

**TRI-CITIES AREA  
TRANSPORTATION IMPROVEMENT  
PROGRAM**

**Fiscal Years 2015 - 2018**

**May 2014**

## **Acknowledgements**

This document has been prepared by the Crater Planning District Commission staff on behalf of the Tri-Cities Metropolitan Planning Organization (MPO) in cooperation with the Virginia Department of Transportation, the Virginia Department of Rail and Public Transportation, Petersburg Area Transit, the cities of Petersburg, Colonial Heights, Hopewell, and the counties of Prince George, Dinwiddie and Chesterfield.

This document reflects the views of the Tri-Cities Area Metropolitan Planning Organization (MPO). Project scheduling and financial information presented in this document has been provided by the Virginia Department of Transportation and the Virginia Department of Rail and Public Transportation. The contents do not necessarily reflect the official views or policies of the Federal Highway Administration, the Federal Transit administration, the Virginia Department of Transportation or the Virginia Department of Rail and Public Transportation. This document does not constitute a standard, specification or regulation. Acceptance of this document by either the Federal Highway Administration or the Virginia Department of Transportation as fulfillment of the objectives of this metropolitan transportation planning requirement 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.

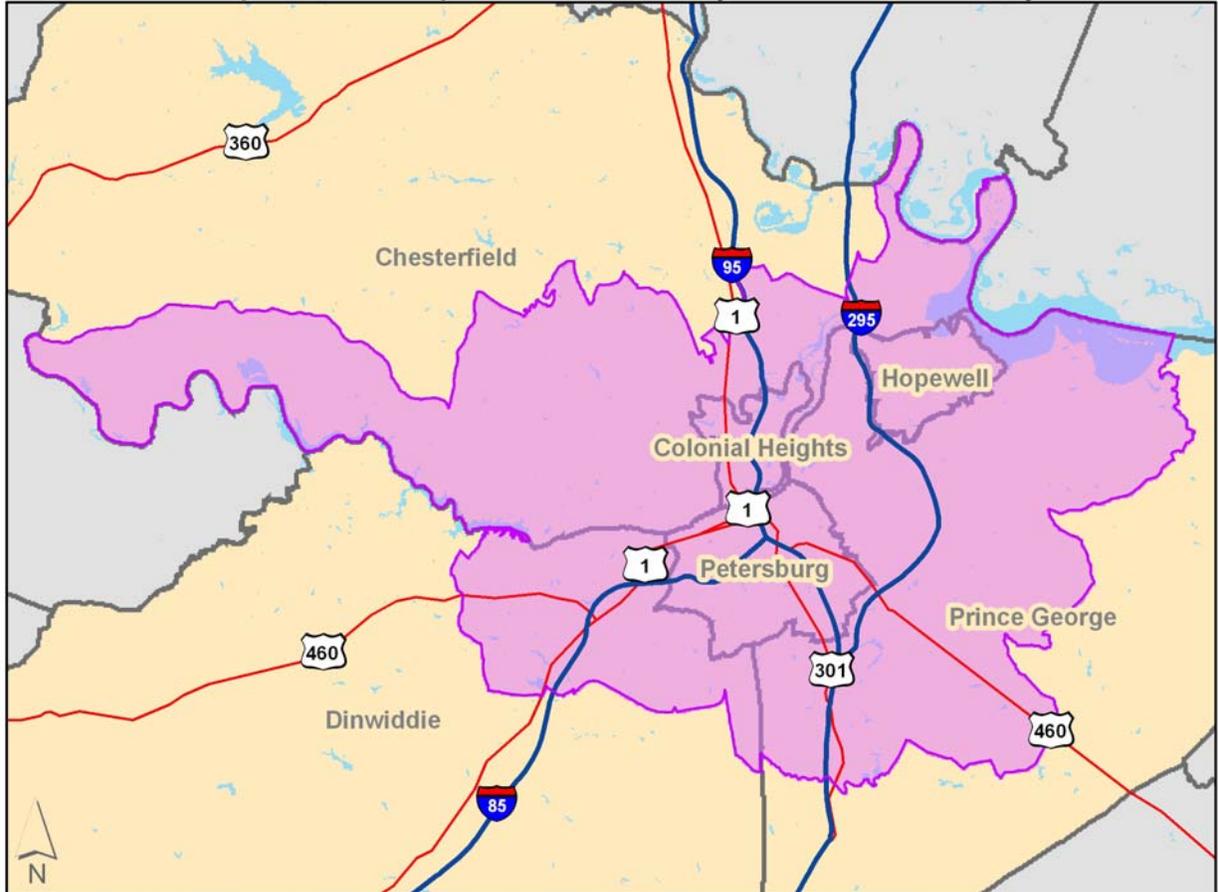
## **Non-Discrimination**

The Tri-Cities MPO fully complies with Title VI of the Civil Rights act of 1964 and related statues and regulations in all programs and activities. For more information on MPO Title VI compliance see [www.craterpdc.org](http://www.craterpdc.org) or call 804-861-1666.

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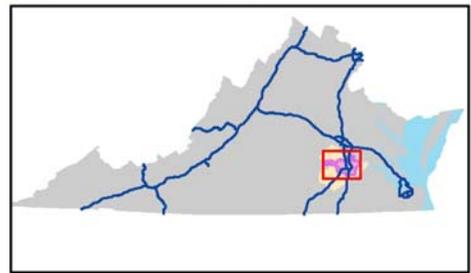
# Map 1: Transportation Study Area Boundary



**Legend**

- Interstate (Blue line with shield)
- US Highway (Red line with shield)
- Tri-Cities MPO Study Area (Purple shaded area)
- Water (Blue wavy area)
- MPO Jurisdictions (Yellow shaded area)
- Other Jurisdictions (Grey shaded area)

0 2 4 8 12 Miles



## **INTRODUCTION**

The Tri-Cities Area, as shown in Figure 1, is comprised of the cities of Petersburg, Hopewell, Colonial Heights and portions of the counties of Prince George, Dinwiddie, and southern Chesterfield. The Tri-Cities Metropolitan Planning Organization (MPO) prepares the metropolitan Transportation Improvement Program (TIP) pursuant to federal metropolitan transportation planning and programming regulations contained in Public Law 112-141 the Moving Ahead for Progress in the 21<sup>st</sup> Century (MAP-21). The Tri-Cities MPO study area is within the Richmond, VA Urbanized Area. The 2010 U.S. Census indicated the Richmond, VA Urbanized Area had a population of 953,556 persons with approximately 129,070 or 13.5% residing within the Tri-Cities MPO study area.

The Tri-Cities Area FY 2016 – FY 2019 TIP is a listing of highway, transit and multi-modal improvement projects or project phases expected to receive federal obligation funding over the next four-year period in the Tri-Cities portion of the Richmond, VA Urbanized Area. The metropolitan TIP is endorsed by the Tri-Cities Area Metropolitan Planning Organization (MPO) and is consistent with the adopted metropolitan transportation plan. The Commonwealth Transportation Board (CTB), Petersburg Area Transit (PAT) and the Tri-Cities Area MPO contributed towards the development of financial forecast for the TIP based on the latest official planning assumptions and estimates of revenue(s) and cost(s). Financial information is provided by funding category for the projects listed and expected to be implemented during the 4-year period beginning Fiscal Year 2016. Some projects listed in the TIP may show \$0 for planned obligations. Reasons for this occurrence may include the following:

- Project is complete and awaiting closeout;
- Subsequent phases beyond 4 years remain to be completed;
- Information only, funding being pursued;
- Project to be funded from [category] group funding.

In addition to construction projects, financial projections have been prepared 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; moving; 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.).

## **FEDERAL TRANSPORTATION IMPROVEMENT FUNDING PROGRAMS**

The TIP funding summary tables (Table C and supplement C-1) located near the end of this document summarize by year and by funding program the revenue amounts estimated and committed for fiscal years 2015-2018. These tables include 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 or project phase during the programmed year of the TIP. The following narrative provides a general overview of funding programs utilized in the development of the TIP.

In July of 2012, a two-year federal surface transportation bill was signed into law called *Moving Ahead for Progress in the 21<sup>st</sup> Century (MAP-21)*. MAP-21 changed a number of transportation improvement funding programs. Major federal surface transportation funding programs related to the provision of financial resources for potential future transportation improvement projects in the Tri-Cities include the following:

*The National Highway Performance Program (NHPP)* includes the interstate highways, all principal arterials and major intermodal transportation facilities, and the network of highways serving national defense and connectors to major military installations.

*The Surface Transportation Program (STP)* funding is targeted for projects to preserve or improve conditions and performance on any Federal-aid highway, bridge projects on any public road, facilities for non-motorized transportation, transit capital projects and public bus terminals and facilities. The Tri-Cities MPO is sub-allocated approximately \$2.4m annually in the Regional Surface Transportation Program (RSTP) funding for regionally prioritized improvement projects.

*The Highway Safety Improvement Program (HSIP)* continues the federal requirement that State highway safety plans demonstrate safety improvement on all public roads by focusing on data driven performance measures.

*The Congestion Mitigation and Air Quality Improvement Program (CMAQ)* funding is continued under MAP-21 for eligible transportation projects that reduce congestion and improve air quality for areas that either do not meet attain national ambient air quality standards for ozone, carbon monoxide, or particulate matter and called nonattainment areas as well as former nonattainment areas that are in compliance with national air quality standards and called maintenance areas. The Tri-Cities MPO is sub-allocated approximately \$1.3m annually in CMAQ funds for regionally prioritized improvement projects.

MAP-21 established a new funding program called *Transportation Alternatives Program (TAP)* with funding from the NHPP, STP, HSIP, CMAQ and Metropolitan Planning programs. TAP includes most improvements previously funded under Transportation Enhancement, Recreational Trails, and Safe Routes to School program under the previous federal legislation. The Tri-Cities MPO is currently being sub-allocated approximately \$151,000 annually in federal and State funds under the TAP program. Under MAP-21, several changes were made for the federal transit funding programs. These changes include the creation of Section 5339 for capital funding for bus replacement and bus equipment related purchases and bus related facilities. The focus of the Section 5309 capital program is for new and expanded rail, bus rapid transit, and ferry systems that reflect local priorities to improve transportation options in key corridors.

Section 5324 created a new program to assist transit properties with emergency-related expenses related to natural disasters or a nationally declared emergency. Capital projects to protect, repair, reconstruct, or replace equipment and facilities can be funded under this program.

MAP-21 established a new discretionary pilot program for transit-oriented development (TOD) planning grants. Eligible activities include comprehensive planning in corridors with eligible projects defined as a new fixed guide-way capital project or core capacity improvement project with elements including

substantial transit stations; signal priority/pre-emption; low floor/level boarding vehicles; special branding of service; frequent service defined as 10 minute peak/15 minute off peak; and, service offered at least 14 hours per day.

Several previous transit funding programs were consolidated under MAP-21. The Urbanized Area Formula Grants (Section 5307) Program uses a formula to distribute funds to urbanized areas over 50,000 in population for public transportation capital, planning, job access and reverse commute project, as well as operating expenses. The 5307 program has been consolidated with the former Job Access and Reverse Commute (JARC) program. This program can be used to fund operating assistance with a 50 percent local match for job access and reverse commute activities. Transit system operating fewer than 75 or fewer buses can use up to 75 percent of their allocated Section 5307 funds for public transportation operating projects. The Tri-Cities Area forms the southern portion of the Richmond, Virginia urbanized area. The Richmond urbanized area was estimated during the 2010 U.S. Census as having an urban area population of 953,556.

The Section 5311 Program provides capital, planning and operating assistance for eligible public transportation projects, including job access and reverse commute projects, in rural or non-urbanized areas less than 50,000 in population.

The 5310 Program provides funding to States for eligible projects that increase the mobility of seniors and persons with disabilities. This is the former Section 5317 New Freedom Program.

## **Metropolitan Transportation Improvement Program (TIP) Development Process**

Prioritized projects selected for inclusion in the metropolitan TIP are drawn from the regional transportation plan. The MPO, State and local transit operator participate in the metropolitan transportation planning process and participate in the development of the TIP. In addition, under MAP-21 future regional transportation plans and transportation improvement programs are required to demonstrate how funded transportation improvements make progress towards established performance measures and goals. Specific federal criteria for evaluating the MAP-21 required performance based plans and programs are under development. National performance goals established by MAP-21 include safety, infrastructure condition, congestion reduction, system reliability, freight movement and economic vitality, environmental sustainability and reduced project deliver delays.

Projects listed in the metropolitan TIP with federal obligations include information on estimated project cost, federal obligation amount and a tentative implementation schedule by project phase. Opportunity for public input on transportation improvement needs and project development are available. The Tri-Cities MPO has an adopted Public Participation Process. This process includes the use of a website, an annual public meeting, placing draft transportation plans and program documents in public libraries and newspaper advertisements. The public meeting and comment period provide opportunities for citizens to identify transportation needs in the metropolitan area. The Metropolitan Planning Organization (MPO) considers citizen comments received during the public meeting or written comments received during the advertisement period. At the local level, local governments conduct periodic public meetings related to development of local comprehensive plans; six-year secondary Improvement programs and the metropolitan transit development plan. Public comments received during these meetings are considered by the MPO membership. At the State level, the Commonwealth Transportation Board con-

ducts a series of annual public hearings throughout the Commonwealth in order to obtain public input on transportation needs and priorities.

After the metropolitan TIP is endorsed by the MPO, the document is forwarded to the Commonwealth Transportation Board for inclusion in the Statewide Transportation Improvement Program (STIP). Individual projects are advanced for federal authorization and are usually implemented by the State and/or local governments, as scheduled. Projects selected for inclusion in the Tri-Cities FY 2015 – FY 2018 TIP are drawn from the financially constrained metropolitan transportation plan. Examples of projects included in the FY12 – FY15 TIP, adopted June 2011 and currently being implemented include UPC 52434 - Route 1 – left turn lanes from Westover to Windsor; Route 1/Route 226 - UPC 73268 intersection improvement; Route 226/Route 600 - UPC 80993 roundabout construction; and, Route 36 & Lee Gate improvements – UPC . Examples of projects included in the FY12 – FY15 TIP but not advancing as scheduled because of changes in project scope, insufficient funding or other considerations include Rives Road improvement - UPC 15832 and, Route 629 & Route 460 intersection improvement – UPC 82849.

The periodic update of a transit development plan (TDP) for fixed-route service provides a multi-year perspective on transit capital and operating needs for the metropolitan area. Mass transit capital and operating improvement projects are developed for the TDP by Petersburg Area Transit (PAT). PAT is a federally designated recipient for Section 5307 funds in the Richmond, VA Urbanized Area. The recommendations of the TDP update are incorporated into the long-range Transportation Plan as the transit element. The 2010 TDP update for the Tri-Cities Area was adopted by the MPO in January 2011. Mass transit projects are selected from the TDP by the Petersburg City Council and the Tri-Cities Area MPO – Policy Committee for inclusion in the metropolitan TIP. The criteria used to select transit projects from previous TDPs in the Tri-Cities Area included the following:

- 1) availability of public and/or private financial support for subsidizing annual operating deficits;
- 2) availability of public and/or private financial support for capitalizing metropolitan transit services;
- 3) individual local government acceptance that anticipated non-farebox revenues will be at a sufficient level to justify support for the expenditure of local funds for fixed route transit service;
- 4) compliance with the Americans With Disabilities Act;
- 5) identification of a demographic trend or citizen survey which may indicate a need for expanded transit service; and
- 6) citizen and private sector input obtained from the metropolitan public involvement process and/or public hearings conducted by the City of Petersburg related to PAT operations.

### **Air Quality Conformity**

In previous years, the U.S. Environmental Protection Agency determined the cities of Colonial Heights, Hopewell, Petersburg and the counties of Chesterfield and Prince George exceeded the applicable national standard for ground level ozone. These jurisdictions are currently classified as maintenance under the 8 - hour federal ozone standard. The Clean Air Act Amendments (CAAA) of 1990 contains provisions that require consistency in mobile source emissions resulting from implementation of the metropolitan transportation plans and programs with the State Implementation Plan for air quality. The CAAA and the transportation conformity regulations require the preparation of documentation supporting the finding that the implementation of projects listed in transportation plans and programs will not

exceed the mobile source emission budget contained in the State Implementation Plan. VDOT and/or its project consultant evaluate air quality impacts of transportation projects listed in the TIP and the long-range transportation plan. This analysis documents the air quality impacts of proposed transportation improvement projects and compares these impacts with the allowable or budgeted mobile source emissions identified in the State Implementation Plan for air quality. The result of this analysis receives public review prior to action on the metropolitan TIP by the Tri-Cities Area MPO – Policy Committee. VDOT has completed an analysis of the FY 2012 – FY 2015 TIP and 2035 Transportation Plan indicating projects contained in these documents are consistent with the mobile source budget contained in the State Implementation Plan.

### **Project Selection and Prioritization – Interstate Maintenance, Bridge, National Highway System, Statewide STP, Safety, Enhancement**

The Commonwealth Transportation Board (CTB) has the lead responsibility for selecting and programming of federally funded Interstate Maintenance, Bridge, National Highway System, Statewide STP, Safety, Enhancement, and FTA Section 5310 projects. Local governments have input on selecting projects within the urban and secondary roadway systems. The CTB adopts the Six-Year Improvement Program on an annual basis. The Six-Year Improvement Program (SYIP) and the Secondary Six-Year Improvement Program (SSYIP) are developed by evaluation of existing facilities and determination of 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 improvement program are updated to reflect the latest revenue estimates, project costs, changes in priorities, and federal and state regulations. Criteria used by the CTB for allocating statewide discretionary funds for the FY2015 – 2020 SYIP include the following:

Fund deficits on underway project phases

Maximize use of federal funds to meet federal strategy

Fund underway project phases as well as project phases that start in the current federal fiscal year

Fund deficient bridges and paving projects

Fund capacity expansion projects

### **Project Selection and Prioritization – Congestion Mitigation Air Quality (CMAQ) and Regional Surface Transportation Program (RSTP)**

CMAQ and RSTP projects are selected by the Tri-Cities Area MPO. The Commissioner for the Richmond District of the Commonwealth Transportation Board exercises an oversight role regarding the selection of CMAQ projects in the Tri-Cities Area. The procedure for selecting and prioritizing includes the development of candidate project lists for each program by the MPO - Technical Committee. Background information, including current and future volume/capacity and Level of Service are assembled to profile each candidate project. A numeric rating procedure is used to rate each candidate project under the CMAQ and RSTP programs. The results of the ratings are reported to the MPO - Policy Committee for consideration. The results of the project ratings, based on established criteria, are the basis of MPO – Technical Committee recommendations to the MPO – Policy Committee.

The rating factors considered in the Tri-Cities Area metropolitan planning process for selecting CMAQ projects include the following:

- traffic flow improvement potential;
- potential number of vehicles or transit riders served;

- local/private funding and/or in-kind contribution; and
- benefit/cost.

The rating factors considered in the Tri-Cities Area metropolitan planning process for selecting RSTP projects include the following:

- 1) support the economic vitality of the metropolitan area;
- 2) increase the safety and security of the transportation system;
- 3) increase the accessibility and mobility options available to people and for freight;
- 4) protect and enhance the environment, promote energy conservation, and improve quality of life;
- 5) enhance the integration and connectivity of the transportation system, across and between modes, for people and freight;
- 6) promote efficient system management and operation;
- 7) emphasize the preservation of existing transportation system; and
- 8) benefit/cost.

The MPO - Policy Committee considers the recommendations of the MPO - Technical Advisory Committee in the selection CMAQ and RSTP projects. The MPO has given special consideration to new transportation needs resulting from the 2005 U.S. Base Realignment and Closure Commission (BRAC) regarding the expansion of Fort Lee and the current expansion activity at Virginia State University. After consideration of newly identified improvement needs, several priority roadway and intersection projects related to Fort Lee expansion have been advanced for either RSTP or CMAQ funding, involving the Sisisky Gate, Mahone Gate, Lee Gate and Shop Road Gate. Prior to the 2005 BRAC action many of the Fort Lee expansion transportation improvement needs that were prioritized by the MPO were not previously identified as improvement needs in the metropolitan transportation plan.

Examples of projects completed since adoption of the previous TIP include the River Road (UPC 15832) widening project in Hopewell and the Route 106 (UPC 52506) roundabout at Allin Road in Prince George.

An example of a project that has been delayed in the Tri-Cities since adoption of the previous TIP includes the safety/operations improvement project at Route 460 and Rives Road (UPC 82849). While this project remains a priority, it has been delayed because the project area may be impacted by the Route 460 PPTA project under provision of the Virginia Public/Private Transportation Act of 1995. The State is currently preparing a Supplemental Environmental Impact Statement (SEIS) for this project.

**Table A – Highway Projects**  
**Tri-Cities Metropolitan Planning Organization**  
**Interstate**

UPC NO	85623	SCOPE	Safety		
SYSTEM	Interstate	JURISDICTION	Colonial Heights	OVERSIGHT	FO

PROJECT	RTE 95 - INTERCHANGE IMPROVEMENT/ ROUNDABOUT				ADMIN BY	VDOT
DESCRIPTION	FROM: 0.041 MI W HAMILTON AVE TO: 0.069 MI E EXISTING I-95 RAMP (0.3690 MI)					
ROUTE/STREET	TEMPLE AVE (0095)				TOTAL COST	\$20,048,717
	FUND SOURCE	MATCH	FY15	FY16	FY17	FY18
PE	Federal - NH	\$28,580	\$114,319	\$0	\$0	\$0
RW	Federal - NHPP		\$4,734,774	\$0	\$0	\$0
CN	Federal - NH	\$0	\$331,339	\$0	\$0	\$0
	Federal - NHPP	\$0	\$223,559	\$0	\$0	\$0
	Federal - STP/F	\$0	\$0	\$0	\$1,907,608	\$0
CN TOTAL		\$0	\$554,898	\$0	\$1,907,608	\$0
CN AC	Federal - AC	\$0	\$10,347,504	\$0	\$0	\$0
MPO Note						

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### Primary Projects

UPC NO	90367	SCOPE	Safety			
SYSTEM	Primary	JURISDICTION	Chesterfield County		OVERSIGHT	NFO
PROJECT	RTE 1 - INSTALL NB RTL				ADMIN BY	VDOT
DESCRIPTION	FROM: 0.10 MI S RTE 620 (WOODS EDGE RD) TO: RTE 620 (WOODS EDGE RD) (0.1000 MI)					
ROUTE/STREET	JEFFERSON DAVIS HIGHWAY (0001)				TOTAL COST	\$776,106
	FUND SOURCE	MATCH	FY15	FY16	FY17	FY18
RW	Federal - CM	\$60,000	\$240,000	\$0	\$0	\$0
CN	Federal - CM	\$66,621	\$266,484	\$0	\$0	\$0
CN AC	Federal - AC	\$1,600	\$6,401	\$0	\$0	\$0
MPO Note						

UPC NO	73268	SCOPE	Reconstruction w/o Added Capacity			
SYSTEM	Primary	JURISDICTION	Dinwiddie County		OVERSIGHT	NFO
PROJECT	RTE 1 - INTERSECTION IMPROVEMENT				ADMIN BY	VDOT
DESCRIPTION	FROM: On Rte 226, 0.041 Mile East of Rte 600 TO: Intersection Rte 1 (0.1350 MI)					
ROUTE/STREET	BOYDTON PLANK ROAD (0001)				TOTAL COST	\$2,859,537
	FUND SOURCE	MATCH	FY15	FY16	FY17	FY18
RW	Federal - RSTP	(\$17,873)	(\$71,493)	\$0	\$0	\$0
CN	Federal - RSTP	\$197,140	\$788,558	\$0	\$0	\$0
CN AC	Federal - AC	\$84,461	\$337,842	\$0	\$0	\$0
MPO Note						

UPC NO	93209	SCOPE	Reconstruction w/ Added Capacity			
SYSTEM	Primary	JURISDICTION	Prince George County		OVERSIGHT	NFO
PROJECT	ARRA Hopewell/Prince George 36 Corridor Improvements				ADMIN BY	VDOT
DESCRIPTION	FROM: 0.260 MI W RT144 TO: JEFFERSON PARK RD. (RTE 630) (0.9420 MI)					
PROGRAM NOTE	Parent UPC....linked to Child UPC 103921					
ROUTE/STREET	OAKLAWN BOULEVARD (0036)				TOTAL COST	\$9,877,181

	FUND SOURCE	MATCH	FY15	FY16	FY17	FY18
PE	Federal - ARRA	\$0	\$16,066	\$0	\$0	\$0
RW	Federal - ARRA	\$0	(\$198,579)	\$0	\$0	\$0
CN	Federal - ARRA	\$0	\$182,513	\$0	\$0	\$0
MPO Note						

UPC NO	103921	SCOPE	Reconstruction w/ Added Capacity			
SYSTEM	Primary	JURISDICTION	Prince George County		OVERSIGHT	NFO
PROJECT	ARRA - C - HOPEWELL/PRINCE GEORGE 36 CORRIDOR IMPROVEMENTS				ADMIN BY	VDOT
DESCRIPTION	FROM: 0.260 MI W RT144 TO: JEFFESON PARK RD (RTE 360) (0.9420 MI)					
PROGRAM NOTE	Child UPC....linked to Parent UPC 93209; all funding obligated based on current allocations/estimate					
ROUTE/STREET	OAKLAWN BOULEVARD (0036)				TOTAL COST	\$41,177
	FUND SOURCE	MATCH	FY15	FY16	FY17	FY18
RW	Other	\$0	(\$17,211)	\$0	\$0	\$0
CN	Other	\$0	(\$1,612)	\$0	\$0	\$0
MPO Note						

UPC NO	104697	SCOPE	Reconstruction w/o Added Capacity			
SYSTEM	Primary	JURISDICTION	Prince George County		OVERSIGHT	NFO
PROJECT	RTE 36 - IMPROVEMENTS AT FT. LEE ENTRANCE				ADMIN BY	VDOT
DESCRIPTION	FROM: SIEGE ROAD TO: 11TH STREET (1.2700 MI)					
ROUTE/STREET	RT 36 (OAKLAWN BLVD) (0036)				TOTAL COST	\$1,510,000
	FUND SOURCE	MATCH	FY15	FY16	FY17	FY18
PE	Federal - RSTP	\$60,000	\$240,000	\$0	\$0	\$0
RW	Federal - DEMO	\$88,164	\$352,654	\$0	\$0	\$0
	Federal - RSTP	\$5,199	\$20,797	\$0	\$0	\$0
RW TOTAL		\$93,363	\$373,451	\$0	\$0	\$0
RW AC	Federal - AC	\$6,637	\$26,549	\$0	\$0	\$0
CN AC	Federal - AC	\$142,000	\$568,000	\$0	\$0	\$0
MPO Note						

UPC NO	105110	SCOPE	Safety			
SYSTEM	Primary	JURISDICTION	Prince George County		OVERSIGHT	NFO
PROJECT	RTE 106 - INTERSECTION IMPROVEMENTS				ADMIN BY	VDOT
DESCRIPTION	FROM: RTE 616 (LAUREL SPRINGS ROAD) TO: RTE 616 (LAUREL SPRINGS ROAD)					
ROUTE/STREET	COURTHOUSE ROAD (0106)				TOTAL COST	\$614,500
	FUND SOURCE	MATCH	FY15	FY16	FY17	FY18
PE	Federal - RSTP	\$24,000	\$96,000	\$0	\$0	\$0
RW	Federal - RSTP	\$40,050	\$0	\$160,198	\$0	\$0
CN	Federal - RSTP	\$58,851	\$0	\$0	\$235,402	\$0
MPO Note						

UPC NO	98994	SCOPE	Safety			
SYSTEM	Primary	JURISDICTION	Chesterfield County		OVERSIGHT	NFO
PROJECT	RTE 144 - ADD TURN LANE				ADMIN BY	VDOT
DESCRIPTION	FROM: 0.062 MI S RTE 1141 (SOUTH ST) TO: 0.095 MI N RTE 1141 (SOUTH ST) (0.1570 MI)					
ROUTE/STREET	HARROWGATE ROAD (0144)				TOTAL COST	\$1,409,506

	FUND SOURCE	MATCH	FY15	FY16	FY17	FY18
RW	Federal - CM	\$50,002	\$200,006	\$0	\$0	\$0
CN	Federal - CM	\$160,918	\$436,103	\$67,505	\$140,065	\$0
MPO Note						

UPC NO	98882	SCOPE	Safety			
SYSTEM	Primary	JURISDICTION	Colonial Heights		OVERSIGHT	NFO
PROJECT	RTE 144 (TEMPLE AVE) - EXTEND TURN LANE AT CONDUIT RD				ADMIN BY	Locally
DESCRIPTION	FROM: 0.05 Miles EAST OF CONDUIT RD TO: 0.17 Miles EAST CONDUIT RD (0.2200 MI)					
ROUTE/STREET	TEMPLE AVENUE (0144)				TOTAL COST	\$450,000
	FUND SOURCE	MATCH	FY15	FY16	FY17	FY18
CN	Federal - CM	\$77,000	\$308,000	\$0	\$0	\$0
MPO Note						

UPC NO	98883	SCOPE	Safety			
SYSTEM	Primary	JURISDICTION	Colonial Heights		OVERSIGHT	NFO
PROJECT	RTE 144 (TEMPLE AVE) - SIGNAL COORDINATION				ADMIN BY	Locally
DESCRIPTION	FROM: RTE 1 TO: ECL COLONIAL HEIGHTS (2.0000 MI)					
ROUTE/STREET	TEMPLE AVENUE (0144)				TOTAL COST	\$495,000
	FUND SOURCE	MATCH	FY15	FY16	FY17	FY18
PE	Federal - AC CONVERSION	\$20,000	\$0	\$80,000	\$0	\$0
CN	Federal - CM	\$79,000	\$0	\$0	\$89,043	\$226,957
MPO Note						

UPC NO	100499	SCOPE	Reconstruction w/o Added Capacity			
SYSTEM	Primary	JURISDICTION	Prince George County		OVERSIGHT	NFO
PROJECT	RTE 460 - ADD LEFT TURN LANE WESTBOUND AT RTE 657				ADMIN BY	VDOT
DESCRIPTION	FROM: 0.102 MI. W OF RTE. 657 (Enterprise Drive) TO: 0.163 MI. E OF RTE. 657 (Enterprise Drive) (0.2700 MI)					
ROUTE/STREET	COUNTY DRIVE (0460)				TOTAL COST	\$1,232,315
	FUND SOURCE	MATCH	FY15	FY16	FY17	FY18
RW	Federal - CM	\$44,000	\$176,000	\$0	\$0	\$0
CN	Federal - CM	\$24,220	\$96,878	\$0	\$0	\$0
CN AC	Federal - AC	\$122,244	\$488,974	\$0	\$0	\$0
MPO Note						

UPC NO	100432	SCOPE	New Construction Roadway			
SYSTEM	Primary	JURISDICTION	Statewide		OVERSIGHT	FO
PROJECT	Project oversight (Rt 460 Corridor Improvement Project)				ADMIN BY	VDOT
DESCRIPTION	FROM: Intersection w/Rt 58, City of Suffolk TO: Intersection w/I-295, Prince George Cty (55.0000 MI)					

PROGRAM NOTE	Linked with UPC 103803. Based on the length of the project 13.57% is in the Tri-Cities. MPO Area, 29.51% is in the HRTPO, and 56.92% is in rural areas.					
ROUTE/STREET	RT. 460 (0460)				TOTAL COST	\$89,126,668
	FUND SOURCE	MATCH	FY15	FY16	FY17	FY18
CN	Federal - AC CONVERSION	\$0	\$0	\$7,500,000	\$10,123,510	\$0
	Federal - NHPP	\$0	\$250,000	\$0	\$0	\$0
	Federal - STP/F	\$0	\$20,674,752	\$0	\$0	\$0
CN TOTAL		\$0	\$20,924,752	\$7,500,000	\$10,123,510	\$0
CN AC	Federal - AC	\$0	\$56,520,944	\$0	\$0	\$0
MPO Note						

UPC NO	103754	SCOPE				
SYSTEM	Primary	JURISDICTION	Statewide	OVERSIGHT	FO	
PROJECT	Route 460 PPTA Debt Service				ADMIN BY	VDOT
DESCRIPTION	FROM: Intersection with Route 58, City of Suffolk TO: Intersection with I-295, Prince George County (55.0000 MI)					
PROGRAM NOTE	Based on the length of the project 13.57% is in the Tri-Cities MPO Area, 29.51% is in the HRTPO, and 56.92% is in rural areas.					
ROUTE/STREET	0460				TOTAL COST	\$884,578,239
	FUND SOURCE	MATCH	FY15	FY16	FY17	FY18
PE	Federal - AC CONVERSION	\$0	\$0	\$38,025,314	\$56,531,124	\$59,594,591
	Federal - NHPP	\$0	\$9,645,477	\$0	\$0	\$0
PE TOTAL		\$0	\$9,645,477	\$38,025,314	\$56,531,124	\$59,594,591
PE AC	Federal - AC	\$0	\$852,345,389	\$0	\$0	\$0
MPO Note						

UPC NO	103803	SCOPE	New Construction Roadway			
SYSTEM	Primary	JURISDICTION	Statewide	OVERSIGHT	FO	
PROJECT	Route 460 PPTA Construction				ADMIN BY	VDOT
DESCRIPTION	FROM: Intersection of I-295, Prince George County TO: Intersection of Route 58, City of Suffolk (55.0000 MI)					
PROGRAM NOTE	All funding obligated based on current allocations/estimate. Based on the length of the project 13.57% is in the Tri-Cities MPO Area, 29.51% is in the HRTPO, and 56.92% is in rural areas.					
ROUTE/STREET	0460				TOTAL COST	\$1,396,045,200
	FUND SOURCE	MATCH	FY15	FY16	FY17	FY18
		\$0	\$0	\$0	\$0	\$0
MPO Note						

### Secondary Projects

UPC NO	101028	SCOPE	Safety			
SYSTEM	Secondary	JURISDICTION	Chesterfield County		OVERSIGHT	NFO
PROJECT	RTE 600 - REALIGN INTERSECTION				ADMIN BY	Locally
DESCRIPTION	FROM: 0.2 MI S RTE 626 (Hickory Road) TO: 0.2 MI N RTE 626 (Hickory Road) (0.4000 MI)					
ROUTE/STREET	MATOACA ROAD (0600)				TOTAL COST	\$2,289,793
	FUND SOURCE	MATCH	FY15	FY16	FY17	FY18
PE	Federal - AC CONVERSION	\$50,874	\$0	\$0	\$203,495	\$0
RW	Federal - RSTP	\$130,000	\$0	\$0	\$0	\$520,000
MPO Note						

UPC NO	80993	SCOPE	Reconstruction w/ Added Capacity			
SYSTEM	Secondary	JURISDICTION	Dinwiddie County		OVERSIGHT	NFO
PROJECT	RTE 600 - ROUNDABOUT				ADMIN BY	VDOT
DESCRIPTION	FROM: On Rte 226, 0.105 Mile West of Rte 600 TO: On Rte 226, 0.041 Mile East of Rte 600 (0.1470 MI)					
ROUTE/STREET	FERNDALE ROAD (0600)				TOTAL COST	\$4,907,239
	FUND SOURCE	MATCH	FY15	FY16	FY17	FY18
PE	Federal - STP/F	(\$48,919)	(\$195,675)	\$0	\$0	\$0
RW	Federal - RSTP	\$37,740	\$150,960	\$0	\$0	\$0
CN	Federal - EB	\$1,494	\$5,974	\$0	\$0	\$0
	Federal - RSTP	\$545,367	\$2,181,467	\$0	\$0	\$0
CN TOTAL		\$546,860	\$2,187,441	\$0	\$0	\$0
CN AC	Federal - AC	\$106,836	\$427,345	\$0	\$0	\$0
MPO Note						

UPC NO	61294	SCOPE	Safety			
SYSTEM	Secondary	JURISDICTION	Dinwiddie County		OVERSIGHT	NFO
PROJECT	RTE 601 - INTERSECTION IMPROVEMENT - ADD RIGHT TURN LANE				ADMIN BY	VDOT
DESCRIPTION	FROM: 0.112 mi west of intersection Rte 600 TO: intersection Rte 600 (0.1120 MI)					
ROUTE/STREET	RIVER ROAD (0601)				TOTAL COST	\$819,987
	FUND SOURCE	MATCH	FY15	FY16	FY17	FY18
PE	Federal - STP/F	\$2,725	\$10,898	\$0	\$0	\$0
CN	Federal - STP/F	\$668	\$2,672	\$0	\$0	\$0
MPO Note						

UPC NO	82849	SCOPE	Safety			
SYSTEM	Secondary	JURISDICTION	Prince George County		OVERSIGHT	NFO
PROJECT	RTE 630 - INTERSECTION IMPROVEMENT				ADMIN BY	VDOT
DESCRIPTION	FROM: ROUTE 460 TO: 0.1 MILE SOUTH OF ROUTE 460 (0.1000 MI)					
ROUTE/STREET	BULL HILL ROAD (0630)				TOTAL COST	\$274,083
	FUND SOURCE	MATCH	FY15	FY16	FY17	FY18
PE	Federal - CM	(\$6,200)	(\$24,800)	\$0	\$0	\$0
CN	Federal - CM	\$49,817	\$199,266	\$0	\$0	\$0
MPO Note						

UPC NO	87941	SCOPE	Safety			
SYSTEM	Secondary	JURISDICTION	Prince George County	OVERSIGHT	NFO	
PROJECT	RTE 630 - ROUNDABOUT			ADMIN BY	Locally	
DESCRIPTION	AT AVENUE A - FT LEE (0.2000 KM)					
ROUTE/STREET	JEFFERSON PARK ROAD (0630)			TOTAL COST	\$192,304	
	FUND SOURCE	MATCH	FY15	FY16	FY17	FY18
PE AC	Federal - AC	\$12,000	\$48,000	\$0	\$0	\$0
RW AC	Federal - AC	\$11,114	\$44,457	\$0	\$0	\$0
CN AC	Federal - AC	\$15,347	\$61,386	\$0	\$0	\$0
MPO Note						

UPC NO	87953	SCOPE	Safety			
SYSTEM	Secondary	JURISDICTION	Prince George County	OVERSIGHT	NFO	
PROJECT	TRAFFIC SIGNAL INSTALLATION - JEFFERSON PK/MIDDLE			ADMIN BY	VDOT	
DESCRIPTION	AT THE INTERSECTION W/ MIDDLE ROAD (646)					
ROUTE/STREET	JEFFERSON PARK ROAD (0630)			TOTAL COST	\$170,627	
	FUND SOURCE	MATCH	FY15	FY16	FY17	FY18
CN	Federal - STP/F	\$18,032	\$0	\$0	\$72,126	\$0
CN AC	Federal - AC	\$14,125	\$0	\$0	\$56,501	\$0
MPO Note						

UPC NO	80986	SCOPE	Reconstruction w/o Added Capacity			
SYSTEM	Secondary	JURISDICTION	Prince George County	OVERSIGHT	NFO	
PROJECT	RTE 646 - INTERSECTION IMPROVEMENTS			ADMIN BY	VDOT	
DESCRIPTION	FROM: 0.08 Miles S. Int. Rte 156 TO: Int. Rte 156 (0.0800 MI)					
PROGRAM NOTE	All funding obligated based on current allocations/estimate					
ROUTE/STREET	MIDDLE ROAD (0646)			TOTAL COST	\$1,324,137	
	FUND SOURCE	MATCH	FY15	FY16	FY17	FY18
RW AC	Federal - AC	\$362	\$1,449	\$0	\$0	\$0
CN	Federal - STP/SU	(\$8,258)	(\$33,032)	\$0	\$0	\$0
CN AC	Federal - AC	(\$20,349)	(\$81,395)	\$0	\$0	\$0
MPO Note						

UPC NO	105131	SCOPE	Reconstruction w/ Added Capacity			
SYSTEM	Secondary	JURISDICTION	Prince George County	OVERSIGHT	NFO	
PROJECT	RTE 645 - WIDENING			ADMIN BY	VDOT	
DESCRIPTION	FROM: RTE 144 (TEMPLE AVE) TO: PETERSBURG CITY LIMITS					
ROUTE/STREET	PUDDLEDOCK ROAD (0645)			TOTAL COST	\$5,869,322	
	FUND SOURCE	MATCH	FY15	FY16	FY17	FY18
PE	Federal - RSTP	\$164,156	\$0	\$0	\$0	\$656,622
PE AC	Federal - AC	\$35,845	\$0	\$0	\$0	\$143,378
MPO Note						

### Urban Projects

UPC NO	52434	SCOPE	Reconstruction w/o Added Capacity			
SYSTEM	Urban	JURISDICTION	Colonial Heights	OVERSIGHT	NFO	
PROJECT	RTE 1 - ADD CENTER TURN LANE			ADMIN BY	Locally	
DESCRIPTION	FROM: WESTOVER AVE TO: WINDSOR AVE (0.1800 MI)					
ROUTE/STREET	BOULEVARD (0001)			TOTAL COST	\$2,588,721	
	FUND SOURCE	MATCH	FY15	FY16	FY17	FY18
PE	Federal - CM	\$3,596	\$14,382	\$0	\$0	\$0
RW	Federal - CM	\$0	(\$1)	\$0	\$0	\$0
MPO Note						

UPC NO	90374	SCOPE	Reconstruction w/o Added Capacity			
SYSTEM	Urban	JURISDICTION	Colonial Heights	OVERSIGHT	NFO	
PROJECT	RTE 1 - ADD CENTER TURN LANE			ADMIN BY	Locally	
DESCRIPTION	FROM: WINDSOR AVE TO: PICKWICK AVE (0.0800 MI)					
PROGRAM NOTE	All funding obligated based on current allocations/estimate					
ROUTE/STREET	BOULEVARD (0001)			TOTAL COST	\$1,587,012	
	FUND SOURCE	MATCH	FY15	FY16	FY17	FY18
RW	Federal - CM	(\$800)	(\$3,200)	\$0	\$0	\$0
CN AC	Federal - AC	(\$40,299)	(\$161,197)	\$0	\$0	\$0
MPO Note						

UPC NO	99194	SCOPE	Resurfacing			
SYSTEM	Urban	JURISDICTION	Colonial Heights	OVERSIGHT	NFO	
PROJECT	Branders Bridge Road and Route 1 - intersection improvement			ADMIN BY	Locally	
DESCRIPTION	FROM: west of Route 1 TO: Route 1 (0.1000 MI)					
ROUTE/STREET	BRANDERS BRIDGE ROAD (U000)			TOTAL COST	\$245,000	
	FUND SOURCE	MATCH	FY15	FY16	FY17	FY18
PE	Federal - CM	\$7,000	\$0	\$0	\$28,000	\$0
CN	Federal - CM	\$42,000	\$0	\$0	\$0	\$168,000
MPO Note						

UPC NO	101287	SCOPE	Reconstruction w/o Added Capacity			
SYSTEM	Urban	JURISDICTION	Colonial Heights	OVERSIGHT	NFO	
PROJECT	DUPUY AVE - MINOR WIDENING			ADMIN BY	Locally	
DESCRIPTION	FROM: WCL COLONIAL HTS TO: 0.1 MI. WEST RTE. 1 (BOULEVARD) (0.3800 MI)					
ROUTE/STREET	DUPUY AVENUE (U000)			TOTAL COST	\$4,083,000	
	FUND SOURCE	MATCH	FY15	FY16	FY17	FY18
CN	Federal - RSTP	\$520,400	\$2,000,541	\$81,059	\$0	\$0
MPO Note						

UPC NO	3945	SCOPE	Reconstruction w/o Added Capacity			
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SYSTEM	Urban	JURISDICTION	Colonial Heights		OVERSIGHT	NFO
PROJECT	RTE 1 - IMPROVE INT AT DUPUY AVE				ADMIN BY	Locally
DESCRIPTION	FROM: DUPUY AVE - FR: BATTERY PLACE TO: BOULEVARD TO: ROUTE 1 - FR: PICKWICK AVE TO: LAFAYETTE AVE (0.3800 MI)					
ROUTE/STREET	DUPUY AVENUE & BOULEVARD (0001)				TOTAL COST	\$6,702,314
	FUND SOURCE	MATCH	FY15	FY16	FY17	FY18
RW	Federal - STP/SU	(\$8,000)	(\$32,000)	\$0	\$0	\$0
CN	Federal - AC CONVERSION	\$33,955	\$135,819	\$0	\$0	\$0
MPO Note						

UPC NO	101288	SCOPE	Reconstruction w/o Added Capacity			
SYSTEM	Urban	JURISDICTION	Colonial Heights		OVERSIGHT	NFO
PROJECT	LAKEVIEW AVE - MINOR WIDENING				ADMIN BY	Locally
DESCRIPTION	FROM: BRIJDAN LA TO: BOULEVARD (RTE 1) (0.4000 MI)					
ROUTE/STREET	LAKEVIEW AVENUE (U000)				TOTAL COST	\$3,314,000
	FUND SOURCE	MATCH	FY15	FY16	FY17	FY18
RW	Federal - RSTP	\$70,000	\$280,000	\$0	\$0	\$0
CN	Federal - RSTP	\$510,000	\$2,040,000	\$0	\$0	\$0
MPO Note						

UPC NO	97691	SCOPE	Resurfacing			
SYSTEM	Urban	JURISDICTION	Colonial Heights		OVERSIGHT	NFO
PROJECT	RTE 144 (TEMPLE AVE) - TURN LANE AT DIMMOCK PKWY				ADMIN BY	Locally
DESCRIPTION	FROM: 0.02 Miles West OF DIMMOCK PKWY intersection TO: 0.13 Miles East DIMMOCK PKWY intersection (0.1500 MI)					
ROUTE/STREET	TEMPLE AVENUE (0144)				TOTAL COST	\$510,000
	FUND SOURCE	MATCH	FY15	FY16	FY17	FY18
CN	Federal - CM	\$81,000	\$324,000	\$0	\$0	\$0
MPO Note						

UPC NO	105109	SCOPE	Bridge Rehab w/o Added Capacity			
SYSTEM	Urban	JURISDICTION	Colonial Heights		OVERSIGHT	NFO
PROJECT	REHABILITATE BRIDGES -VARIOUS LOCATIONS				ADMIN BY	Locally
DESCRIPTION	FROM: VARIOUS LOCATIONS TO: VARIOUS LOCATIONS					
ROUTE/STREET	VARIOUS (9999)				TOTAL COST	\$650,000
	FUND SOURCE	MATCH	FY15	FY16	FY17	FY18
PE	Federal - AC CONVERSION	\$27,000	\$0	\$108,000	\$0	\$0
RW	Federal - RSTP	\$10,000	\$0	\$0	\$40,000	\$0
CN	Federal - RSTP	\$93,000	\$0	\$0	\$280,000	\$92,000
MPO Note						

UPC NO	90018	SCOPE	Reconstruction w/o Added Capacity			
SYSTEM	Urban	JURISDICTION	Hopewell		OVERSIGHT	NFO
PROJECT	CEDAR LEVEL RD - WIDENING				ADMIN BY	VDOT
DESCRIPTION	FROM: COBBLESTONE PKWY TO: UR-9036 (MILES AVE) (0.5190 MI)					
ROUTE/STREET	CEDAR LEVEL ROAD (9047)				TOTAL COST	\$13,500,000
	FUND SOURCE	MATCH	FY15	FY16	FY17	FY18
RW	Federal - RSTP	\$80,000	\$320,000	\$0	\$0	\$0
	Federal - STP/F	\$120,000	\$480,000	\$0	\$0	\$0
RW TOTAL		\$200,000	\$800,000	\$0	\$0	\$0
CN	Federal - STP/F	\$915,819	\$1,241,309	\$374,106	\$1,259,955	\$787,907
CN AC	Federal - AC	\$1,504,181	\$0	\$0	\$0	\$6,016,723
MPO Note						

UPC NO	12955	SCOPE	Safety			
SYSTEM	Urban	JURISDICTION	Hopewell		OVERSIGHT	NFO
PROJECT	RTE 10 - IMPROVE INTERSECTION				ADMIN BY	VDOT
DESCRIPTION	FROM: 0.162 MI West Hummel Ross Road TO: 0.09 MI East Hummel Ross Road (0.2520 MI)					
ROUTE/STREET	E. RANDOLPH ROAD (0010)				TOTAL COST	\$1,480,387
	FUND SOURCE	MATCH	FY15	FY16	FY17	FY18
RW	Federal - CM	\$95,977	\$383,906	\$0	\$0	\$0
CN	Federal - CM	\$102,790	\$396,107	\$15,052	\$0	\$0
CN AC	Federal - AC	\$31,288	\$125,150	\$0	\$0	\$0
MPO Note						

UPC NO	100500	SCOPE	Reconstruction w/o Added Capacity			
SYSTEM	Urban	JURISDICTION	Hopewell		OVERSIGHT	NFO
PROJECT	RTE 36 - INTERSECTION IMPROVEMENT				ADMIN BY	VDOT
DESCRIPTION	FROM: .2 miles west of Route 630 TO: .2 miles east of Rotue 630 (0.4000 MI)					
ROUTE/STREET	OAKLAWN BOULEVARD (0036)				TOTAL COST	\$72,600
	FUND SOURCE	MATCH	FY15	FY16	FY17	FY18
PE	Federal - CM	\$2,904	\$11,616	\$0	\$0	\$0
MPO Note						

UPC NO	101033	SCOPE	Safety			
SYSTEM	Urban	JURISDICTION	Petersburg		OVERSIGHT	NFO
PROJECT	RTE 301 - UPGRADE SIGNALS				ADMIN BY	VDOT
DESCRIPTION	FROM: 0.02 MI SOUTH OF WALNUT BLVD TO: 0.02 MI NORTH OF WALNUT BLVD					
ROUTE/STREET	CRATER ROAD (0301)				TOTAL COST	\$797,056
	FUND SOURCE	MATCH	FY15	FY16	FY17	FY18
PE	Federal - RSTP	\$3,200	\$12,800	\$0	\$0	\$0
RW	Federal - RSTP	\$60,000	\$240,000	\$0	\$0	\$0
CN	Federal - RSTP	\$79,411	\$317,645	\$0	\$0	\$0
MPO Note						

UPC NO	101289	SCOPE	Reconstruction w/o Added Capacity			
SYSTEM	Urban	JURISDICTION	Petersburg	OVERSIGHT	NFO	
PROJECT	PUDDLEDOCK ROAD - INTERSECTION IMPROVEMENT			ADMIN BY	VDOT	
DESCRIPTION	FROM: 0.2 miles North of Industrial Drive TO: 0.2 miles South of Industrial Drive (0.4000 MI)					
ROUTE/STREET	PUDDLEDOCK ROAD (U000)			TOTAL COST	\$521,770	
	FUND SOURCE	MATCH	FY15	FY16	FY17	FY18
PE	Federal - AC CONVERSION	\$20,000	\$80,000	\$0	\$0	\$0
CN	Federal - CM	\$31,864	\$127,457	\$0	\$0	\$0
CN AC	Federal - AC	\$52,490	\$209,959	\$0	\$0	\$0
MPO Note						

UPC NO	104870	SCOPE	Reconstruction w/ Added Capacity			
SYSTEM	Urban	JURISDICTION	Petersburg	OVERSIGHT	NFO	
PROJECT	RTE 301 - EXTEND LTL (BOTH NB & SB) S. CRATER RD @ MORTON RD			ADMIN BY	VDOT	
DESCRIPTION						
ROUTE/STREET	S. CRATER RD. (0301)			TOTAL COST	\$550,000	
	FUND SOURCE	MATCH	FY15	FY16	FY17	FY18
PE	Federal - CM	\$20,000	\$0	\$0	\$0	\$80,000
MPO Note						

UPC NO	104878	SCOPE	Reconstruction w/ Added Capacity			
SYSTEM	Urban	JURISDICTION	Petersburg	OVERSIGHT	NFO	
PROJECT	RTE 301 - EXTEND SB LTL ON S. CRATER RD. @ MED PARK BLVD.			ADMIN BY	VDOT	
DESCRIPTION						
ROUTE/STREET	S. CRATER RD. (0301)			TOTAL COST	\$335,000	
	FUND SOURCE	MATCH	FY15	FY16	FY17	FY18
PE	Federal - CM	\$10,000	\$0	\$0	\$0	\$40,000
MPO Note						

UPC NO	101039	SCOPE	Safety			
SYSTEM	Urban	JURISDICTION	Petersburg	OVERSIGHT	NFO	
PROJECT	SOUTH CRATER ROAD AREA - SIGNAL COORDINATION			ADMIN BY	VDOT	
DESCRIPTION	FROM: FLANK RD TO: RIVES RD (1.4000 MI)					
ROUTE/STREET	SOUTH CRATER ROAD (0301)			TOTAL COST	\$660,000	
	FUND SOURCE	MATCH	FY15	FY16	FY17	FY18
PE	Federal - AC CONVERSION	\$26,400	\$105,600	\$0	\$0	\$0
CN	Federal - CM	\$105,600	\$0	\$0	\$422,400	\$0
MPO Note						

UPC NO	77537	SCOPE	Safety			
SYSTEM	Urban	JURISDICTION	Petersburg	OVERSIGHT	NFO	
PROJECT	DOWNTOWN TRAFFIC SIGNAL OPTIMIZATION - VARIOUS STREETS			ADMIN BY	Locally	
DESCRIPTION	FROM: N Jefferson St / S Jefferson St TO Perry St AND TO: Wythe St / Halifax St TO: Bollingbrook St/ Bank St					

PROGRAM NOTE	All funding obligated based on current allocations/estimate					
ROUTE/STREET	VARIOUS (U000)				TOTAL COST	\$325,000
	FUND SOURCE	MATCH	FY15	FY16	FY17	FY18
		\$0	\$0	\$0	\$0	\$0
MPO Note						

UPC NO	104869	SCOPE	Traffic Management/Engineering			
SYSTEM	Urban	JURISDICTION	Petersburg		OVERSIGHT	NFO
PROJECT	UPGRADE SIGNALS - VARIOUS LOCATIONS				ADMIN BY	VDOT
DESCRIPTION	FROM: VARIOUS LOCATIONS TO: VARIOUS LOCATIONS					
ROUTE/STREET	VARIOUS (0000)				TOTAL COST	\$450,000
	FUND SOURCE	MATCH	FY15	FY16	FY17	FY18
PE	Federal - CM	\$30,000	\$0	\$120,000	\$0	\$0
CN	Federal - CM	\$60,000	\$0	\$0	\$240,000	\$0
MPO Note						

UPC NO	101030	SCOPE	Safety			
SYSTEM	Urban	JURISDICTION	Petersburg		OVERSIGHT	NFO
PROJECT	RTE 36 - UPGRADE SIGNAL + EXTEND LTL				ADMIN BY	VDOT
DESCRIPTION	FROM: .127 mi. W. of RTE 9038 (Puddledock Rd.) TO: RTE 9038 (Puddledock Road) (0.1270 MI)					
ROUTE/STREET	WASHINGTON STREET (0036)				TOTAL COST	\$752,745
	FUND SOURCE	MATCH	FY15	FY16	FY17	FY18
PE	Federal - RSTP	\$11,022	\$44,087	\$0	\$0	\$0
CN	Federal - RSTP	\$119,527	\$478,109	\$0	\$0	\$0
MPO Note						

### Miscellaneous Projects

UPC NO	T204	SCOPE	Other			
SYSTEM	Miscellaneous	JURISDICTION	Petersburg		OVERSIGHT	NFO
PROJECT	Nonattainment Area				ADMIN BY	Locally
DESCRIPTION	Tri-Cities MPO Air Quality Maintenance Area					
ROUTE/STREET	DEQ/MRAQC (MRAQ)				TOTAL COST	\$435,000
	FUND SOURCE	MATCH	FY15	FY16	FY17	FY18
PE	Federal - CM	\$0	\$142,000	\$28,000	\$28,000	\$28,000
	Federal - RSTP	\$10,000	\$40,000	\$0	\$0	\$0
PE TOTAL		\$10,000	\$182,000	\$28,000	\$28,000	\$28,000
PE AC	Federal - AC	\$7,000	\$0	\$0	\$0	\$28,000
MPO Note						

UPC NO	72904	SCOPE	Preliminary Engineering			
SYSTEM	Miscellaneous	JURISDICTION	Richmond District-wide		OVERSIGHT	NFO
PROJECT	RSTP TRANSPORTATION PLANNING SUPPLMENTL FUNDING FOR CRATER PDC				ADMIN BY	Locally
DESCRIPTION						

ROUTE/STREET		RPSF				TOTAL COST		\$916,825
	FUND SOURCE	MATCH	FY15	FY16	FY17	FY18		
PE	Federal - AC CONVERSION	\$13,926	\$0	\$18,568	\$18,568	\$18,568	\$18,568	
	Federal - RSTP	\$4,642	\$18,568	\$0	\$0	\$0	\$0	
PE TOTAL		\$18,568	\$18,568	\$18,568	\$18,568	\$18,568	\$18,568	
PE AC	Federal - AC	\$18,568	\$286,786	\$0	\$0	\$0	\$0	
MPO Note								

### Project Groupings

GROUPING		Construction : Bridge Rehabilitation/Replacement/Reconstruction						
ROUTE/STREET						TOTAL COST		\$11,331,729
	FUND SOURCE	MATCH	FY15	FY16	FY17	FY18		
PE	Federal - BR	\$27,190	\$458,760	\$0	\$0	\$0	\$0	
RW	Federal - AC CONVERSION	\$0	\$0	\$32,350	\$0	\$0	\$0	
	Federal - BR	(\$2,978)	\$272,807	\$0	\$0	\$0	\$0	
RW TOTAL		(\$2,978)	\$272,807	\$32,350	\$0	\$0	\$0	
RW AC	Federal - AC	\$0	\$32,350	\$0	\$0	\$0	\$0	
CN	Federal - AC CONVERSION	\$0	\$0	\$0	\$1,515,201	\$1,275,578		
	Federal - BR	\$6,429	\$25,716	\$5,626,073	\$0	\$0	\$0	
CN TOTAL		\$6,429	\$25,716	\$5,626,073	\$1,515,201	\$1,275,578		
CN AC	Federal - AC	\$0	\$264,323	\$2,790,779	\$0	\$0	\$0	
MPO Note								

GROUPING		Construction : Rail						
ROUTE/STREET						TOTAL COST		\$720,000
	FUND SOURCE	MATCH	FY15	FY16	FY17	FY18		
CN	Federal - STP/RAIL	\$72,000	\$648,000	\$0	\$0	\$0	\$0	
MPO Note								

GROUPING		Construction : Safety/ITS/Operational Improvements						
ROUTE/STREET						TOTAL COST		\$62,887,683
	FUND SOURCE	MATCH	FY15	FY16	FY17	FY18		
PE	Federal - EB	\$3,996	\$15,985	\$0	\$0	\$0	\$0	
	Federal - HSIP	\$277	\$2,489	\$0	\$0	\$0	\$0	

	Federal - STP/F	(\$9,663)	(\$38,651)	\$0	\$0	\$0
	Federal - STP/SRS	\$0	(\$93)	\$0	\$0	\$0
PE TOTAL		(\$5,390)	(\$20,270)	\$0	\$0	\$0
RW	Federal - STP/F	(\$2,857)	(\$11,429)	\$0	\$0	\$0
	Federal - STP/SRS	\$0	\$6,000	\$30,000	\$0	\$0
RW TOTAL		(\$2,857)	(\$5,429)	\$30,000	\$0	\$0
CN	Federal - AC CONVERSION	\$0	\$0	\$4,429,304	\$13,800,456	\$2,746,682
	Federal - CM	\$9,663	\$38,651	\$0	\$0	\$0
	Federal - EB	\$145,241	\$580,962	\$0	\$0	\$0
	Federal - HSIP	(\$898)	(\$8,086)	\$0	\$0	\$0
	Federal - NHPP	\$0	\$16,231,908	\$0	\$0	\$0
	Federal - STP/F	\$22,444	\$89,774	\$0	\$0	\$0
	Federal - STP/SRS	\$0	\$155,949	\$0	\$200,092	\$0
	Other	\$96,475	\$713,068	\$0	\$0	\$0
CN TOTAL		\$272,923	\$17,802,226	\$4,429,304	\$14,000,548	\$2,746,682
CN AC	Federal - AC	\$0	\$34,878,607	\$0	\$6,860,031	\$0
MPO Note						

GROUPING	Construction : Transportation Enhancement/Byway/Non-Traditional					
ROUTE/STREET					TOTAL COST	\$3,861,048
	FUND SOURCE	MATCH	FY15	FY16	FY17	FY18
PE	Federal - STP/EN	(\$129,538)	(\$518,152)	\$0	\$0	\$0
CN	Federal - AC CONVERSION	\$129,976	\$519,905	\$0	\$0	\$0
	Federal - STP/EN	\$45,908	\$183,631	\$0	\$0	\$0
	Federal - TAP/F	\$90,515	\$362,061	\$0	\$0	\$0
CN TOTAL		\$266,399	\$1,065,597	\$0	\$0	\$0
MPO Note						

GROUPING	Maintenance : Preventive Maintenance and System Preservation					
PROGRAM NOTE	Funding identified to be obligated districtwide as projects are identified.					
ROUTE/STREET					TOTAL COST	\$2,343,635
	FUND SOURCE	MATCH	FY15	FY16	FY17	FY18
CN	Federal - NHPP		\$9,379,031	\$56,274,186	\$56,274,186	\$51,584,671
	Federal - STP/F		\$19,685,342	\$20,980,485	\$17,395,356	\$19,979,529
CN TOTAL			\$29,064,373	\$77,254,671	\$73,669,542	\$71,564,200
MPO Note						

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	FY15	FY16	FY17	FY18
CN	Federal - BR		\$1,721,001	\$2,093,426	\$2,465,851	\$2,465,850
	Federal - STP/F		\$6,140,188	\$2,222,159	\$2,222,160	\$1,686,277
CN TOTAL			\$7,861,189	\$4,315,585	\$4,688,011	\$4,152,127
MPO Note						

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	FY15	FY16	FY17	FY18
CN	Federal - STP/F		\$5,145,700	\$5,876,336	\$5,391,386	\$5,653,765
MPO Note						

**Table A - 1**  
**Highway Projects**  
**by Grouping**

**Tri-Cities MPO**

**Construction: Bridge Rehabilitation/Replacement/Reconstruction**

System	UPC	Jurisdiction / Name / Description	Street (Route)	Estimate
Primary	93094	Dinwiddie County	BOYDTON PLANK ROAD S. (0001) RTE 1 SOUTH - BRIDGE REPLACEMENT OVER CSX RW  FROM: 0.19 MI. NORTH RTE. 657 W. TO: 0.61 MI. NORTH RTE. 657 W. (0.5900 MI)	\$6,598,712
Primary	87618	Chesterfield County	HAYDEN STREET (0327) RTE. 327 (HAYDEN ST) - REMOVE BRIDGE  FROM: 0.010 MI WEST OF CARTER G. WOODSON AVE. TO: 0.054 MI EAST OF CARTER G. WOODSON AVE.	\$1,559,707
Secondary	93092	Dinwiddie County	NAMOZINE ROAD (0708) RTE 708 - REPLACE BRIDGE FROM: .233 MI W. Rte 746 (Bird Nest Road) TO: .339 Mi W. Rte 746 (Bird Nest Road) (0.1060 MI)	\$3,173,310
Construction: Bridge Rehabilitation/Replacement/Reconstruction Total				\$11,331,729

**Construction: RAIL**

System	UPC Jurisdiction / Name / Description	Street(Route)	Estimate
Urban	104879 Petersburg	VARIOUS (9999)	\$720,000

CITYWIDE - INSTALL NEW FLASHING LIGHTS AND GATES  
 FROM: VARIOUS TO: AT NSRR CROSSINGS 467489S, 467525K & 467536X

Construction : Rail Total \$720,000

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

System	UPC Jurisdiction / Name / Description	Street(Route)	Estimate
Interstate	104466 Dinwiddie County	0085	\$25,697,861

I-85 RESTORE EXISTING PAVEMENT NB/SB  
 FROM: MM 40.32 TO: MM 61.44 (21.1200 MI)

Interstate	104467 Richmond District-wide	0295	\$25,697,861
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I-295 RESTORE EXISTING. PAVEMENT  
 NB/SB  
 FROM: MM 20.82 TO: MM 8.46 (12.3600 MI)

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Miscellaneous	93211 Colonial Heights	CAMERON AVE AND WASHINGTON AVE (0000)	\$26,167
	Colonial Heights - Cameron at Washington - SRTS Project II		
	Cameron Ave and Washington Ave		
	Child project....linked to Parent UPC 81509. All funding obligated based on current allocations/estimate		

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Miscellaneous	10283 6 Colonial Heights	CONDUIT ROAD AND COLONIAL/LAFAYETTE/ELKO AVES (0000)	\$179,276
	CITY OF COLONIAL HEIGHTS - SRTS - COL HTS MS - ADD SIDEWALK		
	FROM: 500 Conduit Road TO: Vari- ous		

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**Tri-Cities MPO**

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

	System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Miscellaneous	105236	Colonial Heights	VARIOUS (0000)		\$250,092
			CITY OF COLONIAL HEIGHTS - SRTS -	NORTH ES -	
			SIDEWALKS FROM: HARGRAVE AVE TO: EASTMAN AVE..		
Primary	52506	Prince George County	COURTHOUSE ROAD (0106)		\$1,924,987
			RTE 106 - ROUND-ABOUTw/CTL on E. side; sidewalks in var. loc.		
			FROM: 0.084 MI. W. OF W. INT. RTE 634 TO: 0.143 MI. E. OF E. INT. RTE 634 (0.2270 MI)		
Primary	105170	Prince George County	COURTHOUSE ROAD (0106)		\$581,823
			RTE 106 - ROUNDABOUT LIGHTING AND IMPROVEMENTS FROM: AT INT RTE 634 TO: AT INT RTE 634 (0.2000 MI)		
Primary	97635	Prince George County	PRINCE GEORGE DRIVE (0156)		\$1,385,080
			RTE 156 - INTERSECTION IMPROVEMENT		
			FROM: 0.145 MI SOUTH RTE 616 N TO: 0.092 MI. NORTH RTE 616 N (0.2370 MI)		
Primary	92715	Richmond District-wide	PM4C		\$1,959,518
			ARRA Amelia/Dinwiddie 360/460 Resurfacing/Guardrail Upgrades		

FROM: WBL Route 360 - Amelia Co. TO: Various EBL/WBL Route 460 - Dinwiddie Co.  
 (23.0800 MI) All funding obligated based on current allocations/estimate

Secondary	98910 Chesterfield County	GRAVES RD (0630)	\$32,420	Rte 630- HRRR Segment
	Richmond Pavement Skid Resistance			
	FROM: 0.192 Mi S of INT Rte 628 Hickory Rd TO: 0.249 Mi S of INT Rte 628 Hickory Rd (0.2260 MI)			

Urban	87317 Colonial Heights	VARIOUS (0000)	\$0	
	SRTS Project - Install sidewalks at CH Middle School Area within 1/2 mile of Colonial Heights MS			
	Child project.....linked to Parent UPC 81509. All funding obligated based on current allocations/estimate			

Urban	15832 Petersburg	RIVES ROAD (U000)	\$5,152,598	
	RIVES ROAD - INTERSECTION IMPROVEMENTS			
	FROM: Route 301 TO: 0.1 Mile East Rte 301 (0.3900 MI)			

Construction : Safety/ITS/Operational Improvements Total \$62,887,683

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

System	UPC Jurisdiction / Name / Description	Street(Route)	Estimate
Enhancement	105236 Colonial Heights	0110	\$649,881
	APPOMATTOX RIVER GREENWAY TRAIL, PHASE 3 FROM: I-95 BRIDGE TO: US 1/301 (0.6600 MI) Child UPC.....linked to Parent UPC 105236		

Enhancement	91208 Colonial Heights	EN08	\$673,459
	Appomattox River Greenway Trail		
	FROM: 2175 feet from Roslyn Park TO: I-95 Bridge		
	Parent UPC....linked to child UPC 105236; all funding obligated based on current allocations/estimate		

Enhancement	104036 Petersburg	EN12	\$752,438
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**Tri-Cities MPO**

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

System	UPC Jurisdiction / Name / Description	Street (Route)	Estimate
Enhancement	92955 Petersburg Appomattox River Heritage Trail & Union Station Renovation FROM: n/a TO: n/a Child project....linked to UPC 13789. All funding obligated based on current allocations/estimate	EN93	\$0
Primary	78222 Colonial Heights STREETSCAPE AT GOVERNMENT CENTER FROM: A Avenue TO: Charlotte Avenue (0.2800 MI)	BOULEVARD (EN05)	\$741,250 CITY OF COLONIAL HEIGHTS -
Primary	18795 Chesterfield County VSU/ETTRICK RIVERFRONT TRAIL FROM: CONSTRUCT TRAIL ALONG THE APPOMATTOX RIVER TO: AT VSU	EN98	\$468,750
Urban	13789 Petersburg RENOVATION OF HIST. TRAIN STATION & PEDESTRAIN/BICYCLE TRAIL APPOMATTOX RAIL STATION/APPOMATTOX RIVER HERITAGE TRAIL Parent project....linked to child UPCs 52839 & 52840. All funding obligated based on current allocations/estimate	EN93	\$575,270

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Construction: Transportation Enhancement/Byway/Non-Traditional Total \$3,861,048

**Maintenance : Preventive Maintenance and System Preservation**

System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate	
Secondary	94858	Richmond District-wide ARRA - TRI-CITIES RESURFACING - CN ONLY FROM: VARIOUS LOCATIONS IN CHESTERFIELD, DINWIDDIE, TO: PETERSBURG, PRINCE GEORGE &	VARIOUS (9999)	\$2,343,635	HOPEWELL (10.5000 MI)

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Maintenance: Preventive Maintenance and System Preservation Total \$2,343,635

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**Tri-Cities MPO Total \$81,144,095**

**TABLE A-2: Tri-Cities MPO  
FEDERAL FUNDING CATEGORIES STATEWIDE  
FISCAL CONSTRAINT OF YEAR**

Highway Projects  
FFY 2015 - 2018

Fund Source	FFY 2015		FFY 2016		FFY 2017		FFY 2018		TOTAL	
	Estimated Revenue	Proposed Commitment	Estimated Revenue	Proposed Commitment	Estimated Revenue	Proposed Commitment	Estimated Revenue	Proposed Commitment	Estimated Revenue	Proposed Commitment
<b>Federal</b>										
BR/BROS	\$757,283	\$757,283	\$5,626,073	\$5,626,073	\$0	\$0	\$0	\$0	\$6,383,356	\$6,383,356
CMAQ (2)	\$3,332,855	\$3,332,855	\$230,557	\$230,557	\$947,508	\$947,508	\$542,957	\$542,957	\$5,053,877	\$5,053,877
DEMO	\$352,654	\$352,654	\$0	\$0	\$0	\$0	\$0	\$0	\$352,654	\$352,654
EB/MG	\$602,921	\$602,921	\$0	\$0	\$0	\$0	\$0	\$0	\$602,921	\$602,921
EN	\$198,739	\$198,739	\$0	\$0	\$0	\$0	\$0	\$0	\$198,739	\$198,739
NHPP	\$13,074,287	\$13,074,287	\$0	\$0	\$0	\$0	\$0	\$0	\$13,074,287	\$13,074,287
NHS	\$445,658	\$445,658	\$0	\$0	\$0	\$0	\$0	\$0	\$445,658	\$445,658
RSTP (2)	\$9,198,039	\$9,198,039	\$241,257	\$241,257	\$555,402	\$555,402	\$1,268,622	\$1,268,622	\$11,263,320	\$11,263,320
STP	\$1,784,865	\$1,784,865	\$404,106	\$404,106	\$3,439,781	\$3,439,781	\$787,907	\$787,907	\$6,416,659	\$6,416,659
TAP	\$362,061	\$362,061	\$0	\$0	\$0	\$0	\$0	\$0	\$362,061	\$362,061
<b>Subtotal -- Federal</b>	<b>\$30,109,362</b>	<b>\$30,109,362</b>	<b>\$6,501,993</b>	<b>\$6,501,993</b>	<b>\$4,942,691</b>	<b>\$4,942,691</b>	<b>\$2,599,486</b>	<b>\$2,599,486</b>	<b>\$44,153,532</b>	<b>\$44,153,532</b>
<b>Other</b>										
Non-Federal	\$694,245	\$694,245	\$0	\$0	\$0	\$0	\$0	\$0	\$694,245	\$694,245
State Match	\$4,210,044	\$4,210,044	\$207,041	\$207,041	\$704,311	\$704,311	\$645,433	\$645,433	\$5,766,829	\$5,766,829
<b>Subtotal -- Other</b>	<b>\$4,904,289</b>	<b>\$4,904,289</b>	<b>\$207,041</b>	<b>\$207,041</b>	<b>\$704,311</b>	<b>\$704,311</b>	<b>\$645,433</b>	<b>\$645,433</b>	<b>\$6,461,074</b>	<b>\$6,461,074</b>
<b>Total</b>	<b>\$35,013,651</b>	<b>\$35,013,651</b>	<b>\$6,709,034</b>	<b>\$6,709,034</b>	<b>\$5,647,002</b>	<b>\$5,647,002</b>	<b>\$3,244,919</b>	<b>\$3,244,919</b>	<b>\$50,614,606</b>	<b>\$50,614,606</b>
<b>Federal - ACC (1)</b>										
BR	\$0	\$0	\$32,350	\$32,350	\$1,515,201	\$1,515,201	\$1,275,578	\$1,275,578	\$2,823,129	\$2,823,129
CM	\$321,419	\$321,419	\$80,000	\$80,000	\$0	\$0	\$0	\$0	\$401,419	\$401,419
NHPP	\$0	\$0	\$2,214,652	\$2,214,652	\$6,900,228	\$6,900,228	\$1,373,341	\$1,373,341	\$10,488,221	\$10,488,221
RSTP (2)	\$0	\$0	\$126,568	\$126,568	\$222,063	\$222,063	\$18,568	\$18,568	\$367,199	\$367,199
STP	\$292,233	\$292,233	\$0	\$0	\$0	\$0	\$0	\$0	\$292,233	\$292,233
TAP/F	\$227,672	\$227,672	\$0	\$0	\$0	\$0	\$0	\$0	\$227,672	\$227,672
<b>Subtotal -- Federal - ACC (1)</b>	<b>\$841,324</b>	<b>\$841,324</b>	<b>\$2,453,570</b>	<b>\$2,453,570</b>	<b>\$8,637,492</b>	<b>\$8,637,492</b>	<b>\$2,667,487</b>	<b>\$2,667,487</b>	<b>\$14,599,873</b>	<b>\$14,599,873</b>
<b>Multiple MPOs - Federal (3)</b>										
NHPP	\$8,115,954	\$8,115,954	\$2,214,652	\$2,214,652	\$6,900,228	\$6,900,228	\$0	\$0	\$17,230,834	\$17,230,834
STP	\$0	\$0	\$0	\$0	\$0	\$0	\$1,373,341	\$1,373,341	\$1,373,341	\$1,373,341
<b>Subtotal -- Multiple MPOs - Federal (3)</b>	<b>\$8,115,954</b>	<b>\$8,115,954</b>	<b>\$2,214,652</b>	<b>\$2,214,652</b>	<b>\$6,900,228</b>	<b>\$6,900,228</b>	<b>\$1,373,341</b>	<b>\$1,373,341</b>	<b>\$18,604,175</b>	<b>\$18,604,175</b>

## Tri-Cities Area Transportation Improvement Program FY 2015 – FY 2018

FFY 2015 - 2018

Fund Source	FFY 2015		FFY 2016		FFY 2017		FFY 2018		TOTAL	
	Estimated Revenue	Proposed Commitment	Estimated Revenue	Proposed Commitment						
<b>Statewide - Federal (4)</b>										
NHPP	\$9,895,477	\$9,895,477	\$38,025,314	\$38,025,314	\$56,531,124	\$56,531,124	\$59,594,591	\$59,594,591	\$164,046,506	\$164,046,506
STP	\$20,674,752	\$20,674,752	\$7,500,000	\$7,500,000	\$10,123,510	\$10,123,510	\$0	\$0	\$38,298,262	\$38,298,262
<b>Subtotal -- Statewide - Federal (4)</b>	<b>\$30,570,229</b>	<b>\$30,570,229</b>	<b>\$45,525,314</b>	<b>\$45,525,314</b>	<b>\$66,654,634</b>	<b>\$66,654,634</b>	<b>\$59,594,591</b>	<b>\$59,594,591</b>	<b>\$202,344,768</b>	<b>\$202,344,768</b>
<b>Maintenance - Federal (5)</b>										
BR/BROS	\$1,721,001	\$1,721,001	\$2,093,426	\$2,093,426	\$2,465,851	\$2,465,851	\$2,465,850	\$2,465,850	\$8,746,128	\$8,746,128
NHPP	\$9,379,031	\$9,379,031	\$56,274,186	\$56,274,186	\$56,274,186	\$56,274,186	\$51,584,671	\$51,584,671	\$173,512,074	\$173,512,074
STP	\$30,971,230	\$30,971,230	\$29,078,980	\$29,078,980	\$25,008,902	\$25,008,902	\$27,319,571	\$27,319,571	\$112,378,683	\$112,378,683
<b>Subtotal -- Maintenance - Federal (5)</b>	<b>\$42,071,262</b>	<b>\$42,071,262</b>	<b>\$87,446,592</b>	<b>\$87,446,592</b>	<b>\$83,748,939</b>	<b>\$83,748,939</b>	<b>\$81,370,092</b>	<b>\$81,370,092</b>	<b>\$294,636,885</b>	<b>\$294,636,885</b>

- (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.
- (5) Maintenance Projects - Funding to be obligated for maintenance projects as identified.

**Tri-Cities Area Transportation Improvement Program  
FY 2015 – FY 2018**

**Table A – 3 Supplemental Tri-Cities Area Highway Improvement Revenues by Source FY 2015 – FY 2018**

	Amount
Local/State Revenue Sharing	\$9,500,000
VA Military Strategic Response Funds	1,900,000
2008 & 2009 Congressional Earmark – Prince George	2,160,000
Private	0
<b>Total</b>	<b>\$13,560,000</b>

**Project Selection and Prioritization - Transit Assistance Programs**

The U.S. Department of Transportation uses the urbanized area unit to make sub-state allocations for certain federal programs. The urbanized area unit is a geographic unit defined by the U.S. Census Bureau based on land area, population and population density criteria. On May 1, 2002, the U.S. Office of Management and Budget redefined urbanized areas based on revised nationwide criteria and 2000 census data. As a result of this redefinition, the Petersburg, Colonial Heights, Hopewell and the Richmond urbanized areas were merged to form a newly defined Richmond Urbanized Area with a combined 2000 population of 818,836. Petersburg Area Transit is a federally designated recipient for Section 5307 transit formula funds in the Richmond Urbanized Area.

Beginning with Federal FY 2003, allocations by the Federal Transit Administration (FTA) for transit capital formula funds under the Section 5307 Program and the Job Access and Reverse Commute Program are made to the Richmond Urbanized Area as one unit. The two transit operators in the Richmond Urbanized Area have developed a process for allocating federal capital funds under these federal programs.

Federal transit capital funds under the Section 5310 program for elderly individuals and individuals with disabilities are administered at the State level by the Virginia Department of Rail and Public Transportation (VDR&PT). Qualified local agencies apply to VDR&PT for Section 5310 grants on an annual basis for eligible projects.

**Tri-Cities Area Transportation Improvement Program  
FY 2015 – FY 2018**

Pursuant to metropolitan planning regulations under 23 CFR Part 450.306(g) and 49 U.S.C. of SAFETEA-LU, the preparation of coordinated public transit-human services transportation plans are required at the urbanized area level in conjunction with the 5310, 5316 and 5317 programs. In the Richmond Urbanized Area, the VDR&PT is the lead agency for this planning effort. A study process has been established and a human services mobility coordination plan has been developed. Both the Richmond and Tri-Cities MPOs have endorsed the Greater Richmond Transit Company (GRTC) as the recipient for Section 5316 and Section 5317 funds in the Richmond, VA Urbanized Area. At this time, there is no federally designated recipient for the section 5316 and 5317 programs in the Richmond, VA Urbanized Area. Grant funds under the 5316 program are being continued while efforts are being continued to secure federal designation for a recipient under these transit programs.

**Transit Improvement Projects**

Petersburg Area Transit (PAT) is the federally designated local transit operator for fixed-route public mass transit service in the Tri-Cities Area. PAT routes serve the City of Petersburg, portions of Prince George, Colonial Heights, Hopewell, Dinwiddie and the village of Ettrick, located in Chesterfield County. The 2010 Transit Development Plan (TDP), adopted by the MPO in January 2011, identifies PAT’s anticipated capital and operating needs for the FY15 – FY18 time period. Transit improvement projects identified in Table B are consistent with the 2010 TDP update and are based on the assumption PAT will continue to provide the existing level of transit services. In addition, PAT will continue operating the Hopewell Circulator Route after this 36-month Congestion Mitigation and Air Quality funded demonstration project ends in August 2014. The City of Hopewell has agreed to fund the local subsidy for the Hopewell Circulator Route from August 2014 through June 30, 2015.

**Table B – Transit Projects  
Tri-Cities Metropolitan Planning Organization**

	Previous Funding	FY 2015	FY 2016	FY 2017	FY 2018	Total FY 2015-2018
<b>TRI-CITIES METROPOLITAN PLANNING ORGANIZATION</b>						
STIP ID:	<b>PAT0001</b>	Title: Operating Assistance			Recipient: <b>Petersburg Area Transit</b>	
FTA 5307		700	700	700	700	FTA 5307 <b>2,800</b>
State		639	639	639	639	State <b>2,556</b>
Local		1,060	1,060	1,060	1,060	Local <b>4,240</b>
Revenues		394	394	394	394	Revenues <b>1,576</b>
<b>Year Total:</b>	-	<b>2,793</b>	<b>2,793</b>	<b>2,793</b>	<b>2,793</b>	<b>Total Funds: 11,172</b>

**Tri-Cities Area Transportation Improvement Program  
FY 2015 – FY 2018**

Description:							
STIP ID:	<b>PAT0002</b>	Title: Acquire Mobile Fare Collection Equipment			Recipient: <b>Petersburg Area Transit</b>		
FTA 5307						FTA 5307	-
State						State	-
Local						Local	-
<b>Year Total:</b>	-	-	-	-	-	<b>Total Funds:</b>	-
Description:							
STIP ID:	<b>PAT0003</b>	Title: 1% Security Expenditures			Recipient: <b>Petersburg Area Transit</b>		
FTA 5307		46				FTA 5307	46
State						State	0
Local		9				Local	9
<b>Year Total:</b>	-	<b>55</b>	-	-	-	<b>Total Funds:</b>	<b>55</b>
Description:							
STIP ID:	<b>PAT0004</b>	Title: Other Capital Projects			Recipient: <b>Petersburg Area Transit</b>		
FTA 5307			16	16	16	FTA 5307	48
State			2	2	2	State	6
Local			2	2	2	Local	6
<b>Year Total:</b>	-	-	<b>20</b>	<b>20</b>	<b>20</b>	<b>Total Funds:</b>	<b>60</b>
Description:							
STIP ID:	<b>PAT0005</b>	Title: Improve Phone System			Recipient: <b>Petersburg Area Transit</b>		
FTA 5307		16				FTA 5307	16
State		3				State	3
Local		1				Local	1
<b>Year Total:</b>	-	<b>20</b>	-	-	-	<b>Total Funds:</b>	<b>20</b>
Description:							
STIP ID:	<b>PAT0007</b>	Title: Technology Introduction			Recipient: <b>Petersburg Area Transit</b>		
FTA 5307		125	80			FTA 5307	205
State			10			State	10
Local		25	10			Local	35
<b>Year Total:</b>	-	<b>150</b>	<b>100</b>	-	-	<b>Total Funds:</b>	<b>250</b>
Description:							
STIP ID:	<b>PAT0009</b>	Title: Shop Equipment			Recipient: <b>Petersburg Area Transit</b>		
FTA 5307		60				FTA 5307	60
State		12				State	12

**Tri-Cities Area Transportation Improvement Program  
FY 2015 – FY 2018**

Local		3				Local	3
<b>Year Total:</b>	-	75	-	-	-	<b>Total Funds:</b>	75
Description:							
STIP ID:	<b>PAT0010</b>		Title: Surveillance/Security Equipment			Recipient: <b>Petersburg Area Transit</b>	
FTA 5307						FTA 5307	-
State						State	-
Local						Local	-
<b>Year Total:</b>	-	-	-	-	-	<b>Total Funds:</b>	-
Description:							
STIP ID:	<b>PAT0012</b>		Title: 1% Transit Enhancements			Recipient: <b>Petersburg Area Transit</b>	
FTA 5307		28				FTA 5307	28
State		-				State	-
Local		6				Local	6
<b>Year Total:</b>	-	34	-	-	-	<b>Total Funds:</b>	34
Description:							
STIP ID:	<b>PAT0013</b>		Title: Replacement Rolling Stock			Recipient: <b>Petersburg Area Transit</b>	
FTA 5307		136	80	56		FTA 5307	272
State		27	10	7		State	44
Local		7	10	7		Local	24
<b>Year Total:</b>		170	100	70		<b>Total Funds:</b>	340
Description:							
STIP ID:	<b>PAT0018</b>		Title: Misc. Support Equipment			Recipient: <b>Petersburg Area Transit</b>	
FTA 5307						FTA 5307	
State						State	
Local						Local	
<b>Year Total:</b>						<b>Total Funds:</b>	
Description:							
STIP ID:	<b>PAT0029</b>		Title: Rehab/Renovate Bus Maintenance Facility			Recipient: <b>Petersburg Area Transit</b>	

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FTA 5339		260	132	132	132	FTA 5339	<b>656</b>
State			26	26	26	State	<b>78</b>
Local		52	5	5	5	Local	<b>67</b>
<b>Year Total:</b>		<b>312</b>	<b>163</b>	<b>163</b>	<b>163</b>	<b>Total Funds:</b>	<b>801</b>
Description:							
STIP ID:	<b>PAT0030</b>	Title: Rehab/Renovate Bus Maintenance			Recipient: <b>Petersburg Area Transit</b>		
FTA 5307		40	-	-	-	FTA 5307	<b>40</b>
State			-	-	-	State	<b>-</b>
Local		8	-	-	-	Local	<b>8</b>
<b>Year Total:</b>		<b>48</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>Total Funds:</b>	<b>48</b>
Description:							
STIP ID:	<b>PAT0031</b>	Title: Renovation of Admin Building			Recipient: <b>Petersburg Area Transit</b>		
FTA 5307		400				FTA 5307	<b>400</b>
State		80				State	<b>80</b>
Local		20				Local	<b>20</b>
<b>Year Total:</b>		<b>500</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>Total Funds:</b>	<b>500</b>
Description:							
STIP ID:	<b>PAT0032</b>	Title: Expansion Rolling Stock			Recipient: <b>Petersburg Area Transit</b>		
FTA 5307		180				FTA 5307	<b>180</b>
State		24				State	<b>24</b>
Local		6				Local	<b>6</b>
<b>Year Total:</b>		<b>210</b>				<b>Total Funds:</b>	<b>210</b>
Description:							
STIP ID:	<b>PAT0033</b>	Title: ADP Hardware			Recipient: <b>Petersburg Area Transit</b>		
FTA 5307						FTA 5307	<b>-</b>
State						State	<b>-</b>
Local						Local	<b>-</b>
<b>Year Total:</b>				<b>-</b>	<b>-</b>	<b>Total Funds:</b>	<b>-</b>
Description:							
STIP ID:	<b>PAT0034</b>	Title: Support Vehicles			Recipient: <b>Petersburg Area Transit</b>		
FTA 5307			20		80	FTA 5307	<b>100</b>
State			3		10	State	<b>13</b>
Local			2		10	Local	<b>12</b>
<b>Year Total:</b>			<b>25</b>	<b>-</b>	<b>100</b>	<b>Total Funds:</b>	<b>125</b>

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Description:							
STIP ID:	<b>PAT0035</b>		Title: Preventative Maintenance			Recipient: <b>Petersburg Area Transit</b>	
FTA 5307		721				FTA 5307	<b>721</b>
State						State	-
Local		144				Local	<b>144</b>
<b>Year Total:</b>	-	<b>865</b>	-	-	-	<b>Total Funds:</b>	<b>865</b>
Description:							
STIP ID:	<b>HRHA001</b>		Title: Paratransit Vehicles			Recipient: <b>Hopewell Redevelopment and Housing Authority</b>	
FTA 5310						FTA 5310	-
State						State	-
Local	-					Local	-
<b>Year Total:</b>	-	-	-	-	-	<b>Total Funds:</b>	-
Description:							
STIP ID:	<b>CDA002</b>		Title: Paratransit Vehicles			Recipient: <b>Crater District AAA/FPG</b>	
FTA 5310						FTA 5310	-
State						State	-
Local						Local	-
Year Total						<b>Total Funds</b>	-
<b>Petersburg Area Transit</b>	Previous Funding	FY 2015	FY 2016	FY 2017	FY 2018	Total FY 2015-2018	
FTA 5307	-	2,452	896	772	796	FTA 5307	4,916
FTA 5310	-	-	-	-	-	FTA 5310	-
FTA 5311	-	-	-	-	-	FTA 5311	-
FTA 5314	-	-	-	-	-	FTA 5314	-
FTA 5339	-	260	132	132	132	FTA 5339	656
JARC	-	-	-	-	-	JARC	-
New Freedom	-	-	-	-	-	New Freedom	-
Flexible STP	-	-	-	-	-	Flexible STP	-
Other Federal	-	-	-	-	-	Other Federal	-
State	-	785	690	674	677	State	2,826
Local	-	1,341	1,089	1,074	1,077	Local	4,581
Revenues	-	394	394	394	394	Revenues	1,576
CMAQ	-	-	-	-	-	CMAQ	-
RSTP	-	-	-	-	-	RSTP	-
<b>Totals</b>	-	<b>5,232</b>	<b>3,201</b>	<b>3,046</b>	<b>3,076</b>		<b>14,555</b>

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<b>Other Human Service Transportation Providers</b>	Previous Funding	FY 2015	FY 2016	FY 2017	FY 2018	Total FY 2015-2018	
FTA 5307	-	-	-	-	-	FTA 5307	-
FTA 5310	-	-	-	-	-	FTA 5310	-
FTA 5311	-	-	-	-	-	FTA 5311	-
FTA 5314	-	-	-	-	-	FTA 5314	-
FTA 5339	-	-	-	-	-	FTA 5339	-
JARC	-	-	-	-	-	JARC	-
New Freedom	-	-	-	-	-	New Freedom	-
Flexible STP	-	-	-	-	-	Flexible STP	-
Other Federal	-	-	-	-	-	Other Federal	-
State	-	-	-	-	-	State	-
Local	-	-	-	-	-	Local	-
Revenues	-	-	-	-	-	Revenues	-
CMAQ	-	-	-	-	-	CMAQ	-
RSTP	-	-	-	-	-	RSTP	-
<i>Totals</i>	-	-	-	-	-		-
<b>Tri-Cities MPO</b>	Previous Funding	FY 2015	FY 2016	FY 2017	FY 2018	Total FY 2015-2018	
FTA 5307	-	2,452	896	772	796	FTA 5307	4,916
FTA 5310	-	-	-	-	-	FTA 5310	-
FTA 5311	-	-	-	-	-	FTA 5311	-
FTA 5314	-	-	-	-	-	FTA 5314	-
FTA 5339	-	260	132	132	132	FTA 5339	656
JARC	-	-	-	-	-	JARC	-
New Freedom	-	-	-	-	-	New Freedom	-
Flexible STP	-	-	-	-	-	Flexible STP	-
Other Federal	-	-	-	-	-	Other Federal	-
State	-	785	690	674	677	State	2,826
Local	-	1,350	1,089	1,074	1,077	Local	4,590
Revenues	-	394	394	394	394	Revenues	1,576
CMAQ	-	-	-	-	-	CMAQ	-
RSTP	-	-	-	-	-	RSTP	-
<i>Totals</i>	-	5,232	3,201	3,046	3,076		14,555

**Tri-Cities Area Transportation Improvement Program  
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**Table B – 1**

**Multi-Modal Improvement**

District	Project Description	Sponsor	Estimated Cost	Funding Sources	Cost Distribution
Richmond	Multi—Modal Passenger Station NEPA Study	Crater Planning District Commission	\$493,760	Federal \$294,000	59.5%
				State 180,000	36.5%
				Local <u>19,760</u>	<u>4.0%</u>
				\$493,760	100.0%

**Financial Assumptions – FY 2015 – FY 2018 Transportation Improvement Program (TIP)**

The TIP financial plan is federally required to include only committed and/or reasonably available transportation funding sources. In air quality nonattainment or maintenance areas, projects in the first two years are limited to those for which funds are available or committed. The following information has been provided by VDOT for inclusion in the FY2015 – FY2018 TIP.

The FY2014 – 2045 Constrained Long Range Plan (statewide) in Virginia is based on the FY2014 – 2019 Six-Year Financial Plan (SYFP) and Six-Year Improvement Program (SYIP) adopted by the Commonwealth Transportation Board in June 2013.

The 2014-2045 CLRP is based on the FY2014-2019 SYFP and SYIP. The out years are based on the trends in the current plans and as detailed below.

**Revenue**

The total value of the CLRP is \$219 billion.

State Revenue

- The average state revenue growth for FY2014-2019 is 5%.

## **Tri-Cities Area Transportation Improvement Program FY 2015 – FY 2018**

- For years 2020 and beyond, growth rates have been determined for each revenue source with recent consultation with the Department of Taxation and average 2.1%.

### Federal Revenue

- Based on the current federal program, potential reductions due to lack of funding or potential increase program are not considered.
- There is no growth estimated for federal revenues. The status of the funding provided and current funding levels provided by the federal Highway Trust Fund (HTF) is not set beyond federal fiscal year 2014 and current funding levels are unsustainable without funding assistance. In recent years, Congress has avoided shortfalls by transferring funds from the general fund of the Treasury to the HTF. Lawmakers may choose to continue to make additional transfers or address the revenue dedicated to the Highway Trust Fund. This uncertainty does not allow for projecting a growing source of funding.

### **Allocation to Districts and to MPOs**

- Other Administrative Programs includes the following:
  - 699 – Administrative and Support Services
  - 514 – Environmental Monitoring and Evaluation
  - 60315 – Construction Management
  - 602 – Ground Transportation Planning and Research
- Maintenance allocations include Highway System Maintenance and Operations for VDOT-maintained roads and
- Financial Assistance for City and County Road Maintenance. These funds are divided amongst the districts based on the district's six year average share (2007 – 2013).
- Once district amounts for Maintenance are obtained, population percentages are applied to determined MPO amounts.
- Construction allocations are distributed according to the SYIP for FY2014-2019 after those funds are allocated thusly:
  - Bridge needs of the districts were provided by Structure & Bridge Division
  - Interstate needs of the districts provided by Transportation and Mobility Planning Division
  - Interstate and Primary needs with the allocation distribution from the end of the six-year improvement program were used to determine the distribution of the federal discretionary funding to the MPOs through the life of the CLRP. No determination is applied as to what highway system the funds should be allocated.

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- VDOT specific programs were held as statewide amounts and were not distributed to the MPOs
- Construction Formula Allocations – represents the total distribution to the highway systems
  - Primary – The estimated amounts to the urbanized areas of these program funds are developed utilizing the share of the urbanized area’s population of the respective construction districts where these areas reside.
  - Secondary – Secondary system construction allocations are, as per the *Code of Virginia*, developed to the county level. These county amounts include construction, unpaved road funds and telecommunication fees. The estimated amounts of these funds to the urbanized areas are based on the urbanized area’s share of the respective county population that lies within the specific area.
  - Urban – The Urban system construction allocations are, as per the *Code of Virginia*, allocated to the municipalities based on population. The estimated amounts to the urbanized areas are the allocations to the cities and towns that are within the respective urbanized area boundaries.

**Comparison to Previous Constrained Long Range Plan (CLRP)**

The comparison provided below represents the same fiscal year spans that were in the previous CLRP that are also in the current CLRP. These are fiscal years 2014 – 2040. This comparison does not include funds that are not directly tied to a MPO for this analysis. The total CLRP does not contain funds that are not affiliated with a MPO and extends to fiscal year 2045. There are significant reductions to the Construction allocations will the Construction – Formula funding is not provided for the CLRP update. The reduction in Construction from the previous CLRP is primarily due to the removal of any planned growth in federal funding. The estimates provided in the Construction – Formula allocations are relying on growth in State revenue from the new and continuing sources of funding.

**Statewide (in millions)**

	FY 2012 – FY2040 CLRP (2014-2040)	FY 2014 – FY2040 CLRP (2014 – 2040)	Difference
Maintenance - VDOT	30,676.4	31,395.7	719.2
Maintenance - Localities	11,183.0	12,767.0	1,584.0

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Admin. and Other Areas	2,076.2	2,157.2	81.1
Construction	14,263.8	8,199.2	(6,064.6)
Construction-Formula	-	9,416.9	9,416.9
HB2313 Regional Funds		12,517.9	12,517.0
<b>Total</b>	<b>58,199.5</b>	<b>76,454.0</b>	<b>18,254.5</b>