0	\$402,642	\$0	\$0	\$0	\$0	\$0	\$0	\$402,642
Remaining:										*

STIP Grouping Detail

Roanoke MPO Study Area

Federal Obligated Funds: 10/01/2017 - 09/30/2018

Funding Source/Amount

Locality	UPC / Description	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
Bedford County										
	107053 Rt. 24 Bedford County - Safety Improvements - Route 886; 0.26 miles East of Route 635 (2.3400 MI)									
	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 County										
	108905 #HB2.FY17 Lila Dr / Rte 115 Intersection Safety Improvements - Lila Drive; Route 115 (Plantation 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:										*
Botetourt County										
	103210 RTE. 220 Corridor - Replace 2 Narrow Structures - 0.239 Mi. North of Rte. 43; 0.630 Mi. South of Rte. 694 (0.9310 MI)									
	0220 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:										*
Bedford County										
	107063 Rt. 221 Bedford Co. - Bike & Ped Safety Improvements - 0.09 miles North of Route 1049; 0.06 miles South of Route 621 ()									
	0221 TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Obligated:	\$0	\$150,000	\$0	\$0	\$0	\$0	\$0	\$0	\$150,000
Remaining:										*
Roanoke County										
	107054 Route 311 - Roanoke County - Pedestrian Safety Improvements - NCL Salem; 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:										*

STIP Grouping Detail

Roanoke MPO Study Area

Federal Obligated Funds: 10/01/2017 - 09/30/2018

Funding Source/Amount

Locality	UPC / Description	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
Roanoke County										
	111066 Pedestrian Bridge over Rt. 311 - Roanoke County - Route 864; 0.2 miles North of Route 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										
	109570 Orange Avenue/ Hollins Road Signal Upgrade - City of Roanoke - Route 460; Route 115 ()									
	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 County										
	103542 F14 Plant Mix - Roanoke County - Primaries PM2K-080-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 County										
	107055 Route 11 & 117 Roanoke Co. - Bike & Ped Safety Improvements - Route 117; Route 11 (0.4260 MI)									
	9999 TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Obligated:	\$0	\$125,000	\$0	\$0	\$0	\$0	\$0	\$0	\$125,000
Remaining:										*
Salem District-wide										
	114335 INSTALL HIGH VISIBILITY REFLECTIVE SIGNAL BACKPLATES - VARIOUS; VARIOUS ()									
	9999 TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Obligated:	\$0	\$208,189	\$0	\$0	\$0	\$0	\$0	\$0	\$208,189
Remaining:										*

STIP Grouping Detail

Roanoke MPO Study Area

Federal Obligated Funds: 10/01/2017 - 09/30/2018

Funding Source/Amount										
Locality	UPC / Description	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
Salem										
8753	#HB2.FY17 Rte460 - Widen To 3 Ln w/ Bike Ln, Curb, Sidewalk - 0.028 Mi. West of Route 311 (Thompson Memorial Blvd.); 0.006 Mi. West of Brand Ave. (0.5473 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:										*
Roanoke County										
15190	RTE 688 - RECONSTRUCTION - 0.056 MILE SOUTH ROUTE 221; 0.105 MILE SOUTH ROUTE 934 (0.6566 MI)									
0688	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
InCO	Obligated:	\$0	\$125,121	\$0	\$0	\$0	\$0	\$0	\$0	\$125,121
Remaining:										*
Roanoke County										
15188	RTE 1663 - RECONSTRUCT; DRAINAGE STRUCT/BRANCH MUD LICK CK - SOUTH INT. ROUTE 221; INT. OF ROUTE 1662 (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:										*
Multi-jurisdictional: Roanoke MPO										
G999	CN: SAFETY/ITS/OPERATIONAL/IMPROVEMENTS - (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
Salem District-wide										
106552	Committed Safety Projects-Salem - various; 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:										*

STIP Grouping Detail

Roanoke MPO Study Area

Federal Obligated Funds: 10/01/2017 - 09/30/2018

Funding Source/Amount

Locality	UPC / Description	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
Salem District-wide										
	108517 ADA COMPLIANCE IN SALEM DISTRICT - 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:										*
T9912906 - CONSTRUCTION : SAFETY/ITS/OPERATIONAL IMPROVEMENTS SUBTOTAL										
	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

Federal Obligated Funds: 10/01/2017 - 09/30/2018

Funding Source/Amount

Locality	UPC / Description	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
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T9912907 - Construction : Bridge Rehabilitation/Replacement/Reconstruction

Botetourt County

77300 RTE. 11 OVER TINKER CREEK (STR 03166) - BRIDGE REPLACEMENT - 0.04 Mile North of Route 1039; 0.13 Mile North of Route 1039 (0.1100 MI)

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 County

77302 RTE. 11 OVER TINKER CREEK (STR. 3167) - BRIDGE REPLACEMENT - Route 838; 0.09 Mile North of Route 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: *

Roanoke County

82193 RTE. 220 OVER BACK CREEK (STR. 14935) - BRIDGE REPLACEMENT - 0.199 MI SOUTH OF ROUTE 657; 0.331 MI NORTH OF ROUTE 657 (0.5310 MI)

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 County

94726 RTE. 221 OVER MARTINS CREEK (STR. 14945) - BRIDGE REPLACEMENT - 0.01 mi S. Int Rte 696; 0.01 mi 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: *

Salem

110574 #SGR - Apperson Drive Bridge Replacement - East Riverside Drive; Route 419 - Electric Road (0.0900 MI)

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: *

STIP Grouping Detail

Roanoke MPO Study Area

Federal Obligated Funds: 10/01/2017 - 09/30/2018

Funding Source/Amount										
Locality	UPC / Description	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
Bedford County										
62650 #SGR RTE. 634 OVER ROANOKE RIVER (STR. 02718) - BRIDGE REPLA - 0.19 Mi. West of Franklin County Line; 0.12 Mi. East of Bedford County Line (0.3100 MI)										
0634	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Obligated:	\$5,737,597	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,737,597
	Released:	\$0	(\$8,083)	\$0	\$0	\$0	\$0	\$0	\$0	(\$8,083)
Remaining:										*
Botetourt County										
103931 ARRA Salem District Culvert Replacements - Botetourt Co. - 0.03 Mi. East of Rte. 1532; 0.03 Mi. West of Rte. 1534 (0.0500 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:										*
Multi-jurisdictional: Roanoke MPO										
G000 BRIDGE REHABILITATION/REPLACEMENT - (T19000)										
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
T9912907 - CONSTRUCTION : BRIDGE REHABILITATION/REPLACEMENT/RECONSTRUCTION SUBTOTAL										
	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:										*
MPO 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

APPENDIX B: Grouped Projects

STIP Transactions

Roanoke MPO Study Area

Federal Obligated Funds: 10/01/2017 - 09/30/2018

Funding Source/Amount

Locality	UPC / Description	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
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Interstate

Botetourt County

75910 Route 11,220,220A Access Management Project at I-81 Exit 150 - 0.30 MILE SOUTH OF ROUTE 220; 0.74 MILE NORTH OF ROUTE 220 (1.0410 MI)

0081	TIP:	\$0	\$289,648	\$0	\$0	\$0	\$0	\$0	\$0	\$289,648
	Obligated:	\$701,595	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$701,595

Remaining: *

Roanoke County

110395 #HB2.FY17 I-81 AUX LANE FROM EXIT 141 TO 143 DEBT SERVICE - ()

0081	TIP:	\$923,587	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$923,587
	Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Remaining: \$923,587

Roanoke County

111983 #SMART18 - 81 SB Aux Ln frm Exit 143-141 GARVEE Debt Service - ()

0081	TIP:	\$212,115	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$212,115
	Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Remaining: \$212,115

Roanoke

16595 RTE 581 - VALLEY VIEW INTERCHANGE PHASE II - 0.300 MI. S. ROUTE 101 (HERSHBERGER ROAD); 1.560 MI. S. ROUTE 101 (HERSHBERGER ROAD) (1.2600 MI)

0581	TIP:	\$7,441,836	\$96,743	\$0	\$0	\$0	\$0	\$0	\$0	\$7,538,579
InCO	Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$7,626,914	\$0	\$7,626,914

Remaining: *

STIP Transactions

Roanoke MPO Study Area

Federal Obligated Funds: 10/01/2017 - 09/30/2018

Funding Source/Amount										
Locality	UPC / Description	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
INTERSTATE 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

STIP Transactions

Roanoke MPO Study Area

Federal Obligated Funds: 10/01/2017 - 09/30/2018

Funding Source/Amount

Locality	UPC / Description	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
Primary										
Roanoke County										
17698	RTE 11/460 - Widen to 4-LN w/curb, gutter, and raised median - .055 MI. E. OF WCL SALEM; 0.10 MILE WEST ROUTE 830 (2.1880 MI)									
0011	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
InCO	Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Remaining:										*
Roanoke County										
98220	RTE. 115, Plantation Rd Corridor Improvements - I81; Rte.11 (Williamson Road) (0.7200 MI)									
0115	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Remaining:										*
Roanoke County										
96139	ARRA-C Roanoke 221 Reconstruct to 4 Lanes (CN Phase Only) - 0.035 km. S. Rte. 688; 1.478 km N. Rte. 688 (1.5120 KM)									
0221	TIP:	\$0	(\$974,883)	\$0	\$0	\$0	\$0	\$0	\$0	(\$974,883)
InCO	Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Remaining:										*
Roanoke County										
108904	#HB2.FY17 Route 311 / Route 419 Int. Safety & Congestion Imp - Intersection of Rte 311 & Rte 419; Intersection of Rte 311 & Rte 419 (0.1000 MI)									
0311	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Remaining:										*
PRIMARY SUBTOTAL										
	TIP:	\$0	(\$974,883)	\$0	\$0	\$0	\$0	\$0	\$0	(\$974,883)
	Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Released:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Remaining:										*

STIP Transactions

Roanoke MPO Study Area

Federal Obligated Funds: 10/01/2017 - 09/30/2018

Funding Source/Amount

Locality	UPC / Description	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
Urban										
Roanoke										
	108896 #HB2.FY17 Colonial Avenue Improvements - Winding Way Road SW; Overland Road SW (0.5000 MI)									
	8001 TIP:	\$383,116	\$201,166	\$0	\$0	\$0	\$0	\$0	\$0	\$584,282
	Obligated:	\$383,116	\$201,166	\$0	\$0	\$0	\$0	\$0	\$0	\$584,282
Remaining:										*
Roanoke City										
	688 13TH STREET AND HOLLINS ROAD - JAMISON AVE; .08 MILE NORTH INT. ORANGE AVENUE (0.9790 MI)									
	688 TIP:	\$0	\$0	\$950,875	\$0	\$0	\$0	\$0	\$0	\$950,875
	Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Remaining:										\$950,875
Salem										
	52076 RTE 11 - APPERSON DR - INTERSECTION IMPROVEMENTS - PE ONLY - AT ROUTE 419 (ELECTRIC ROAD) (0.3000 MI)									
	0011 TIP:	\$0	\$0	\$0	\$0	\$0	\$1,570,232	\$0	\$0	\$1,570,232
	InCO Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Remaining:										\$1,570,232
Vinton										
	105213 Rte.U000 - Walnut Ave Ph. I - SW, Stripe, Xwalks & Landscape - 5th St.; W. Lee Ave. ()									
	5213 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	(\$70,400)	\$0	\$0	\$0	(\$70,400)
Remaining:										*
URBAN SUBTOTAL										
	TIP:	\$383,116	\$201,166	\$950,875	\$0	\$0	\$1,570,232	\$0	\$0	\$3,105,389
	Obligated:	\$383,116	\$201,166	\$0	\$0	\$0	\$0	\$0	\$0	\$584,282
	Released:	\$0	\$0	\$0	\$0	(\$70,400)	\$0	\$0	\$0	(\$70,400)
Remaining:										\$2,521,107

STIP Transactions

Roanoke MPO Study Area

Federal Obligated Funds: 10/01/2017 - 09/30/2018

Funding Source/Amount

Locality	UPC / Description	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
Secondary										
0	No projects identified in the MPO Area									
	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Remaining:										\$0
*										
	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:										\$0
*										

STIP Transactions

Roanoke MPO Study Area

Federal Obligated Funds: 10/01/2017 - 09/30/2018

Funding Source/Amount

Locality	UPC / Description	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
Miscellaneous										
0	No projects identified in the MPO Area									
	TIP:	\$0	\$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:										*

STIP Transactions

Roanoke MPO Study Area

Federal Obligated Funds: 10/01/2017 - 09/30/2018

Funding Source/Amount

Locality	UPC / Description	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
Public Transportation										

0 No projects identified in the MPO Area

TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
------	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

Remaining: *

TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Released:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Remaining: *

STIP Transactions

Roanoke MPO Study Area

Federal Obligated Funds: 10/01/2017 - 09/30/2018

Funding Source/Amount

Locality	UPC / Description	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
Rail										
0	No projects identified in the MPO Area									
	TIP:	\$0	\$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:										*

STIP Transactions

Roanoke MPO Study Area

Federal Obligated Funds: 10/01/2017 - 09/30/2018

Funding Source/Amount

Locality	UPC / Description	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
Enhancement										

0 No projects identified in the MPO Area

TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
------	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

Remaining: *

TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Released:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Remaining: *

STIP Transactions

Roanoke MPO Study Area

Federal Obligated Funds: 10/01/2017 - 09/30/2018

Funding Source/Amount

Locality	UPC / Description	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
Grouping										
G901 Construction : Transportation Enhancement/Byway/Non-Traditional - (T9912901)										
2901	TIP:	\$1,192,664	\$0	\$0	\$0	\$2,530,374	\$0	\$0	\$0	\$3,723,038
	Obligated:	\$3,200	\$83,784	\$0	\$0	\$28,193	\$0	\$0	\$0	\$115,177
	Released:	(\$39,972)	(\$48,786)	\$0	\$0	\$0	\$0	\$0	\$0	(\$88,758)
Remaining:										\$3,607,861
G903 Maintenance : Preventive Maintenance and System Preservation - (T9912903)										
2903	TIP:	\$0	\$8,391,501	\$0	\$0	\$0	\$0	\$0	\$0	\$8,391,501
	Obligated:	\$0	\$4,235,359	\$0	\$0	\$0	\$0	\$0	\$0	\$4,235,359
Remaining:										\$4,156,142
G904 Maintenance : Preventive Maintenance for Bridges - (T9912904)										
2904	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
Remaining:										\$5,956,181
G905 Maintenance : Traffic and Safety Operations - (T9912905)										
2905	TIP:	\$0	\$2,398,108	\$0	\$0	\$0	\$0	\$0	\$0	\$2,398,108
	Obligated:	\$195,784	\$130,649	\$0	\$0	\$0	\$0	\$0	\$0	\$326,433
Remaining:										\$2,071,675
G906 Construction : Safety/ITS/Operational Improvements - (T9912906)										
2906	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

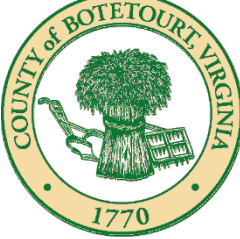
STIP Transactions

Roanoke MPO Study Area

Federal Obligated Funds: 10/01/2017 - 09/30/2018

Funding Source/Amount

Locality	UPC / Description	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
G907 Construction : Bridge Rehabilitation/Replacement/Reconstruction - (T9912907)										
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)



**Roanoke Valley Transportation
PLANNING ORGANIZATION**

Staffed by the
REGIONALcommission

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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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 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.

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

STIP Grouping Detail

Roanoke MPO Study Area
Federal Obligated Funds: 10/01/2018 - 09/30/2019

Funding Source/Amount

Locality	UPC / Description	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
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Bedford County T9912906 - Construction : Safety/ITS/Operational Improvements

Bedford County

114638 Install Flashing Beacons on Intersection Warning Signs - Route 644; Route 644 ()

0122	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Obligated:	\$0	\$2,700	\$0	\$0	\$0	\$0	\$0	\$0	\$2,700

Remaining: *

BEDFORD COUNTY SUBTOTAL

TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Obligated:	\$0	\$2,700	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,700
Released:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Remaining: *

Botetourt County

T9912904 - Maintenance : Preventive Maintenance for Bridges

Botetourt County

106838 BRIDGE REHAB - RTE. I-81 OVER TINKER CREEK (STR. 03228) - 2.32 Mi. Roanoke Co. Line; 0.79 Mi. Int. Rte. 220 (0.1000 MI)

0081	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
InCO	Obligated:	\$954,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$954,000

Remaining: *

Botetourt County

108316 INTERSTATE BRIDGE PAINTING OVER JAMES RIVER AND CSXRR - 2.45 MI. INT.RTE. 11; 2.70 MI. INT. RTE 11 (0.2500 MI)

0081	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
InCO	Obligated:	\$109,983	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$109,983

Remaining: *

T9912906 - Construction : Safety/ITS/Operational Improvements

Botetourt County

106737 #SGR FY17 SGR I-81 NB Bote. Co. Concrete Undersealing - MM 149.5 / S. END RAILROAD OVERPASS; SOUTH END OF RTE. 779 OVERPASS (2.1000 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: *

Botetourt County

103210 RTE. 220 Corridor - Replace 2 Narrow Structures - 0.239 Mi. North of Rte. 43; 0.630 Mi. South of Rte. 694 (0.9310 MI)

0220	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
InCO	Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Released:	\$0	(\$47,816)	\$0	\$0	\$0	\$0	\$0	\$0	(\$47,816)

Remaining: *

Locality	UPC / Description	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
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T9912907 - Construction : Bridge Rehabilitation/Replacement/Reconstruction

Botetourt County

77300	RTE. 11 OVER TINKER CREEK (STR 03166) - BRIDGE REPLACEMENT - 0.04 Mile North of Route 1039; 0.13 Mile North of Route 1039 (0.1100 MI)									
0011	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Obligated:	\$0	\$0	\$48,674	\$0	\$0	\$0	\$0	\$0	\$48,674
	Released:	\$0	(\$153,743)	\$0	\$0	\$0	(\$0)	\$0	\$0	(\$153,743)

Remaining: *

Botetourt County

77302	RTE. 11 OVER TINKER CREEK (STR. 3167) - BRIDGE REPLACEMENT - Route 838; 0.09 Mile North of Route 838 (0.0900 MI)									
0011	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Released:	\$0	(\$182,383)	\$0	\$0	\$0	\$0	\$0	\$0	(\$182,383)

Remaining: *

Botetourt County

90086	RTE. 738 OVER GLADE CREEK (STR. 03516 AND 03517) - BRDG REPL - Intersection Rte. 460; 0.339 Mile East of Intersection 460 (0.3390 MI)									
0738	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	(\$117,920)	\$0	\$0	(\$117,920)

Remaining: *

BOTETOURT COUNTY SUBTOTAL

TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Obligated:	\$1,063,983	\$0	\$48,674	\$0	\$0	\$0	\$0	\$0	\$0	\$1,112,657
Released:	(\$758,088)	(\$383,942)	\$0	\$0	\$0	\$0	(\$117,920)	\$0	\$0	(\$1,259,950)

Remaining: *

Multi-jurisdictional: Roanoke MPO

T9912901 - Construction : Transportation Enhancement/Byway/Non-Traditional

Multi-jurisdictional: Roanoke MPO

G992	CN: TRANSPORTATION ENHANCEMENT/BYWAY/OTHER NON-TRADITIONAL - (T18992)									
0000	TIP:	\$331,310	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$331,310
	Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Remaining: \$331,310

T9912906 - Construction : Safety/ITS/Operational Improvements

Multi-jurisdictional: Roanoke MPO

G999	CN: SAFETY/ITS/OPERATIONAL/IMPROVEMENTS - (T18999)									
0000	TIP:	\$1,813,202	\$1,050,000	\$0	\$0	\$0	\$0	\$0	\$0	\$2,863,202
	Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Remaining: \$2,863,202

Locality	UPC / Description	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
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T9912907 - Construction : Bridge Rehabilitation/Replacement/Reconstruction

Multi-jurisdictional: Roanoke MPO

0000 BRIDGE REHABILITATION/REPLACEMENT - (T19000)

TIP:	\$577,276	\$0	\$0	\$0	\$0	\$0	\$1,327,167	\$0	\$0	\$1,904,443
Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Remaining:										\$1,904,443

MULTI-JURISDICTIONAL ROANOKE MPO

TIP:	\$2,721,788	\$1,050,000	\$0	\$0	\$0	\$0	\$1,327,167	\$0	\$0	\$5,098,955
Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Released:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Remaining:										\$5,098,955

Roanoke

T9912901 - Construction : Transportation Enhancement/Byway/Non-Traditional

Roanoke

113568 Roanoke River Greenway Bridge across Barnhardt Creek - 200 ft E of Barnhardt Creek; 150 ft W of Barnhardt Creek ()

TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Obligated:	\$0	\$0	\$0	\$0	\$104,000	\$0	\$0	\$0	\$0	\$104,000
Remaining:										*

Roanoke

105439 Roanoke River Greenway (Bridge St to Aerial Way Dr) - RSTP - Bridge Street; Aerial Way Drive (0.5400 MI)

TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Released:	\$0	\$0	\$0	\$0	(\$374,533)	\$0	\$0	\$0	\$0	(\$374,533)
Remaining:										*

T9912904 - Maintenance : Preventive Maintenance for Bridges

Roanoke

106837 BRIDGE REHAB - RTE. I-581 OVER ORANGE AVE. (STR. 21742) - 2.83 Mi. Int. Rte. 101; 0.43 Mi. Int. Rte. 11 (0.1000 MI)

TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
InCO Obligated:	\$1,539,728	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,539,728
Remaining:										*

Locality	UPC / Description	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL	
T9912906 - Construction : Safety/ITS/Operational Improvements											
Roanoke											
	109558	Flashing Yellow Arrow Upgrade - Williamson Rd & Airport Rd - Williamson Road; Airport Road ()									
	0011	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	InCO	Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
		Released:	\$0	(\$10,231)	\$0	\$0	\$0	\$0	\$0	(\$10,231)	
										Remaining:	*
Roanoke											
	109562	Flashing Yellow Arrow Upgrade - Valley View - Valley View Blvd. NW; Valley View Ave. NW ()									
	0019	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	InCO	Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
		Released:	\$0	(\$10,257)	\$0	\$0	\$0	\$0	\$0	(\$10,257)	
										Remaining:	*
Roanoke											
	109567	Flashing Yellow Arrow Upgrade - Jefferson St. & Elm Ave. - Elm Avenue; Jefferson Street ()									
	0024	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	InCO	Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
		Released:	\$0	(\$16,319)	\$0	\$0	\$0	\$0	\$0	(\$16,319)	
										Remaining:	*
Roanoke											
	109566	Orange Avenue/ Blue Hills Signal Upgrade - City of Roanoke - Orange Avenue; Blue 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	(\$10,342)	
										Remaining:	*
Roanoke											
	109570	Orange Avenue/ Hollins Road Signal Upgrade - City of Roanoke - Route 460; Route 115 ()									
	0460	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
		Obligated:	\$0	\$330,712	\$0	\$0	\$0	\$0	\$0	\$330,712	
										Remaining:	*
Roanoke											
	113569	State Road 118 Tunnel Lighting Improvements - Airport Road Tunnel; N/A ()									
	0000	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
		Obligated:	\$0	\$0	\$0	\$0	\$80,000	\$0	\$0	\$80,000	
										Remaining:	*

Locality	UPC / Description	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
Roanoke										
	111360 Franklin Road Sidewalk Improvements- Rt. 220 B- Roanoke City - 3100 Block; 220 Franklin Rd Bypass (0.7600 MI)									
	0220 TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Obligated:	\$250,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$250,000
										Remaining: *
Roanoke										
	80558 RTE. U000 - CORRIDOR IMPROVEMENTS ON HERSHBERGER ROAD - Cove Road; Rutgers St. (0.0000 MI)									
	0558 TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	InCO Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Released:	\$0	(\$51,665)	\$0	\$0	\$0	\$0	\$0	\$0	(\$51,665)
										Remaining: *
Roanoke										
	111370 #SMART18 - Hollins Rd & Orange Ave Intersection Improvements - 0.2 Mi West of Int Orange Ave/Hollins Rd; Int Hollins Rd/Rhodes Ave (0.2000 MI)									
	0460 TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Obligated:	\$195,000	\$551,252	\$0	\$0	\$0	\$0	\$0	\$0	\$746,252
										Remaining: *
Roanoke										
	109569 Flashing Yellow Arrow Upgrade - Brandon Ave. & Colonial Ave. - Brandon Avenue; Colonial Avenue ()									
	8029 TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	InCO Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Released:	\$0	(\$10,275)	\$0	\$0	\$0	\$0	\$0	\$0	(\$10,275)
										Remaining: *
ROANOKE SUBTOTAL										
	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Obligated:	\$1,984,728	\$881,964	\$0	\$0	\$184,000	\$0	\$0	\$0	\$3,050,692
	Released:	\$0	(\$109,089)	\$0	\$0	(\$374,533)	\$0	\$0	\$0	(\$483,622)
										Remaining: *

Locality	UPC / Description	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
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Roanoke County

T9912901 - Construction : Transportation Enhancement/Byway/Non-Traditional

Roanoke County

111366	#SMART18 - Plantation Rd Bike/Ped/Streetscape Phase II - Walrond Drive; Gander Way (0.2000 MI)									
0115	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Obligated:	\$124,723	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$124,723
Remaining:										*

Roanoke County

113356	Roanoke River Greenway, Parkway Crossing - 3204 Highland Rd; 3404 Rutrough Rd ()									
0618	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Obligated:	\$6,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$6,000
Remaining:										*

Roanoke County

91191	Rnke River Grnwy - City of Roanoke to Blue Ridge Parkway - City of Roanoke; Rte 618 (Highland Rd) (2.6000 MI)									
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)	\$0	\$0	(\$1,826,629)	\$0	\$0	\$0	(\$2,152,667)
Remaining:										*

Roanoke County

103607	Roanoke Co., Plantation Road Streetscape Improvements - Williamson Road (Route 11); Gander Way / Friendship Ln (0.7200 MI)									
3607	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
InCO	Obligated:	\$540	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$540
Remaining:										*

Roanoke County

111317	#SMART20 - Williamson Road Sidewalk Improvements - Peters Creek Road; Plantation Road ()									
1317	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Obligated:	\$217,424	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$217,424
Remaining:										*

T9912903 - Maintenance : Preventive Maintenance and System Preservation

Roanoke County

106321	F-16 Plant Mix - Roanoke County - Primaries PM2K-080-F16 - Various; Various (8.1800 MI)									
6321	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
InCO	Obligated:	\$0	\$185,900	\$0	\$0	\$0	\$0	\$0	\$0	\$185,900
Remaining:										*

Roanoke County

106741	SR 115 Plant Mix - Roanoke County - Primary PM2P-080-F16 - NCL Roanoke; Willaimson Rd. (2.2000 MI)									
6741	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
InCO	Obligated:	\$0	\$818,400	\$0	\$0	\$0	\$0	\$0	\$0	\$818,400
Remaining:										*

Locality	UPC / Description	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
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T9912904 - Maintenance : Preventive Maintenance for Bridges

Roanoke County

105541	Latex Concrete Deck Overlay Bridge Maintenance Project - 3.58 Mi. to Rte. 419; 1.40 Mi. to Rte. 115 (0.3200 MI)									
0081	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
InCO	Obligated:	\$4,919,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4,919,000

Remaining: *

T9912906 - Construction : Safety/ITS/Operational Improvements

Roanoke County

99542	RTE. 81 - EXIT 140 Park 'N Ride Facility Expansion - Int Rte 1128 and Rte 1150; 0.17 Mi. West of Int Rte 1128 and 1150 (0.1700 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	(\$117,702)	\$0	\$0	\$0	(\$117,702)

Remaining: *

Roanoke County

108418	I-81 - INSTALL SIGNS WITH FLASHERS - Mile Marker 137.72; Mile Marker 138.18 (0.4600 MI)									
0081	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
InCO	Obligated:	\$0	\$3,947	\$0	\$0	\$0	\$0	\$0	\$0	\$3,947

Remaining: *

Roanoke County

108905	#HB2.FY17 Lila Dr / Rte 115 Intersection Safety Improvements - Lila Drive; Route 115 (Plantation Road) (0.1000 MI)									
0115	TIP:	\$85,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85,000
	Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Remaining: \$85,000

Roanoke County

107061	#HB2.FY17 Rte 419 Safety Improvements at Tanglewood - Route 419; Route 867 (0.6000 MI)									
0419	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Obligated:	\$602,617	\$0	\$0	\$0	\$0	\$0	\$175,742	\$0	\$778,359

Remaining: *

Locality	UPC / Description	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
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T9912907 - Construction : Bridge Rehabilitation/Replacement/Reconstruction

Roanoke County

77305	RTE. 116 OVER BACK CREEK (STR. 14928) - BRIDGE REPLACEMENT - 0.285 MILE SOUTH ROUTE 945; 0.584 MILE SOUTH ROUTE 945 (0.3100 MI)									
0116	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Obligated:	\$0	\$235,633	\$0	\$0	\$0	\$0	\$0	\$0	\$235,633
										Remaining: *

Roanoke County

82193	RTE. 220 OVER BACK CREEK (STR. 14935) - BRIDGE REPLACEMENT - 0.199 MI SOUTH OF ROUTE 657; 0.331 MI NORTH OF ROUTE 657 (0.5310 MI)									
0220	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Obligated:	\$10	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$10
	Released:	\$0	(\$11,606)	\$0	\$0	\$0	\$0	\$0	\$0	(\$11,606)
										Remaining: *

ROANOKE COUNTY SUBTOTAL

TIP:	\$85,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85,000
Obligated:	\$5,870,313	\$1,232,274	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$7,102,587
Released:	(\$104,238)	(\$233,406)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$337,644)
										Remaining: \$85,000

Salem

T9912901 - Construction : Transportation Enhancement/Byway/Non-Traditional

Salem

56409	CITY OF SALEM - CONSTRUCTION OF 7 MILE BICYCLE/PEDESTRIAN - Western limits of Green Hill Park, Roanoke County; Eastern corporate limits 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

111371	#SMART18 - Downtown Salem Int. & Streetscape Improvements - West Main St; East Main St ()									
0460	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Obligated:	\$302,489	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$302,489
										Remaining: *

Salem

109612	DOWNTOWN STREETScape AND INTERSECTION IMPROVEMENTS - West side of Broad St; East side of White Oak Alley (0.1000 MI)									
9612	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Obligated:	\$749,933	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$749,933
										Remaining: *

Locality	UPC / Description	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
T9912907 - Construction : Bridge Rehabilitation/Replacement/Reconstruction										
Salem										
	110574 #SGR - Apperson Drive Bridge Replacement - East Riverside Drive; Route 419 - Electric Road (0.0900 MI)									
	0011 TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Obligated:	\$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:	\$1,052,422	\$280,000	\$0	\$0	\$0	\$0	\$0	\$0	\$1,332,422
	Released:	(\$251,920)	(\$185,988)	\$0	\$0	\$0	\$0	\$0	\$0	(\$437,908)
		Remaining:								*
Salem District-wide										
T9912903 - Maintenance : Preventive Maintenance and System Preservation										
Salem District-wide										
	106306 F16 Districtwide Interstate Latex Schedule LM2A-962-F16 - various; various (8.5100 MI)									
	6306 TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	InCO Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$101,000	\$0	\$101,000
		Remaining:								*
Salem District-wide										
	106721 Plant Mix Roanoke and Botetourt Primaries - various; various (4.0700 MI)									
	6721 TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	InCO Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$738,000	\$0	\$738,000
		Remaining:								*
Salem District-wide										
	106727 FY16 BOA Districtwide Primary Latex LM20-962-F16 - Various; Various (16.7000 MI)									
	6727 TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	InCO Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$1,833,000	\$0	\$1,833,000
		Remaining:								*
Salem District-wide										
	106787 F16 PM Federal Sec Bote,Craig and Roanoke Co PM23-962 - Various; Various (7.8600 MI)									
	6787 TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	InCO Obligated:	\$0	\$94,799	\$0	\$0	\$0	\$0	\$835,901	\$0	\$930,700
		Remaining:								*
Salem District-wide										
	G722 STIP-MN Salem: Preventive MN and System Preservation - (T14722)									
	0000 TIP:	\$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 / Description	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
T9912904 - Maintenance : Preventive Maintenance for Bridges										
Salem District-wide										
	G721 STIP-MN Salem: Preventive MN for Bridges - (T14721)									
	0000 TIP:	\$0	\$6,666,723	\$0	\$0	\$0	\$3,495,402	\$0	\$0	\$10,162,125
	Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Remaining:										\$10,162,125
T9912905 - Maintenance : Traffic and Safety Operations										
Salem District-wide										
	106876 INTERSTATE 81 & 77 MARKING RETRACE - SALEM DISTRICT - VARIOUS; VARIOUS ()									
	9999 TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	InCO Obligated:	\$0	\$121,400	\$0	\$0	\$0	\$0	\$0	\$0	\$121,400
Remaining:										*
Salem District-wide										
	106877 REPLACE RPM LENSES - INTERSTATE 81, 581 & 77 - I-81 MM 87.4 ; I-77 MM 0; I-581 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
Remaining:										*
Salem District-wide										
	107981 Ground Mounted Sign Upgrades - FY 17 RSAs - Various; Various ()									
	9999 TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	InCO Obligated:	\$0	\$242,400	\$0	\$0	\$0	\$0	\$0	\$0	\$242,400
Remaining:										*
Salem District-wide										
	108297 FED ELIG. SECONDARY MARKING RETRACE - SALEM DISTRICT 2016 - Various; Various ()									
	9999 TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	InCO Obligated:	\$0	\$746,300	\$0	\$0	\$0	\$0	\$0	\$0	\$746,300
Remaining:										*
Salem District-wide										
	108333 Guardrail Upgrades for 2016 Paving Schedule - Salem Dist. - Various; 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 District-wide										
	106881 FED ELIG. SECONDARY MARKING RETRACE - SALEM DIST. FY16 - Various; Various ()									
	9999 TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	InCO Obligated:	\$0	\$762,000	\$0	\$0	\$0	\$0	\$0	\$0	\$762,000
Remaining:										*
Salem District-wide										
	G720 STIP-MN Salem: Traffic and Safety Operations - (T14720)									
	0000 TIP:	\$0	\$3,471,333	\$0	\$0	\$0	\$0	\$0	\$0	\$3,471,333
	Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Remaining:										\$3,471,333

Locality	UPC / Description	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
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T9912906 - Construction : Safety/ITS/Operational Improvements

Salem District-wide

108695 ADA COMPLIANCE SALEM DISTRICT - 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:	\$0	(\$27,408)	\$0	\$0	\$0	\$0	\$0	\$0	(\$27,408)

Remaining: *

Salem District-wide

105736 Roadway Departure Safety Countermeasures - 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:	\$0	(\$50,654)	\$0	\$0	\$0	\$0	\$0	\$0	(\$50,654)

Remaining: *

SALEM DISTRICT-WIDE SUBTOTAL

TIP:	\$0	\$38,837,884	\$0	\$0	\$0	\$3,495,402	\$0	\$0	\$42,333,286
Obligated:	\$0	\$3,025,099	\$0	\$0	\$0	\$0	\$3,507,901	\$0	\$6,533,000
Released:	\$0	(\$78,062)	\$0	\$0	\$0	\$0	\$0	\$0	(\$78,062)

Remaining: \$42,333,286

Vinton

T9912901 - Construction : Transportation Enhancement/Byway/Non-Traditional

Vinton

111649 Walnut Ave Bike/Ped Accommodations (5th St to Town limit) - 5th Street; Town Limits ()

9999	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Obligated:	\$0	\$0	\$0	\$0	\$116,000	\$0	\$0	\$0	\$116,000

Remaining: *

Vinton

109611 GLADE CREEK GREENWAY, PHASE 2 - Intersection of 5th St and Walnut Ave; Gus Nicks Blvd (0.7000 MI)

9611	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Obligated:	\$6,464	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$6,464

Remaining: *

Locality	UPC / Description	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
T9912906 - Construction : Safety/ITS/Operational Improvements										
Vinton	114766 PEDESTRIAN SIGNAL UPGRADES - TOWN OF VINTON - INT. VINYARD RD. AND HARDY RD. (LOC. 1); INT. WASHINGTON 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	93160 Rte. U000 - Walnut Ave. Int. Improvement at 8th St. - at 8th; Street (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
Greater Roanoke Transit Company								
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								
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

STIP Grouping Detail

Roanoke MPO Study Area

Federal Obligated Funds: 10/01/2018 - 09/30/2019

Funding Source/Amount

Locality	UPC / Description	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
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T9912901 - Construction : Transportation Enhancement/Byway/Non-Traditional

Roanoke

113568	Roanoke River Greenway Bridge across Barnhardt Creek - 200 ft E of Barnhardt Creek; 150 ft W of Barnhardt Creek ()									
0000	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Obligated:	\$0	\$0	\$0	\$0	\$104,000	\$0	\$0	\$0	\$104,000
Remaining:										*

Roanoke County

111366	#SMART18 - Plantation Rd Bike/Ped/Streetscape Phase II - Walrond Drive; Gander Way (0.2000 MI)									
0115	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Obligated:	\$124,723	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$124,723
Remaining:										*

Salem

56409	CITY OF SALEM - CONSTRUCTION OF 7 MILE BICYCLE/PEDESTRIAN - Western limits of Green Hill Park, Roanoke County; Eastern corporate limits 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

111371	#SMART18 - Downtown Salem Int. & Streetscape Improvements - West Main St; East Main St ()									
0460	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Obligated:	\$302,489	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$302,489
Remaining:										*

Multi-jurisdictional: Roanoke MPO

G992	CN: TRANSPORTATION ENHANCEMENT/BYWAY/OTHER NON-TRADITIONAL - (T18992)									
0000	TIP:	\$331,310	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$331,310
	Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Remaining:										\$331,310

Vinton

111649	Walnut Ave Bike/Ped Accommodations (5th St to Town limit) - 5th Street; Town Limits ()									
9999	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Obligated:	\$0	\$0	\$0	\$0	\$116,000	\$0	\$0	\$0	\$116,000
Remaining:										*

Roanoke

105439	Roanoke River Greenway (Bridge St to Aerial Way Dr) - RSTP - Bridge Street; Aerial Way Drive (0.5400 MI)									
0000	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	(\$374,533)	\$0	\$0	\$0	(\$374,533)
Remaining:										*

STIP Grouping Detail

Roanoke MPO Study Area

Federal Obligated Funds: 10/01/2018 - 09/30/2019

Funding Source/Amount

Locality	UPC / Description	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
Roanoke County										
	113356 Roanoke River Greenway, Parkway Crossing - 3204 Highland Rd; 3404 Rutrough Rd ()									
	0618 TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Obligated:	\$6,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$6,000
Remaining:										*
Roanoke County										
	91191 Rnke River Grnwy - City of Roanoke to Blue Ridge Parkway - City of Roanoke; Rte 618 (Highland Rd) (2.6000 MI)									
	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)	\$0	\$0	(\$1,826,629)	\$0	\$0	\$0	(\$2,152,667)
Remaining:										*
Roanoke County										
	103607 Roanoke Co., Plantation Road Streetscape Improvements - Williamson Road (Route 11); Gander Way / Friendship Ln (0.7200 MI)									
	3607 TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	InCO Obligated:	\$540	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$540
Remaining:										*
Roanoke County										
	111317 #SMART20 - Williamson Road Sidewalk Improvements - Peters Creek Road; Plantation Road ()									
	1317 TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Obligated:	\$217,424	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$217,424
Remaining:										*
Salem										
	109612 DOWNTOWN STREETSCAPE AND INTERSECTION IMPROVEMENTS - West side of Broad St; East side of White Oak Alley (0.1000 MI)									
	9612 TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Obligated:	\$749,933	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$749,933
Remaining:										*
Vinton										
	109611 GLADE CREEK GREENWAY, PHASE 2 - Intersection of 5th St and Walnut Ave; Gus Nicks Blvd (0.7000 MI)									
	9611 TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Obligated:	\$6,464	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$6,464
Remaining:										*
T9912901 - CONSTRUCTION : TRANSPORTATION ENHANCEMENT/BYWAY/NON-TRADITIONAL SUBTOTAL										
	TIP:	\$331,310	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$331,310
	Obligated:	\$1,407,573	\$0	\$0	\$0	\$220,000	\$0	\$0	\$0	\$1,627,573
	Released:	(\$356,158)	(\$407,788)	\$0	\$0	(\$2,201,162)	\$0	\$0	\$0	(\$2,965,108)
Remaining:										*

STIP Grouping Detail

Roanoke MPO Study Area

Federal Obligated Funds: 10/01/2018 - 09/30/2019

Funding Source/Amount

Locality	UPC / Description	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
T9912903 - Maintenance : Preventive Maintenance and System Preservation										
Salem District-wide										
106306	F16 Districtwide Interstate Latex Schedule LM2A-962-F16 - various; various (8.5100 MI)									
6306	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
InCO	Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$101,000	\$0	\$101,000
Remaining:										*
Roanoke County										
106321	F-16 Plant Mix - Roanoke County - Primaries PM2K-080-F16 - Various; Various (8.1800 MI)									
6321	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
InCO	Obligated:	\$0	\$185,900	\$0	\$0	\$0	\$0	\$0	\$0	\$185,900
Remaining:										*
Salem District-wide										
106721	Plant Mix Roanoke and Botetourt Primaries - various; various (4.0700 MI)									
6721	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
InCO	Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$738,000	\$0	\$738,000
Remaining:										*
Salem District-wide										
106727	FY16 BOA Districtwide Primary Latex LM20-962-F16 - Various; Various (16.7000 MI)									
6727	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
InCO	Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$1,833,000	\$0	\$1,833,000
Remaining:										*
Roanoke County										
106741	SR 115 Plant Mix - Roanoke County - Primary PM2P-080-F16 - NCL Roanoke; Willaimson Rd. (2.2000 MI)									
6741	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
InCO	Obligated:	\$0	\$818,400	\$0	\$0	\$0	\$0	\$0	\$0	\$818,400
Remaining:										*
Salem District-wide										
106787	F16 PM Federal Sec Bote,Craig and Roanoke Co PM23-962 - Various; Various (7.8600 MI)									
6787	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
InCO	Obligated:	\$0	\$94,799	\$0	\$0	\$0	\$0	\$835,901	\$0	\$930,700
Remaining:										*
Salem District-wide										
G722	STIP-MN Salem: Preventive MN and System Preservation - (T14722)									
0000	TIP:	\$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

STIP Grouping Detail

Roanoke MPO Study Area

Federal Obligated Funds: 10/01/2018 - 09/30/2019

Funding Source/Amount

Locality	UPC / Description	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
T9912903 - MAINTENANCE : PREVENTIVE MAINTENANCE AND SYSTEM PRESERVATION SUBTOTAL										
	TIP:	\$0	\$28,699,828	\$0	\$0	\$0	\$0	\$0	\$0	\$28,699,828
	Obligated:	\$0	\$1,099,099	\$0	\$0	\$0	\$0	\$3,507,901	\$0	\$4,607,000
	Released:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
								Remaining:		\$24,092,828

STIP Grouping Detail

Roanoke MPO Study Area

Federal Obligated Funds: 10/01/2018 - 09/30/2019

Funding Source/Amount

Locality	UPC / Description	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
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T9912904 - Maintenance : Preventive Maintenance for Bridges

Botetourt County

106838 BRIDGE REHAB - RTE. I-81 OVER TINKER CREEK (STR. 03228) - 2.32 Mi. Roanoke Co. Line; 0.79 Mi. Int. Rte. 220 (0.1000 MI)

0081	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
InCO	Obligated:	\$954,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$954,000

Remaining: *

Botetourt County

108316 INTERSTATE BRIDGE PAINTING OVER JAMES RIVER AND CSXRR - 2.45 MI. INT.RTE. 11; 2.70 MI. INT. RTE 11 (0.2500 MI)

0081	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
InCO	Obligated:	\$109,983	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$109,983

Remaining: *

Roanoke County

105541 Latex Concrete Deck Overlay Bridge Maintenance Project - 3.58 Mi. to Rte. 419; 1.40 Mi. to Rte. 115 (0.3200 MI)

0081	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
InCO	Obligated:	\$4,919,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4,919,000

Remaining: *

Roanoke

106837 BRIDGE REHAB - RTE. I-581 OVER ORANGE AVE. (STR. 21742) - 2.83 Mi. Int. Rte. 101; 0.43 Mi. Int. Rte. 11 (0.1000 MI)

0581	TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
InCO	Obligated:	\$1,539,728	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,539,728

Remaining: *

Salem District-wide

G721 STIP-MN Salem: Preventive MN for Bridges - (T14721)

0000	TIP:	\$0	\$6,666,723	\$0	\$0	\$0	\$3,495,402	\$0	\$0	\$10,162,125
	Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Remaining: \$10,162,125

T9912904 - MAINTENANCE : PREVENTIVE MAINTENANCE FOR BRIDGES SUBTOTAL

TIP:	\$0	\$6,666,723	\$0	\$0	\$0	\$3,495,402	\$0	\$0	\$10,162,125
Obligated:	\$7,522,711	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$7,522,711
Released:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Remaining: \$2,639,414

STIP Grouping Detail

Roanoke MPO Study Area

Federal Obligated Funds: 10/01/2018 - 09/30/2019

Funding Source/Amount

Locality	UPC / Description	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
T9912905 - Maintenance : Traffic and Safety Operations										
Salem District-wide										
	106876 INTERSTATE 81 & 77 MARKING RETRACE - SALEM DISTRICT - VARIOUS; VARIOUS ()									
	9999 TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	InCO Obligated:	\$0	\$121,400	\$0	\$0	\$0	\$0	\$0	\$0	\$121,400
Remaining:										*
Salem District-wide										
	106877 REPLACE RPM LENSES - INTERSTATE 81, 581 & 77 - I-81 MM 87.4 ; I-77 MM 0; I-581 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
Remaining:										*
Salem District-wide										
	107981 Ground Mounted Sign Upgrades - FY 17 RSAs - Various; Various ()									
	9999 TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	InCO Obligated:	\$0	\$242,400	\$0	\$0	\$0	\$0	\$0	\$0	\$242,400
Remaining:										*
Salem District-wide										
	108297 FED ELIG. SECONDARY MARKING RETRACE - SALEM DISTRICT 2016 - Various; Various ()									
	9999 TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	InCO Obligated:	\$0	\$746,300	\$0	\$0	\$0	\$0	\$0	\$0	\$746,300
Remaining:										*
Salem District-wide										
	108333 Guardrail Upgrades for 2016 Paving Schedule - Salem Dist. - Various; 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 District-wide										
	106881 FED ELIG. SECONDARY MARKING RETRACE - SALEM DIST. FY16 - Various; Various ()									
	9999 TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	InCO Obligated:	\$0	\$762,000	\$0	\$0	\$0	\$0	\$0	\$0	\$762,000
Remaining:										*
Salem District-wide										
	G720 STIP-MN Salem: Traffic and Safety Operations - (T14720)									
	0000 TIP:	\$0	\$3,471,333	\$0	\$0	\$0	\$0	\$0	\$0	\$3,471,333
	Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Remaining:										\$3,471,333

STIP Grouping Detail

Roanoke MPO Study Area

Federal Obligated Funds: 10/01/2018 - 09/30/2019

Funding Source/Amount

Locality	UPC / Description	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
T9912905 - MAINTENANCE : TRAFFIC AND SAFETY OPERATIONS SUBTOTAL										
	TIP:	\$0	\$3,471,333	\$0	\$0	\$0	\$0	\$0	\$0	\$3,471,333
	Obligated:	\$0	\$2,930,300	\$0	\$0	\$0	\$0	\$0	\$0	\$2,930,300
	Released:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
									Remaining:	\$541,033

STIP Grouping Detail

Roanoke MPO Study Area

Federal Obligated Funds: 10/01/2018 - 09/30/2019

Funding Source/Amount

Locality	UPC / Description	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
T9912906 - Construction : Safety/ITS/Operational Improvements										
Roanoke County										
	99542 RTE. 81 - EXIT 140 Park 'N Ride Facility Expansion - Int Rte 1128 and Rte 1150; 0.17 Mi. West of Int Rte 1128 and 1150 (0.1700 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	(\$117,702)	\$0	\$0	\$0	(\$117,702)
Remaining:										*
Roanoke County										
	108418 I-81 - INSTALL SIGNS WITH FLASHERS - Mile Marker 137.72; Mile Marker 138.18 (0.4600 MI)									
	0081 TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	InCO Obligated:	\$0	\$3,947	\$0	\$0	\$0	\$0	\$0	\$0	\$3,947
Remaining:										*
Botetourt County										
	106737 #SGR FY17 SGR I-81 NB Bote. Co. Concrete Undersealing - MM 149.5 / S. END RAILROAD OVERPASS; SOUTH END OF RTE. 779 OVERPASS (2.1000 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										
	109558 Flashing Yellow Arrow Upgrade - Williamson Rd & Airport Rd - Williamson Road; 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:										*
Roanoke										
	109562 Flashing Yellow Arrow Upgrade - Valley View - Valley 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										
	109567 Flashing Yellow Arrow Upgrade - Jefferson St. & Elm Ave. - Elm Avenue; Jefferson Street ()									
	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:										*

STIP Grouping Detail

Roanoke MPO Study Area

Federal Obligated Funds: 10/01/2018 - 09/30/2019

Funding Source/Amount

Locality	UPC / Description	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
Roanoke County										
	108905 #HB2.FY17 Lila Dr / Rte 115 Intersection Safety Improvements - Lila Drive; Route 115 (Plantation Road) (0.1000 MI)									
	0115 TIP:	\$85,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85,000
	Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
									Remaining:	\$85,000
Bedford County										
	114638 Install Flashing Beacons on Intersection Warning Signs - Route 644; Route 644 ()									
	0122 TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Obligated:	\$0	\$2,700	\$0	\$0	\$0	\$0	\$0	\$0	\$2,700
									Remaining:	*
Botetourt County										
	103210 RTE. 220 Corridor - Replace 2 Narrow Structures - 0.239 Mi. North of Rte. 43; 0.630 Mi. South of Rte. 694 (0.9310 MI)									
	0220 TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	InCO Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Released:	\$0	(\$47,816)	\$0	\$0	\$0	\$0	\$0	\$0	(\$47,816)
									Remaining:	*
Roanoke County										
	107061 #HB2.FY17 Rte 419 Safety Improvements at Tanglewood - Route 419; Route 867 (0.6000 MI)									
	0419 TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Obligated:	\$602,617	\$0	\$0	\$0	\$0	\$0	\$175,742	\$0	\$778,359
									Remaining:	*
Roanoke										
	109566 Orange Avenue/ Blue Hills Signal Upgrade - City of Roanoke - Orange Avenue; Blue Hills ()									
	0460 TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	InCO Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Released:	\$0	(\$10,342)	\$0	\$0	\$0	\$0	\$0	\$0	(\$10,342)
									Remaining:	*
Roanoke										
	109570 Orange Avenue/ Hollins Road Signal Upgrade - City of Roanoke - Route 460; Route 115 ()									
	0460 TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Obligated:	\$0	\$330,712	\$0	\$0	\$0	\$0	\$0	\$0	\$330,712
									Remaining:	*
Salem District-wide										
	108695 ADA COMPLIANCE SALEM DISTRICT - 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:	\$0	(\$27,408)	\$0	\$0	\$0	\$0	\$0	\$0	(\$27,408)
									Remaining:	*

STIP Grouping Detail

Roanoke MPO Study Area

Federal Obligated Funds: 10/01/2018 - 09/30/2019

Funding Source/Amount

Locality	UPC / Description	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
Vinton										
	114766 PEDESTRIAN SIGNAL UPGRADES - TOWN OF VINTON - INT. VINYARD RD. AND HARDY RD. (LOC. 1); INT. WASHINGTON 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:										*
Roanoke										
	113569 State Road 118 Tunnel Lighting Improvements - Airport Road Tunnel; N/A ()									
	0000 TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Obligated:	\$0	\$0	\$0	\$0	\$80,000	\$0	\$0	\$0	\$80,000
Remaining:										*
Roanoke										
	111360 Franklin Road Sidewalk Improvements- Rt. 220 B- Roanoke City - 3100 Block; 220 Franklin Rd Bypass (0.7600 MI)									
	0220 TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Obligated:	\$250,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$250,000
Remaining:										*
Roanoke										
	80558 RTE. U000 - CORRIDOR IMPROVEMENTS ON HERSHBERGER ROAD - Cove Road; Rutgers St. (0.0000 MI)									
	0558 TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	InCO Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Released:	\$0	(\$51,665)	\$0	\$0	\$0	\$0	\$0	\$0	(\$51,665)
Remaining:										*
Roanoke										
	111370 #SMART18 - Hollins Rd & Orange Ave Intersection Improvements - 0.2 Mi West of Int Orange Ave/Hollins Rd; Int Hollins Rd/Rhodes Ave (0.2000 MI)									
	0460 TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Obligated:	\$195,000	\$551,252	\$0	\$0	\$0	\$0	\$0	\$0	\$746,252
Remaining:										*
Vinton										
	93160 Rte. U000 - Walnut Ave. Int. Improvement at 8th St. - at 8th; Street (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:										*
Roanoke										
	109569 Flashing Yellow Arrow Upgrade - Brandon Ave. & Colonial Ave. - Brandon Avenue; Colonial Avenue ()									
	8029 TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	InCO Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Released:	\$0	(\$10,275)	\$0	\$0	\$0	\$0	\$0	\$0	(\$10,275)
Remaining:										*

STIP Grouping Detail

Roanoke MPO Study Area

Federal Obligated Funds: 10/01/2018 - 09/30/2019

Funding Source/Amount

Locality	UPC / Description	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
Salem District-wide										
	105736 Roadway Departure Safety Countermeasures - 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:	\$0	(\$50,654)	\$0	\$0	\$0	\$0	\$0	\$0	(\$50,654)
									Remaining:	*
Multi-jurisdictional: Roanoke MPO										
	G999 CN: SAFETY/ITS/OPERATIONAL/IMPROVEMENTS - (T18999)									
	0000 TIP:	\$1,813,202	\$1,050,000	\$0	\$0	\$0	\$0	\$0	\$0	\$2,863,202
	Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
									Remaining:	\$2,863,202
T9912906 - CONSTRUCTION : SAFETY/ITS/OPERATIONAL IMPROVEMENTS SUBTOTAL										
	TIP:	\$1,898,202	\$1,050,000	\$0	\$0	\$0	\$0	\$0	\$0	\$2,948,202
	Obligated:	\$1,047,617	\$910,661	\$0	\$0	\$80,000	\$0	\$175,742	\$0	\$2,214,020
	Released:	(\$758,088)	(\$239,152)	\$0	\$0	(\$117,702)	\$0	\$0	\$0	(\$1,114,941)
									Remaining:	\$734,182

STIP Grouping Detail

Roanoke MPO Study Area

Federal Obligated Funds: 10/01/2018 - 09/30/2019

Funding Source/Amount

Locality	UPC / Description	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
T9912907 - Construction : Bridge Rehabilitation/Replacement/Reconstruction										
Botetourt County										
	77300 RTE. 11 OVER TINKER CREEK (STR 03166) - BRIDGE REPLACEMENT - 0.04 Mile North of Route 1039; 0.13 Mile North of Route 1039 (0.1100 MI)									
	0011 TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Obligated:	\$0	\$0	\$48,674	\$0	\$0	\$0	\$0	\$0	\$48,674
	Released:	\$0	(\$153,743)	\$0	\$0	\$0	(\$0)	\$0	\$0	(\$153,743)
Remaining:										*
Botetourt County										
	77302 RTE. 11 OVER TINKER CREEK (STR. 3167) - BRIDGE REPLACEMENT - Route 838; 0.09 Mile North of Route 838 (0.0900 MI)									
	0011 TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Released:	\$0	(\$182,383)	\$0	\$0	\$0	\$0	\$0	\$0	(\$182,383)
Remaining:										*
Roanoke County										
	77305 RTE. 116 OVER BACK CREEK (STR. 14928) - BRIDGE REPLACEMENT - 0.285 MILE SOUTH ROUTE 945; 0.584 MILE SOUTH ROUTE 945 (0.3100 MI)									
	0116 TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Obligated:	\$0	\$235,633	\$0	\$0	\$0	\$0	\$0	\$0	\$235,633
Remaining:										*
Roanoke County										
	82193 RTE. 220 OVER BACK CREEK (STR. 14935) - BRIDGE REPLACEMENT - 0.199 MI SOUTH OF ROUTE 657; 0.331 MI NORTH OF ROUTE 657 (0.5310 MI)									
	0220 TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Obligated:	\$10	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$10
	Released:	\$0	(\$11,606)	\$0	\$0	\$0	\$0	\$0	\$0	(\$11,606)
Remaining:										*
Salem										
	110574 #SGR - Apperson Drive Bridge Replacement - East Riverside Drive; Route 419 - Electric Road (0.0900 MI)									
	0011 TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Obligated:	\$0	\$280,000	\$0	\$0	\$0	\$0	\$0	\$0	\$280,000
Remaining:										*
Botetourt County										
	90086 RTE. 738 OVER GLADE CREEK (STR. 03516 AND 03517) - BRDG REPL - Intersection Rte. 460; 0.339 Mile East of Intersection 460 (0.3390 MI)									
	0738 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	(\$117,920)	\$0	\$0	(\$117,920)
Remaining:										*

STIP Grouping Detail

Roanoke MPO Study Area

Federal Obligated Funds: 10/01/2018 - 09/30/2019

Funding Source/Amount

Locality	UPC / Description	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
Multi-jurisdictional: Roanoke MPO										
	G000 BRIDGE REHABILITATION/REPLACEMENT - (T19000)									
	0000 TIP:	\$577,276	\$0	\$0	\$0	\$0	\$1,327,167	\$0	\$0	\$1,904,443
	Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
										Remaining: \$1,904,443
<hr/>										
	T9912907 - CONSTRUCTION : BRIDGE REHABILITATION/REPLACEMENT/RECONSTRUCTION SUBTOTAL									
	TIP:	\$577,276	\$0	\$0	\$0	\$0	\$1,327,167	\$0	\$0	\$1,904,443
	Obligated:	\$10	\$515,633	\$48,674	\$0	\$0	\$0	\$0	\$0	\$564,317
	Released:	\$0	(\$347,732)	\$0	\$0	\$0	(\$117,921)	\$0	\$0	(\$465,653)
										Remaining: \$1,340,126
<hr/>										
	MPO 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

APPENDIX B: Grouped Projects

STIP Transactions

Roanoke MPO Study Area

Federal Obligated Funds: 10/01/2018 - 09/30/2019

Funding Source/Amount

Locality	UPC / Description	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
Interstate										
Roanoke County										
	110395 #HB2.FY17 I-81 AUX LANE FROM EXIT 141 TO 143 DEBT SERVICE - ()									
	0081 TIP:	\$439,024	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$439,024
	Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Remaining:										\$439,024
<hr/>										
INTERSTATE SUBTOTAL										
	TIP:	\$439,024	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$439,024
	Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Released:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Remaining:										\$439,024

STIP Transactions

Roanoke MPO Study Area

Federal Obligated Funds: 10/01/2018 - 09/30/2019

Funding Source/Amount

Locality	UPC / Description	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
Primary										
Roanoke County										
17698	RTE 11/460 - Widen to 4-LN w/curb, gutter, and raised median - .055 MI. E. OF WCL SALEM; 0.10 MILE WEST ROUTE 830 (2.1880 MI)									
0011	TIP:	\$0	\$0	\$33,361	\$0	\$0	\$31,761	\$0	\$0	\$65,122
InCO	Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Remaining:										\$65,122
PRIMARY SUBTOTAL										
	TIP:	\$0	\$0	\$33,361	\$0	\$0	\$31,761	\$0	\$0	\$65,122
	Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Released:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Remaining:										\$65,122

STIP Transactions

Roanoke MPO Study Area

Federal Obligated Funds: 10/01/2018 - 09/30/2019

Funding Source/Amount

Locality	UPC / Description	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
Urban										
Roanoke										
	688	13TH STREET AND HOLLINS ROAD - JAMISON AVE; .08 MILE NORTH INT. ORANGE AVENUE (0.9790 MI)								
	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	\$314,938
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	\$314,938
	Released:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Remaining:										*

STIP Transactions

Roanoke MPO Study Area

Federal Obligated Funds: 10/01/2018 - 09/30/2019

Funding Source/Amount

Locality	UPC / Description	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
Secondary										

0 No projects identified in the MPO Area

TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Remaining:										*

TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Released:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Remaining:										*

STIP Transactions

Roanoke MPO Study Area

Federal Obligated Funds: 10/01/2018 - 09/30/2019

Funding Source/Amount

Locality	UPC / Description	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
Miscellaneous										
0	No projects identified in the MPO Area									
	TIP:	\$0	\$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:										*

STIP Transactions

Roanoke MPO Study Area

Federal Obligated Funds: 10/01/2018 - 09/30/2019

Funding Source/Amount

Locality	UPC / Description	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
Public Transportation										

0 No projects identified in the MPO Area

TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Remaining:										*

TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Released:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Remaining:										*

STIP Transactions

Roanoke MPO Study Area

Federal Obligated Funds: 10/01/2018 - 09/30/2019

Funding Source/Amount

Locality	UPC / Description	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
Rail										

0 No projects identified in the MPO Area

TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Remaining:										*

TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Released:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Remaining:										*

STIP Transactions

Roanoke MPO Study Area

Federal Obligated Funds: 10/01/2018 - 09/30/2019

Funding Source/Amount

Locality	UPC / Description	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
Enhancement										

0 No projects identified in the MPO Area

TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Remaining:										*

TIP:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Obligated:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Released:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Remaining:										*

STIP Transactions

Roanoke MPO Study Area

Federal Obligated Funds: 10/01/2018 - 09/30/2019

Funding Source/Amount

Locality	UPC / Description	NHS/NHP	STP/STBG	EB/MG	CMAQ	RSTP	BROS	DEMO	SAFE	TOTAL
Grouping										
G901 Construction : Transportation Enhancement/Byway/Non-Traditional - (T9912901)										
2901	TIP:	\$331,310	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$331,310
	Obligated:	\$1,407,573	\$0	\$0	\$0	\$220,000	\$0	\$0	\$0	\$1,627,573
	Released:	(\$356,158)	(\$407,788)	\$0	\$0	(\$2,201,162)	\$0	\$0	\$0	(\$2,965,108)
Remaining:										*
G903 Maintenance : Preventive Maintenance and System Preservation - (T9912903)										
2903	TIP:	\$0	\$28,699,828	\$0	\$0	\$0	\$0	\$0	\$0	\$28,699,828
	Obligated:	\$0	\$1,099,099	\$0	\$0	\$0	\$0	\$3,507,901	\$0	\$4,607,000
Remaining:										\$24,092,828
G904 Maintenance : Preventive Maintenance for Bridges - (T9912904)										
2904	TIP:	\$0	\$6,666,723	\$0	\$0	\$0	\$3,495,402	\$0	\$0	\$10,162,125
	Obligated:	\$7,522,711	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$7,522,711
Remaining:										\$2,639,414
G905 Maintenance : Traffic and Safety Operations - (T9912905)										
2905	TIP:	\$0	\$3,471,333	\$0	\$0	\$0	\$0	\$0	\$0	\$3,471,333
	Obligated:	\$0	\$2,930,300	\$0	\$0	\$0	\$0	\$0	\$0	\$2,930,300
Remaining:										\$541,033
G906 Construction : Safety/ITS/Operational Improvements - (T9912906)										
2906	TIP:	\$1,898,202	\$1,050,000	\$0	\$0	\$0	\$0	\$0	\$0	\$2,948,202
	Obligated:	\$1,047,617	\$910,661	\$0	\$0	\$80,000	\$0	\$175,742	\$0	\$2,214,020
	Released:	(\$758,088)	(\$239,152)	\$0	\$0	(\$117,702)	\$0	\$0	\$0	(\$1,114,941)
Remaining:										\$734,182
G907 Construction : Bridge Rehabilitation/Replacement/Reconstruction - (T9912907)										
2907	TIP:	\$577,276	\$0	\$0	\$0	\$0	\$1,327,167	\$0	\$0	\$1,904,443
	Obligated:	\$10	\$515,633	\$48,674	\$0	\$0	\$0	\$0	\$0	\$564,317
	Released:	\$0	(\$347,732)	\$0	\$0	\$0	(\$117,921)	\$0	\$0	(\$465,653)
Remaining:										\$1,340,126

STIP Transactions

Roanoke MPO Study Area

Federal Obligated Funds: 10/01/2018 - 09/30/2019

Funding Source/Amount

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