



# **TRANSPORTATION IMPROVEMENT PROGRAM**

For the Metropolitan Washington Region

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## **FY 2013 – 2018**



# **DRAFT**

## **FOR PUBLIC COMMENT**

### **JUNE 14, 2012**

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**National Capital Region Transportation Planning Board  
Metropolitan Washington Council of Governments**

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## I. INTRODUCTION

The National Capital Region Transportation Planning Board (TPB), the designated Metropolitan Planning Organization (MPO) for the Washington region, has responsibilities for both long-term transportation planning covering the next two to three decades (the Plan) and short-term programming of projects covering the next six years (the Transportation Improvement Program or TIP). The planning horizon for the plan is from 2010 to 2040. The plan identifies the highway and high occupancy vehicle (HOV) facilities, public transit and bicycle and pedestrian improvements, major studies, and transportation strategies that can be implemented by 2040, within financial resources "reasonably expected to be available."

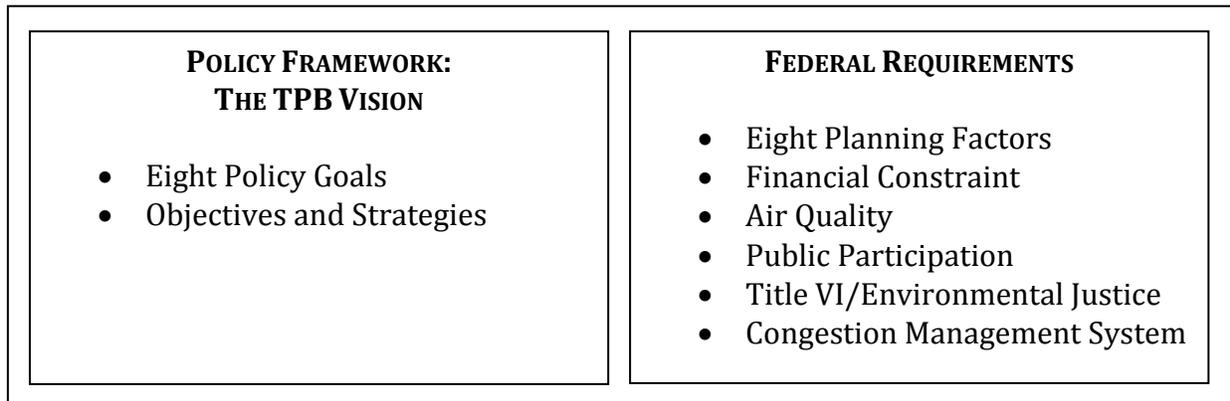
On October 18, 2006, the TPB adopted the region's financially-constrained Long-Range Transportation Plan (CLRP). The 2006 CLRP was the first plan update prepared under the Safe, Accountable, Flexible, and Efficient Transportation Equity Act - A Legacy for Users (SAFETEA-LU) which became law in August 2005. The Plan has been updated annually since then. The 2011 CLRP was adopted on November 16, 2011.

This is the sixth TIP prepared under SAFETEA-LU, and it was developed according to the final metropolitan planning regulations issued by the Federal Highway Administration (FHWA) and the Federal Transit Administration (FTA) on February 14, 2007. As a product of the urban transportation planning process, it outlines the staged development of the CLRP, with priority projects selected for programming by the TPB, the states and the transit agencies presented in the first and second year of the six-year program. The TIP only includes projects in the first two years for which funds are available and committed. State, regional and local transportation agencies update the program each year in response to a Call for Projects document issued by the TPB each fall.

### **Overview of the Policy Framework and Federal Requirements**

The CLRP and TIP must address the policy framework, which is the TPB Vision, and federal requirements, which together comprise the key criteria for the development of the CLRP and TIP, summarized in Figure 1 on the following page. The full TPB Vision which includes policy goals, objectives and strategies can be found at the TPB website: [www.mwcog.org/transportation](http://www.mwcog.org/transportation). The eight policy goals are shown in Figure 2 on the next page. The CLRP and TIP also must meet federal planning requirements including the consideration of specific planning factors, financial constraint, air quality conformity, public involvement, Title VI of the Civil Rights Act of 1964, and a Congestion Management System. The federal planning requirements are described in more detail in Section III, page 15.

**Figure 1: Key Criteria for Developing the Plan and Transportation Improvement Program (TIP)**



**Figure 2: The TPB Vision Policy Goals**

1. The Washington metropolitan region's transportation system will provide **reasonable access at reasonable cost** to everyone in the region.
2. The Washington metropolitan region will develop, implement, and maintain an interconnected transportation system that enhances quality of life and promotes a strong and growing economy throughout the entire region, including a **healthy regional core and dynamic regional activity centers** with a mix of jobs, housing and services in a walkable environment.
3. The Washington metropolitan region's transportation system will give priority to **management, performance, maintenance, and safety of all modes and facilities**.
4. The Washington metropolitan region will use the **best available technology** to maximize system effectiveness.
5. The Washington metropolitan region will plan and develop a transportation system that enhances and protects the region's **natural environmental quality, cultural and historic resources, and communities**.
6. The Washington metropolitan region will achieve better inter-jurisdictional **coordination of transportation and land use planning**.
7. The Washington metropolitan region will achieve an **enhanced funding mechanism(s)** for regional and local transportation system priorities that cannot be implemented with current and forecasted federal, state, and local funding.
8. The Washington metropolitan region will support options for **international and interregional travel and commerce**.

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## **II. FEATURES OF THE TRANSPORTATION IMPROVEMENT PROGRAM**

This document is a multi-modal listing of the public transit, highway and HOV, bicycle and pedestrian improvements as well as ridesharing programs, transportation emission reduction measures (TERMs), and studies for which the obligation of funds has been programmed. It documents the cost, implementation phasing, sources and types of funds, and describes each project included in the program.

The TIP serves several purposes. It is an expression of intent to implement specific facilities and projects in the CLRP through the selection of priority projects during the initial six-year period of the plan. It provides a medium for local elected officials, agency staffs, and interested members of the public to review and comment on the priorities assigned to the selected projects. Finally, the TIP establishes eligibility for federal funding for those projects selected for implementation during the first program year. The TIP only includes projects in the first two years for which funds are available and committed.

This TIP covers the six-year period FY 2013 to 2018. It identifies a list of projects and project segments to be carried out with federal funding under SAFETEA-LU. It is formally updated every two years by the TPB.

The TIP is not intended to be a capital improvement program (CIP). A CIP shows the estimated expenditure on projects over the program period. The TIP, on the other hand, programs the advancement of projects through the obligation of federal funds. Once federal funds have been obligated for a project, it might not appear again in a subsequent TIP. A project would appear in a CIP, however, as long as funds are being expended on it. With regard to the TIP, a project would be programmed for several different years if it was contemplated that the obligation of federal funds would be sought for different implementation phases of the project during those years. Each year, the TPB publishes on its web site a listing of projects, consistent with the categories in the TIP, for which federal funds have been obligated in the preceding year. A summary listing of the new, completed, delayed, reprogrammed and withdrawn major projects compared to the FY 2011-2016 TIP is on page 21.

### **Listing of Projects**

The first and second years of the program contain a priority listing of those projects selected for funding. Each transportation improvement project must be included in the first or second year at key stages in its implementation (preliminary engineering, right-of-way acquisition, and construction) as a basis and condition for all federal funding assistance. This includes all SAFETEA-LU funding under Title I (Surface Transportation) and Title III (Transit) to state, local, and regional implementing agencies for highway, transit, bicycle and pedestrian capital improvements and transit operating assistance. Projects are grouped according to the agency or jurisdiction responsible for implementation.

A series of codes and notes are provided to indicate the funding sources and which phases of the projects are planned for implementation. Identification of the funding source is for programming purposes only, and does not necessarily represent approval from the appropriate federal agency. Projects may appear in programs at various times: when applications for federal funds are made for preliminary engineering, right-of-way acquisition, construction, study or other. Codes and symbols for these phases and for funding sources are defined in the “Key to Codes” following the improvement tables.

All projects in the TIP come from the CLRP. In addition, a number of projects appear in the TIP which are minor in nature, but are shown in order to establish eligibility for federal funding assistance. Also, some non-federally funded projects are shown, which are either recommended in the Plan, or are considered regionally significant and important to identify for air quality analysis and informational purposes.

### How to Read the TIP

	Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total	
<b>a</b>	<b>MD 5, Branch Avenue</b>										
	TIP ID: 4882 Agency ID: PG1751		Title: MD 5/MD 373/Brandywine Road Relocated Interchange							Complete: 2016	
	Facility: MD 5 at		HPP	80/20/0	4,965 a						
<b>c</b>	From: MD 373 /Brandywine Road Relocated		NHS	80/20/0	1,400 a	1,000 a	600 a			3,000	
	To:									Total Funds: 3,000	
<b>d</b>	Description: Construct a new interchange at MD 5, MD 373 and Brandywine Road Relocated. Bicycle and pedestrian access will be included as part of this project where appropriate. This interchange will be constructed in multiple phases. Phase 1 of this project includes widening existing MD 5 from 4 to 6 lanes from US 301 to north of MD 373 (1.07 miles). The widening will be done in the median, and will be part of the overall interchange. 										
<b>e</b>	TIP ID: 5555 Agency ID: PG1752 Title: MD 5/MD 373/Brandywine Rd Relocated Phase I Complete: 849										
	Facility: MD 5		HPP	80/20/0	3,747 b	849 b				849	
	From: MD 373				2,634 c						
	To: US 1		STP	80/20/0	2,886 c						
										Total Funds: 849	
	Description: Widen existing MD 5 from 4 to 6 lanes from north of MD 373 to US 301. 										

- a) CLRP “Parent” Project Name
- b) TIP Project Title
- c) Project Location and Limits
- d) Project Description
- e) TIP ID
- f) Agency’s Project ID Code
- g) Funding Source Code – See Key to Codes for definitions
- h) Percentage of each amount shown that comes from Federal, State, and Local sources.
- i) Sum of total funds from this source programmed prior to the first year of the TIP
- j) Amount of funds (in \$1,000s) from this source programmed in the Fiscal Year shown
- k) Percentage of each amount shown that comes from Federal, State, and Local sources.
- l) Project includes accommodations for bicyclists and/or pedestrians
- m) Sum of total funds from this source programmed prior to the first year of the TIP
- n) Total funds from this source programmed in the six active fiscal years of the TIP
- o) Projected completion date of the project

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## **Grouping of Projects**

Some projects in the program are considered to be inappropriate in scale for individual identification in the TIP. These include signalization, traffic engineering, various safety, noise abatement, modernization projects, preventive maintenance and rehabilitation that do not change the use or scale of existing facilities, and certain small-scale highway and transit projects. These types of projects are grouped together under type of project, funding source, and programming agency. In February 1994, the TPB approved a set of criteria for grouping projects based upon those project types that are exempt in the EPA air quality conformity regulations.

## **Procedures for TIP Administrative Modifications and Amendments**

On January 16, 2008, the TPB adopted procedures for processing revisions to its CLRP and TIP. A revision is a change to the CLRP or TIP that occurs between scheduled periodic updates. A minor revision is an administrative modification and a major revision is an amendment. These procedures are in accordance with the US DOT planning regulations at 23 CFR 450.

According to 23 CFR 450.326: TIP Revisions and Relationship to the STIP, the regional TIP projects must be included without change in a federally approved state transportation improvement program (STIP) in order for them to receive federal funding. In this region, the District of Columbia Department of Transportation (DDOT), the Maryland Department of Transportation (MDOT), and the Virginia Department of Transportation (VDOT) each provide the project descriptions and funding information for the development of the regional TIP and CLRP. Each DOT has adopted procedures for revising its STIP. When it becomes necessary for a DOT to revise the project information in the TIP, its procedures must be consistent with the TPB procedures for revising its regional TIP.

The TPB procedures are based upon the procedures adopted by DDOT, MDOT and VDOT. The procedures define what an administrative modification is and what an amendment is.

When it becomes necessary for a DOT to revise the information for a project in the CLRP or TIP, the agency will review the type of changes to the project and apply the above definitions to determine if it can be processed by the TPB as an administrative modification or an amendment. The DOT will then submit the project changes to the TPB and request that it take the appropriate action to approve either a project administrative modification or a project amendment.

### Administrative Modifications

The TPB has delegated approval of CLRP and TIP project administrative modifications to the Director, Department of Transportation Planning of the Metropolitan Washington Council of Governments. Requests for CLRP and TIP project administrative modifications will be submitted to the Director or his or designee. The requests will be

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reviewed and those meeting the definition of administrative modification will be approved and forwarded to the requesting implementing agency. All TPB approved requests for CLRP and TIP project administrative modifications will be posted on the TPB web site. Once approved by the appropriate state DOT, the administrative modification will be incorporated into the STIP and no federal action will be required.

### Amendments

Requests for CLRP and TIP project amendments will be submitted to the Chair of the TPB. The requests will be reviewed by TPB staff and those meeting the definition of an amendment will be presented to the TPB Steering Committee. The Steering Committee will consider and be asked to approve project amendments that are non-regionally significant. Under the TPB Bylaws, the Steering Committee "shall have the full authority to approve non-regionally significant items, and in such cases it shall advise the TPB of its action." The Steering Committee will consider and place all other project amendments on the TPB agenda for consideration and approval after meeting the applicable US DOT planning regulations for CLRP and TIP amendments.

All TPB approved requests for CLRP and TIP project amendments will be forwarded to the requesting DOT, the Federal Highway Administration (FHWA) and the Federal Transit Administration (FTA) and posted on the TPB web site. Once the TPB amendment is approved by the requesting DOT, the DOT will forward the amendment to FHWA and FTA for federal approval. After approval by FHWA and FTA, the amendment will be incorporated into the DOT's STIP. The FHWA and FTA approval will be addressed to the DOT with copies to the TPB.

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### III. DEVELOPMENT OF THE PROGRAM

#### Program Development Process

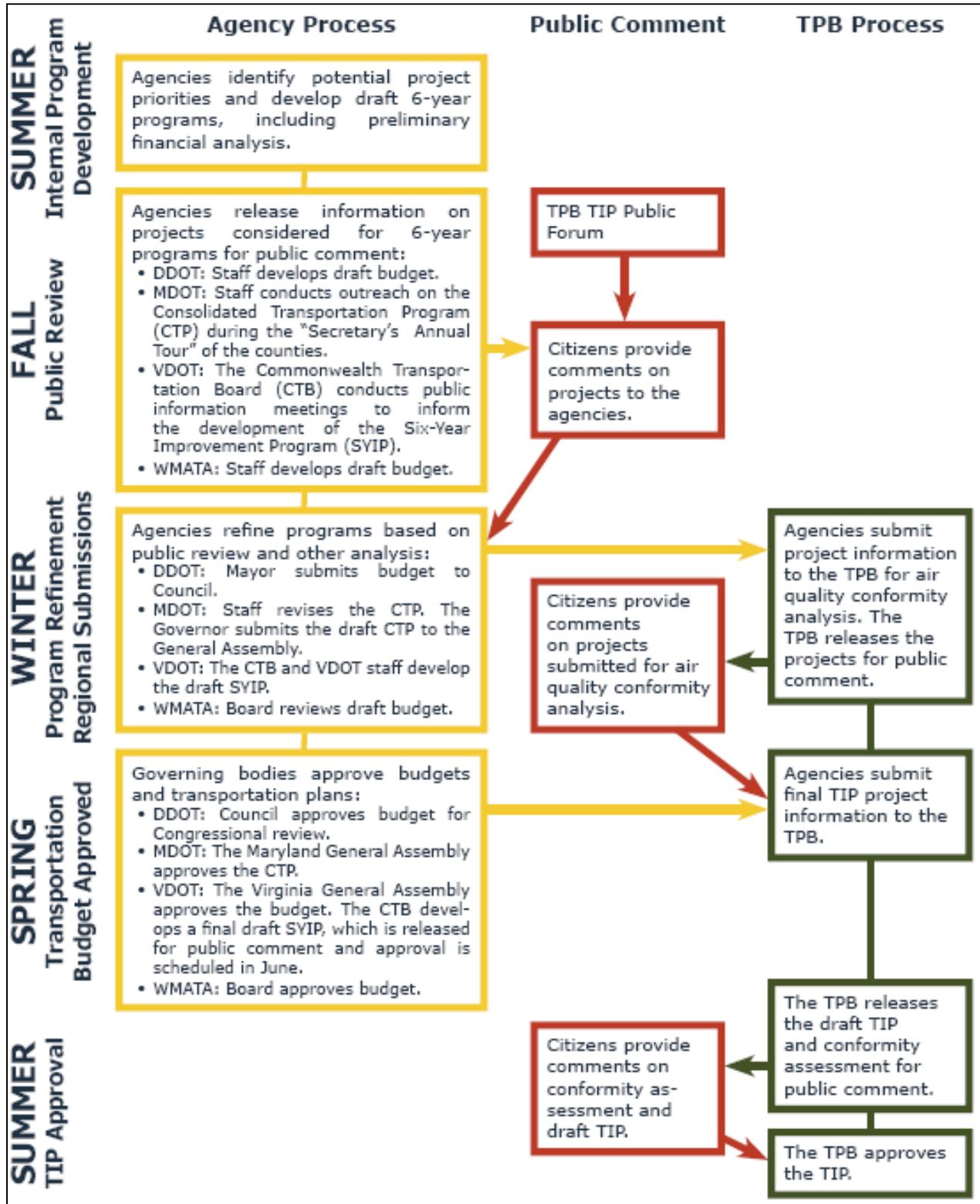
The TPB transportation planning process is an ongoing cycle, and each year the TPB approves amendments to the CLRP and the TIP that meet federal requirements and help to implement the TPB Vision. Preparatory work on this TIP and CLRP began in the fall 2011 *and it was approved on July 18, 2012*. Figure 3 below shows the annual TIP development and approval cycle. Many of the projects in the TIP are staged over several years. For example, a highway improvement project typically consists of a planning and engineering phase, right-of-way acquisition, and construction. Each of these phases may last one or more years. While the entire project is described in the CLRP, in many instances only a portion of these activities is programmed in the six-year TIP.

The TIP includes many projects from earlier years, as well as new projects. In October 2011, the TPB issued a Call for Projects document and the transportation implementing agencies submitted their proposed major projects in December 2011. In February 2012, the TPB approved the project submissions for inclusion in the air quality conformity analysis.

Between February and June, the implementing agencies obtained funding commitments and provided inputs for the draft TIP. TPB staff prepared the draft CLRP documentation, the draft TIP, and the draft air quality conformity analysis to be released for public comment in June with TPB approval scheduled in July.

In developing and approving the CLRP amendments and the new TIP, the TPB seeks to ensure consistency between the proposed plan and program and the TPB regional policy goals as defined in the TPB Vision and to meet all applicable federal planning requirements.

Figure 3: TIP Approval Process



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## **Project Development Process<sup>1</sup>**

The TPB Vision and the federal metropolitan planning requirements exert a direct influence on the types of projects that are developed and submitted to the TPB for inclusion in the CLRP and TIP. However, project development typically occurs at the state and local levels. Each state, the District of Columbia, and the Washington Metropolitan Area Transit Authority (WMATA) controls its own funding stream and each has its own system for moving projects forward. Within each state, projects may be pursued for a variety of reasons and may have multiple sponsors.

### Identifying Needs

Needs are identified through a variety of mechanisms throughout the region. Solutions are promoted by a number of different players. Here are some basic ways in which projects originate:

#### *Local Government Plans*

Transportation projects are often first identified through local planning, which is performed by county or municipal governments. Local comprehensive plans usually include a transportation element identifying specific projects that a local government has determined will be needed over the period of the plan-usually 20-25 years.

#### *Project Identification at the State Level*

The state DOTs each have methods for identifying projects needed to maintain the integrity of the transportation system, enhance safety or improve mobility. The states usually give highest priority to maintenance needs or structural deficiencies. Project recommendations are often based upon the state's regular analysis of pavements, bridges, congestion levels or safety issues. The states propose other projects that are system "enhancements" including trails or landscaping, or projects to serve air quality improvement goals, such as park-and-ride lots or ridesharing programs. In other cases, the states recommend "new capacity"-new or widened roads, or transit extensions. However, new projects have become less frequent as the region's transportation system matures and funding tightens.

#### *Regional Transit Plans and Studies*

WMATA regularly assesses the needs of the Metrorail, Metrobus, and MetroAccess systems, and identifies new service and projects. Like the state DOTs, WMATA places a priority on keeping the system in a state of good performance, including replacement of rail cars and buses, escalator and elevator repair and track maintenance. WMATA also studies and identifies system enhancements, such as bus service improvements and station access improvements. The Maryland Transit Administration, the Virginia

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<sup>1</sup>For a complete description with examples, See "A Citizens Guide to Transportation Decision-Making in the Washington Metropolitan Region," National Capital Region Transportation Planning Board, 2008.

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Department of Rail and Public Transportation and local transit agencies also perform their own studies, in addition to working with WMATA.

In September, 2008, planning staff presented a comprehensive inventory of Metro's capital improvement needs to the Metro Board of Directors. The Capital Needs Inventory (CNI), totaling more than \$11 Billion, will serve as the foundation for future capital programming and support the development of a regional funding strategy for Metro. Capital needs are divided into two categories: 1) Performance needs, which include projects that maintain and replace assets on a regular life cycle basis in order to deliver the same level of service; and 2) Customer/Demand needs, which include projects that help meet growing ridership and improve the rider's experience.

### *Corridor and Sub-Area Studies*

Major projects go through studies that look at a variety of transportation alternatives for particular "transportation corridors" or specific areas of the region. State agencies generally perform these studies, in cooperation with the TPB and in accordance with federal procedures. Corridors current under study include the I-95/395 and I-66 Corridors in Virginia, the I-270 Corridor in Maryland, and the Capital Beltway.

Federal regulations require corridor or sub-area studies to be performed when major metropolitan highway or transit investments are being considered. In particular, the National Environmental Policy Act (NEPA) requires a type of corridor study known as an Environmental Impact Statement (EIS) before certain types of major projects may be constructed.

Corridor and sub-area studies typically examine the costs and benefits of various alternatives, and how effectively the different options would "get the job done." They also measure other social, economic or environmental impacts. Federal law requires adequate public involvement opportunities.

Just because a preferred alternative is selected, however, does not mean it will be built. Project funding involves policy and budget decision making-usually at the state level.

### Long-Range Planning at the State Level

Each state has a long-range planning process that brings together project recommendations from local governments, the state DOTs, WMATA and other sources. A project does not have to appear in a state long-range plan in order to receive funding. However, the priorities established in these state plans often determine which projects get built. Unlike the CLRP, the long-range plans of the states and WMATA usually are not constrained by funding availability.

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## *Virginia*

Virginia has a number of long-range planning efforts that serve as the basis for project development. A 20-year statewide transportation plan, called VTrans2025, provides policy guidance for all transportation modes. The VTrans2025 final report, which was approved in 2005, identified 21 policy recommendations in the areas of funding and investment, land use, connectivity, priority setting, and sustaining the VTrans2025 vision.

VDOT also develops a 2025 State Highway Plan that recommends specific road improvements for the next 20 years. VDOT has also launched a prioritization process for the Highway Plan that uses a quantitative methodology to rank projects and recommend priorities for short-term funding.

Finally, the Northern Virginia Transportation Authority (NVTA) has its own long-range transportation plan. The most recent version of this plan, called TransAction 2030, was adopted in 2005. TransAction 2030 contains an ambitious multimodal list of projects, which are prioritized within eight transportation corridors. The plan identified more than \$15 billion in unfunded needs.

The priorities in TransAction 2030, together with VTrans2025 and the State Highway Plan, serve as the basis for Virginia's project submissions for the TPB's Constrained Long-Range Plan.

## *Maryland*

The Maryland Transportation Plan (MTP) establishes policy goals for state transportation services and infrastructure over the next 20 years. The MTP is a starting point for the development of strategic plans, programs and projects by MDOT's different agencies. The 2004 MTP laid out eight broad policy goals and specified some of MDOT's key project priorities, such as the InterCounty Connector, an express toll road between Laurel and Gaithersburg.

The 2009 Maryland Transportation Plan identifies five goals that support MDOT's mission and vision: Quality of Service, Safety & Security, System Preservation & Performance, Environmental Stewardship, and Connectivity for daily Life.

## *District of Columbia*

The District Department of Transportation (DDOT) is currently in the process of updating its Strategic Transportation Plan. The last plan was approved in 1997. The new plan, which has a horizon year of 2030, maintains the prior plan's transit recommendations with an emphasis on surface transit, including light rail. In addition, it focuses on maximizing travel efficiency, safety, and public space quality in major transportation corridors.

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The new D.C. Comprehensive Plan (the District's land use plan), which is the responsibility of the Office of Planning, promotes policies to increase the city's population. Accommodating additional travel demands will be a key element of the new Strategic Transportation Plan.

### *WMATA*

WMATA's 25-year Transit Service Expansion Plan, approved in 1999, proposed an ambitious long-term program of projects, including new rail lines and expanded bus service. Current Board policy requires expansion projects to be funded by the local jurisdiction. Examples of such projects include the Dulles Rail Extension in Virginia and the Purple Line in Maryland. Because WMATA does not have a funding source that it alone controls, the recommendations of the Expansion Plan were intended to guide the decisions made by WMATA's funding partners - the states, local governments and the federal government. Significant changes to the transit network are submitted for inclusion in the Constrained Long Range Plan (CLRP).

From 2005-2010, Metro's capital budget was funded by the "Metro Matters" funding agreement. This agreement set forth the funding responsibilities for each member jurisdiction. The 2013-2018 program in this TIP is based on the Capital Needs Inventory and on expected funding levels.

### Six-Year Programs at the State Level

Each state also has its own procedure for developing transportation programs-lists of projects to be funded in the next six years. These short-range programs are dependent upon the legislative approval of transportation budgets. At the conclusion of the budgeting and programming process in each state, the projects are submitted to the TPB for inclusion in the regional TIP. The annual process is ongoing; just as the old programming cycle is ending, the new cycle is getting started.

### *Virginia*

- The General Assembly approves funding for transportation in a two-year Appropriation Act.

Every two years, the Virginia General Assembly approves the two-year (biennial) Appropriation Act, which contains all statewide funding, including transportation spending. The revenues in the act are based largely upon estimates provided in the governor's Budget Bill. The estimates for transportation revenues are prepared by the Department of Taxation and the Virginia Department of Transportation.

The Appropriation Act generally allocates funding for broad transportation categories, not for individual projects, although the General Assembly sometimes earmarks funding for projects. After the first year of the biennial budget cycle is completed, the General Assembly has an opportunity to amend the budget.

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- The Virginia Commonwealth Transportation Board (CTB) annually approves the Six-Year Improvement Program.

Every year, the Commonwealth Transportation Board, which guides the work of the Virginia DOT much like a board of directors, develops the Six-Year Improvement Program (SYIP). This program allocates money for transportation projects that are proposed for construction (including engineering and right-of-way acquisition), development or study in the next six fiscal years. In developing the SYIP, the Board considers the priorities identified by VDOT from the State Highway Plan, as well as needs identified in VTrans 2025 and Northern Virginia's TransAction 2030.

The program is updated annually. Funding for the Six-Year Improvement Program is based upon the two-year Appropriation Act approved by the General Assembly and anticipated revenues for the remaining years of the plan. The SYIP must include all projects earmarked by the General Assembly.

- Virginia annually submits a list of projects to the TPB for inclusion in the regional Transportation Improvement Program (TIP).

Using the Six-Year Program as a basis for development, Virginia develops a six-year list of Northern Virginia projects for inclusion in the regional Transportation Improvement Program (TIP), which is approved by the TPB. (See the next chapter for more information on the TIP.)

### *Maryland*

- During the Secretary's "Annual Tour," Maryland DOT officials get feedback about their draft six-year Consolidated Transportation Program (CTP) from county and local officials, and from the public. The Tour occurs every Fall.

Every year, each county and its state legislative delegation identify local transportation priorities and officially transmit them to MDOT in the form of their annual "Priority Letter." Using the Priority Letters along with needs identified in the previous year, MDOT develops a draft Consolidated Transportation Program (CTP), which is a six-year program of transportation projects.

Each fall, MDOT goes on the road to get feedback on the draft CTP. In a process commonly called the Annual Tour, MDOT officials visit each county and present the draft six-year program. After considering the input received from local and county officials during the Annual Tour, MDOT revises the CTP and submits it first to the Governor and then to the General Assembly for budget approval.

- The Maryland General Assembly approves the six-year program.

MDOT annually submits the State Report on Transportation to the Maryland General Assembly. This report, consisting of the long-range MTP and the six-year CTP (described above), forms the basis for the governor's annual transportation funding

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request, which the General Assembly must approve. Maryland law does not permit the General Assembly to add projects to the governor's funding request, although the legislature may delete projects or funding.

- Maryland annually submits a list of projects to the TPB for inclusion in the regional Transportation Improvement Program (TIP).

Using the six-year CTP as a basis for development, Maryland develops a six-year list of projects for inclusion in the regional Transportation Improvement Program (TIP), which is approved by the TPB.

#### *District of Columbia*

- The D.C. Council approves the annual Capital Improvement Program budget for transportation.

Every year, the mayor submits the draft Capital Improvement Program (CIP) to the D.C. Council for approval. The CIP is a six-year program that includes all capital expenditures for the District, including transportation projects. The D.C. Council, acting as a state legislature, holds hearings on the draft CIP, which it can amend. As with other District legislation, both the Council and the Mayor must approve the CIP for it to move forward.

- The U.S. Congress must enact the D.C. budget.

The District presents its proposed budget (both the CIP and the operating budget) to Congress for approval every summer. After a review process, Congress introduces and enacts federal legislation constituting the District's budget as part of the federal appropriations process.

- D.C.'s six-year transportation program is submitted to the TPB for inclusion in the regional Transportation Improvement Program (TIP).

Using the CIP as a basis for development, the District develops a six-year list of projects for inclusion in the regional Transportation Improvement Program (TIP), which must be approved by the TPB.

#### The WMATA Capital Improvement Program (CIP)

The FY 2005 – 2010 Metro Matters funding agreement has served as WMATA's six year CIP program and identified funding sources and well as capital projects. Projects programmed by the transit authority use funding from the federal government, and from state and local jurisdictions. WMATA recently updated their capital needs inventory which will serve as the foundation for future capital programs and support the development of a regional funding strategy for Metro. Capital needs are divided into two categories: 1) Performance needs, which include projects that maintain and replace assets on a regular life cycle basis in order to deliver the same level of service; and 2)

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Customer/Demand needs, which include projects that help meet growing ridership and improve the rider's experience.

Every year, WMATA's general manager submits an annual budget to the WMATA Board Finance, Administration, and Oversight (FAO) Committee. From FY 2005 – FY 2010, the annual budget was based on the Metro Matters funding agreement. The proposed program may be revised by the committee, and then is reviewed and approved by the WMATA Board of Directors. The projects in this capital budget are then submitted for inclusion in the Regional Transportation Improvement Program (TIP). The 2013 program in this TIP are based on the projects laid out in the Metro Matters agreement and the draft 2013 budget. The 2013-2018 program in this TIP is based on the Capital Needs Inventory and on expected funding levels.

#### Other Project Programming

Other agencies, such as the National Park Service, and some counties, cities and towns develop projects using federal funds outside the state or WMATA programming processes. These projects also must be submitted to the TPB for inclusion in the regional TIP and CLRP.

The TIP integrates projects proposed by state and local transportation agencies into a program consistent with the current regional long-range transportation plan and policies. In the development of this program, individual agency inputs are evaluated for consistency with the plan and policies. The TIP includes projects within the boundary of the Washington Metropolitan Area.

#### TPB Actions in the Project Selection Process

The TPB carries out several types of actions during the development of the TIP that impact the project selection process. The TPB begins each TIP cycle by issuing the Call for Projects solicitation document. In response, agencies submit information on new and existing projects. The TPB spends several months reviewing and analyzing this data to ensure that the project inputs are consistent with the region's air quality requirements.

Each agency reviews its projected revenues and project expenditures over the course of the TIP and programs funding accordingly. TPB staff review the data and produce a financial summary for each agency that details funding totals by source and project type.

Several subcommittees of the TPB develop lists of projects to advocate for inclusion in the TIP. Each year, the Bicycle and Pedestrian Subcommittee presents their list of priority projects to the TPB. The Freight subcommittee developed a list of highlighted projects and corridors that would enhance the movement of goods throughout the region. This list was presented to the TPB and was the subject of a discussion session at the TPB's Freight Forum. Similar lists are also developed by the Regional Bus Subcommittee and the Aviation Technical Subcommittee. The implementing agencies are encouraged to review these lists and consider which projects can be included in the next TIP cycle.

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As the MPO, the TPB is the designated recipient for two types of federal funding: the New Freedom program and the Job Access/Reverse Commute (JARC) program. The New Freedom program provides funding for transportation programs and services that go above and beyond what is required by the Americans with Disabilities Act (ADA) while JARC funding aims to improve access to job sites and employment-related activities for people who are transitioning from welfare to work or for others with limited income. The TPB reviews applications from independent agencies for each of these funding streams and selects which projects will be awarded funds. The TPB is responsible for programming these funds in the TIP.

In 2009, the TPB applied for funding under the U.S. Department of Transportation's competitive grant program titled "Transportation Investments Generating Economic Recovery" or TIGER. The TPB received \$58.8 million in funding for a Regional Priority Bus Project. The subcomponents of this project were developed cooperatively by the TPB and its member agencies. As the recipient of the grant, the TPB programs TIGER funds in its portion of the TIP. The TPB continues to work with its member agencies to develop applications for regional projects in subsequent iterations of this program.

### **Addressing Federal Requirements**

In updating the 2012 CLRP and developing this TIP, the TPB and the transportation implementing agencies also must comply with federal planning and programming requirements, including the following:

#### Federal Planning Factors

In 1998 the Transportation Equity Act for the 21<sup>st</sup> Century (TEA-21) established planning factors which must be considered in the development long-range plans and TIPs. In 2005 SAFETEA-LU modified these factors by separating the single safety and security element into two elements. The SAFETEA-LU planning factors include:

- 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 nonmotorized users;
- Increase the accessibility and mobility of people and for 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; and
- Emphasize the preservation of the existing transportation system.

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The goals, objectives and strategies in the TPB Vision (see the TPB website at [www.mwcog.org/transportation](http://www.mwcog.org/transportation) ) incorporate the eight federal planning factors. Each planning factor is covered by one or more of the Vision goals, objectives and strategies, except for security, which is covered implicitly by the TPB Vision. In the November 2009 Call for Projects document, the implementing agencies were asked to consider the TPB Vision including the SAFETEA-LU planning factors in developing their project submissions.

### Financial Constraint

The 2010 financial plan for the CLRP and TIP was adopted by the TPB in November 2010. This financial analysis produced the same financial "big picture" as in the 2006 analysis; the majority of currently anticipated future transportation revenues will continue to be devoted to the maintenance and operation of the current transit and highway systems. More information about the current financial plan is available at [www.mwcog.org/clrp](http://www.mwcog.org/clrp).

The TIP is financially constrained by year and includes projects that can be implemented using current revenue sources. The TIP only includes projects in the first two years for which funds are available and committed. The TIP financial plan in Section V provides the total dollars in year of expenditure dollars programmed by the District of Columbia, Maryland, Virginia, and the Washington Metropolitan Area Transit Authority (WMATA) for the SAFETEA-LU funding categories for each year. The TIP plan shows the funding programmed for the priority projects in the first and second years, which is consistent with the anticipated federal funding for FY 2013 and FY 2014 that each state has authorized for the region. It also shows the funding programmed for the second through sixth years, which is also consistent with the anticipated federal dollars authorized by each state.

### Air Quality Conformity

The CLRP contains specific highway and high occupancy vehicle (HOV) facilities, public transit, bicycle and pedestrian improvements, and multi-modal studies proposed to be completed by 2040. In addition, the plan contains a set of transportation emission reduction measures (TERMs), including expansion of ridesharing incentive programs, telecommuting support, and construction of bicycle and pedestrian facilities, which are needed to reduce future emissions and help ensure that the plan meets the requirements of the Clean Air Act Amendments of 1990 (CAAA). Through the planning process, specific projects and strategies are refined and selected from the plan, consistent with the policy framework, the financial resources, and the air quality requirements, and scheduled for implementation in the TIP. This TIP includes projects in the 2012 CLRP as approved by the TPB on July 18, 2012.

The CAAA require that the transportation actions and projects in the CLRP and TIP support the attainment of the federal health standards. The Washington area is currently in a nonattainment status for the 8-hour ozone standard and for fine particles standards (PM<sub>2.5</sub>, or particulate matter less than or equal to 2.5 micrometers in diameter). The

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CLRP and the TIP have to meet air quality conformity requirements as specified in the amended Environmental Protection Agency (EPA) regulations issued in July 2004 and in supplemental guidance issued thereafter.

### Public Participation

In December 2007, the TPB adopted its Participation Plan as required by the final planning regulations. This TIP and the CLRP were developed under procedures in the participation plan to involve citizens, affected public agencies, representatives of transportation agency employees, private providers of transportation, bicyclists, pedestrians, people with disabilities, and other members of the public. Copies of the TIP and major project submissions were accessible on the COG/TPB web page and were available for no charge at the COG Information Center.

On January 12, 2012, the TPB Citizens Advisory Committee (CAC) hosted was briefed on the proposed significant changes for the 2012 CLRP. Draft maps and descriptions of the project submissions for the air quality conformity assessment were made available. On January 18, the TPB was briefed on the submissions. On February 15, the TPB was briefed on the public comments received on the project submissions, the recommended responses to the public comments, and approved the project submissions.

On June 14, 2012, the draft air quality conformity analysis, the draft 2012 CLRP, the draft FY 2013-2018 TIP, and comprehensive set of web-based information on the plan and TIP were released for a 30-day public comment period which closed on July 14, 2012. Public comments could be submitted on-line, in writing by e-mail, fax, and regular mail or by voice mail. An opportunity for public comment was provided at the beginning of the June 20 and July 18 TPB meetings. The comments were posted on the website, and staff responses to them were reviewed and accepted for inclusion in the CLRP and TIP by the TPB on July 18, 2012.

Citizens and other interested parties had several opportunities to comment on the proposed plan amendments, the draft TIP, and the air quality conformity analysis at the TPB meetings on January 18, February 15, June 20 and July 18. A summary of all public comments and responses is included in Section VI.

Under the TPB Private Enterprise Participation Policy as revised July 19, 1995, the Private Providers Task Force (PPTF) identifies opportunities for greater private provider participation in mass transit in the region, and provides comments to the TPB on the CLRP and on the transit element of the TIP. The PPTF Chairman also serves as a nonvoting member on both the TPB Technical Committee and the TPB. At the annual public transit forum held on June 27, 2012, key transit staff from the local jurisdictions and WMATA met with interested private providers to review their plans for major bus service and paratransit changes and expansions.

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## Congestion Management Process

The Congestion Management Process (CMP) is a systematic set of actions to provide information on transportation system performance, and to consider alternative strategies to alleviate congestion, enhancing the mobility of persons and goods. With the CMP, TPB aims to use existing and future transportation facilities efficiently and effectively, reducing the need for highway capacity increases for single-occupant vehicles (SOVs).

The CMP addresses both specific projects and the regional transportation system in general. Federal regulations require consideration of congestion management strategies in cases where SOV capacity is proposed. Major SOV capacity-increasing projects in the CLRP include information on how alternatives to SOV capacity were considered in the study or proposal for the project.

For the overall transportation system, the Congestion Management Process ties in at many points in the regional planning process:

- The CMP must identify the location, extent, and severity of congestion in the region. TPB undertakes this through a data collection and analysis program that compiles transportation systems usage information, uses that information in its travel forecasting computer models, and publishes the information in reports. Notable are TPB's periodic aerial surveys of the region's roadways, showing the most congested locations and associated planning or project activities occurring at that location.
- The CMP information on congestion is considered by the implementing agencies as they identify projects for inclusion in the CLRP and the TIP in response to the TPB annual "Call for Projects" document. All highway projects that involve a significant increase in SOV carrying capacity that are submitted for inclusion in the CLRP and TIP also include CMP documentation.
- Under the CMP, the region must consider and implement ways of reducing demand on the region's roadways. The region's Commuter Connections program supports ridesharing, telework, transit, bicycling, and other alternatives to driving. Also, recent major roadway construction projects, featured public outreach programs on expected delays and ways to avoid driving through those areas. These programs served as good examples of the kind of outreach that could be done for other construction projects and for overall regional congestion management.
- Better managing existing transportation facilities is another important aspect of the CMP, and this the focus of the TPB's Management, Operations, and Intelligent Transportation Systems program. Strategies addressed include better timing of traffic signals, response and clearance of crashes and other highway incidents, and applications of emerging technologies for better traveler information and traffic monitoring.



# DISTRICT OF COLUMBIA

Surface Transportation

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# DRAFT

## DISTRICT OF COLUMBIA TRANSPORTATION IMPROVEMENT PROGRAM CAPITAL COSTS (in \$1,000)

	Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
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### Interstate

#### Return to L'Enfant

TIP ID: <b>5718</b>	Agency ID:	Title: <b>Return to L'Enfant</b>	Complete: <b>2014</b>
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Facility: I 395 Center Leg Freeway	PRIV	0/0/0	12,000 a	50,000 c	50,000 c	50,000 c	50,000 c		200,000
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From: Massachusetts Avenue, NW

**Total Funds: 200,000**

To: E St., NW (Between 2nd & 3rd)

Description: This project is intended to accommodate planned growth with maintaining the functionality of the local and regional transportation system, enhance vehicular, pedestrian, and bicycle connection around and across the freeway. Support the full development potential and re-establish the L'Enfant Plan street grid. In addition to an EA, the project will require an Interstate Modification Report (IMR). The implementation of this project will be privately funded.

- a. Transfer excess right of way to a developer (Mass Ave, E Street, 2nd Street, and 3rd Street; exclusive of F Street and G Street).
- b. Eliminate the SB entrance ramp from 3rd Street to I-395 and exit ramp to 3rd Street to I-39. SB access will be maintained via entrance ramp and portal located on Massachusetts Avenue.
- c. Re-align NB 2nd Street ramp.
- d. Re-establish F Street and G Street between 2nd Street and 3rd Street.

### Virginia Avenue Tunnel Project

TIP ID: <b>5959</b>	Agency ID:	Title: <b>Virginia Avenue Tunnel Project</b>	Complete: <b>2017</b>
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Facility: Tunnel below Virginia Ave. SE	PRIV	0/0/0	7,000 a	8,000 a	3,000 a	1,000 a	6,000 c		152,000
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From: 2nd St. SE

48,000 c 58,000 c 28,000 c

**Total Funds: 152,000**

To: 11th St. SE

Description: Replacement of Virginia Avenue Tunnel.

### Primary

#### Anacostia Waterfront Initiative

TIP ID: <b>5957</b>	Agency ID: <b>AW0, EW002C</b>	Title: <b>Middle Anacostia</b>	Complete: <b>2013</b>
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Facility:	STP	80/20/0	350 d	1,000 a					1,000
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From:

**Total Funds: 1,000**

To:

Description: "Near- and mid-term improvements from the Middle Anacostia River Crossing Study, including:

- Sousa Bridge and wayfinding sign improvements
- Pedestrian and Bicycle improvements
- Reconfigure Barney Circle/Boulevard between I-695 and Pennsylvania Avenue
- RFK access ramp deconstruction

# DRAFT

## DISTRICT OF COLUMBIA TRANSPORTATION IMPROVEMENT PROGRAM CAPITAL COSTS (in \$1,000)

	Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
TIP ID: 5723    Agency ID: AW003    Title: <b>St. Elizabeths Campuses Access Improvements</b>			Complete: 2015							
Facility:	Earmark	80/20/0	3,500 a							
From:			11,000 b							
To:			35,000 c							
	GSA Earmark	100/0/0	15,000 a	6,420 a	2,440 a	24,800 c				108,980
			34,130 c	43,900 c	31,420 c					
	NHS	80/20/0	3,300 d							
<b>Total Funds: 108,980</b>										

Description: Multimodal transportation improvements to accommodate the DHS consolidation at ST. Elizabeths East and West Campuses, and other nearby development. West Campus project will improve access and transportation flow in and around the area. Improvements include I-295 interchange reconfigurations, roadway, safety, ITS and operational improvements to nearby streets. Project details include:



- a. I-295 interchange reconfigurations – I-295/Malcolm X Ave., I-295/South Capitol St.; Malcolm X Ave. east and west of I-295- (PE)
- b. Roadway infrastructure in and around the two campuses – 13th St., Sycamore St., Dogwood St., Pecan St. Cypress St., and West Campus Access Rd. - (PE)
- c. MLK Ave, Malcolm X Ave., Firth Sterling, Alabama Ave. - (PE)

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## DISTRICT OF COLUMBIA TRANSPORTATION IMPROVEMENT PROGRAM CAPITAL COSTS (in \$1,000)

	Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
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TIP ID: <b>3290</b>	Agency ID: <b>AW008, SR048A, SR0</b>	Title: <b>Kenilworth Avenue Corridor</b>	Complete: <b>2017</b>
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Facility:	STP	80/20/0				3,000 c				3,000
From:										<b>Total Funds: 3,000</b>
To:										

Description: This project addresses increased safety for drivers of Kenilworth Avenue, pedestrians and bicyclists crossing the facility, and improving access for local neighborhoods. Improvements include:

Phase I includes a number of bicycle, pedestrian, and roadway improvements including:

- a. New connection from WB East Capitol St. to NB and SB Kenilworth Ave.
- b. Slip ramp safety improvements
- c. Corridor landscaping
- d. Lighting and signage improvements
- e. Bicycle and pedestrian improvements
- f. East Capitol interchange improvements
- g. Neighborhood identification program
- h. Improve the bridge at Minnesota Ave. and Deanwood Metro Station.

Phase II includes a number of reconfiguration and construction improvements including:

- a. Reconfigure the East Capitol St. and Benning Rd. interchanges
- b. Extend Olive St., construction of Park Road
- c. Construction of Massachusetts Ave. Park Rd. bridge
- d. Realignment of ramp from Benning Rd. to SB Kenilworth Ave. and mainline SB Kenilworth Ave. lanes
- e. New exit from Kenilworth Ave. to River Terrace neighborhood
- f. Realign ramp from NB Kenilworth Ave. to Benning Rd.
- g. New Ramp from Benning Rd. to NB Kenilworth Ave.
- h. New traffic signal on Benning Rd. at NB ramps to and from Kenilworth Ave.

TIP ID: <b>5802</b>	Agency ID: <b>CD044A</b>	Title: <b>Program Manager AWI</b>	Complete:
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Facility:	NHS	80/20/0	5,500 a	5,500 a	7,000 a	7,000 a				19,500
From:										<b>Total Funds: 19,500</b>
To:										

Description: Consultant services to supplement the NEPA process and implement design and construction of the AWI corridors. Work includes surveys; geotechnical and environmental investigation and testing preliminary ;roadway and bridge design and CE services during construction. Funding will be used for construction oversight and consultant services.

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**DISTRICT OF COLUMBIA  
TRANSPORTATION IMPROVEMENT PROGRAM  
CAPITAL COSTS (in \$1,000)**

Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
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**Reconstruction of Benning Road, NE., Anacostia to 42nd St**

TIP ID: **5572** Agency ID: **CKTB5A** Title: **Reconstruction of Benning Road, NE., Anacostia to 42nd St** Complete: **2018**

Facility:	STP	83/17/0	500 c						3,400 c	3,400
From: Anacostia										
To: 42nd Street										
									<b>Total Funds:</b>	<b>3,400</b>

Description: This project provides for the continued reconstruction (phase 2) of Benning Road. The highway pavement has reached the end of its useful life and can no longer be resurfaced. The first phase was the reconstruction of the facility from 14th Str. Oklahoma Ave. Work will include the installation of new median and reconfiguration of travel lanes in order to match phase 1 of the reconstruction. Work will also include landscaping, traffic signals, and streetlights.

**Roadway and Bridge Improvement on Southern Avenue and Winkle Doodle Branch Bridge**

TIP ID: **5353** Agency ID: **ED028A** Title: **Roadway and Bridge Improvement on Southern Avenue and Bridge #64 (over Winkle Do** Complete: **2019**

Facility:	Southern Avenue	STP	83/17/0	800 a	2,000 a	7,000 c	7,000 c	7,000 c	9,000 c	32,800
From: South Capitol Street										
To: 23rd Street										
									<b>Total Funds:</b>	<b>32,800</b>

Description: This project will reconstruct or rehabilitate as required, Southern Avenue from South Capital St. to 23rd St. and includes the Winkle Doodle Branch Bridge (#64). This construction effort will address safety issues in the corridor and improve pedestrian facilities to include all ADA requirements. The scope of work includes the following major tasks but not limited to: improving roadway pavement and sidewalk conditions; upgrading traffic signals, street lights, storm water drainage systems, and landscaping; safety improvements on Winkle Doodle Bridge.

**Secondary****Livability Program**

TIP ID: **5790** Agency ID: **PM081A, PM082A** Title: **Livability Program** Complete:

Facility:	STP	80/20/0	1,500 c	975 a	375 a	375 a	625 a	800 c	7,850	
From:					3,200 c					
To:										
									<b>Total Funds:</b>	<b>7,850</b>

Description: The livability program will employ a strategic, citywide, zone-by-zone approach for identifying key transportation improvements that promote neighborhood quality of life. Outcomes will be aimed at on the ground changes such as enhanced pedestrian crossings, more accessible bus stops, geometric adjustments that support intersection safety, increased green spaces, attractive streetscapes, signage for better driver information, updates to traffic signal timing, and speed controls in sensitive areas. The goal is to address priority locations as determined by land uses and community context. Funding for short term projects is shown. Long term improvements will be established as separate projects.

- a. Far Northeast
- b. Far Southeast (design to be funded in FY 2012)
- c. Rock Creek West 2
- d. Congress Heights (South)

**DRAFT**

**DISTRICT OF COLUMBIA  
TRANSPORTATION IMPROVEMENT PROGRAM  
CAPITAL COSTS (in \$1,000)**

Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
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**Bike/Ped****Anacostia Riverwalk Trail**

TIP ID: 3508	Agency ID: AW016, AW017, AW0	Title: Anacostia Riverwalk Trail								Complete:
Facility:	CMAQ	80/20/0	15,000	a						15,000
From:	NRT	80/20/0		4,000	a					4,000
To:										
<b>Total Funds:</b>									<b>19,000</b>	

Description: The Riverwalk is a multi-use trail along the east and west sides of the Anacostia River. It will serve as a recreational amenity and transportation alternative for a wide range of users including bicyclist, inline skaters, pedestrians, persons with disabilities, and others.

- a. Kenilworth Garden Trails includes trail connection from the Benning Road Bridge to the Bladensburg Marina Park on the east side of the Anacostia River.
- b. Kenilworth: Parkside to Maryland Ave.
- c. Buzzard Point and Virginia Ave. Connections: includes on-street facilities (bicycle lanes and signed routes) and waterfront trails to connect other segments of the Riverwalk Trail to the National Mall, Downtown Washington, DC, and other regional trails.
- d. South Cap: includes trail connections from the South Capitol Street Bridge to Oxon Cove (PE planned in FY12 and construction in FY15)

**District-wide Bicycle and Pedestrian Management Program**

TIP ID: 3232	Agency ID: CM064A, ZUT09A, ZU	Title: Bicycle and Pedestrian Management Program								Complete:					
Facility: Citywide	CMAQ	80/20/0	839	a	600	a	600	a	600	a	8,839				
From:			5,000	c											
To:	State/DC	0/100/0	681	c	925	c	908	c	925	c	150	c	150	c	3,739
<b>Total Funds:</b>									<b>12,578</b>						

Description: The goal of this project is to increase the safety and convenience of bicycle and pedestrian travel. It includes the widening of existing routes, curve realignment, grade reduction, and signage and lighting upgrades. Included in the Bicycle and Pedestrian Management Program is:

- a. Bicycle Parking Racks
- b. Bicycle Lanes and Signs (mark dedicated bicycle lanes, including signage)
- c. Bicycle Sharing (a bicycle rental program)
- d. Cycle Tracks (Pennsylvania Ave, L Street, I Street, 9th Street, 15th Street)



**DRAFT**

**DISTRICT OF COLUMBIA  
TRANSPORTATION IMPROVEMENT PROGRAM  
CAPITAL COSTS (in \$1,000)**

Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
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**Klingle Trail**

TIP ID: 2806	Agency ID: CKTC0	Title: Klingle Trail								Complete: 2015
Facility: Klingle Road NW		CMAQ	80/20/0	1,300 a	6,000 c					6,000
From: Porter Street NW		State/DC	0/100/0			1,500 c	1,500 c			3,000
To: Woodley Road NW										
									<b>Total Funds:</b>	<b>9,000</b>

Description: The scope of work is for planning, design and construction of a pedestrian and bicycle facility in the former right of way of Klingle Road with related environmental remediation. Local access for private properties in the Porter to Woodley section will be accommodated. Preparation of preliminary design plans and detailed plans and specifications of the project, as well as environmental remediation pursuant to Section 6018 of the Klingle Road Sustainable Development Amendment Act of 2008.

**Maryland Avenue Pedestrian Safety Project**

TIP ID: 6014	Agency ID: SR088A	Title: Maryland Avenue NE Road Diet								Complete:
Facility:		STP	80/20/0	280 a	1,400 c					1,680
From: 2nd Street NE										
To: 15th Street NE										
									<b>Total Funds:</b>	<b>1,680</b>

Description: To improve pedestrian safety on Maryland Avenue from 2nd Street to 15th Street NE.

**Metropolitan Branch Trail**

TIP ID: 3228	Agency ID: AF052A, FDT25A	Title: Metropolitan Branch Trail								Complete: 2015
Facility: Union Station District Line		CMAQ	80/20/0			300 a				5,800
From:						500 b				
To:						5,000 c				
		DEMO	80/20/0			3,000 c				3,000
									<b>Total Funds:</b>	<b>8,800</b>

Description: The Metropolitan Branch Trail project will provide a 6.25-mile bicycle/pedestrian trail from Union Station north to the District Line along the railroad right-of-way. This trail will connect at the District line with a route continuing into Silver Spring MD. This project is intended to serve both recreational users and commuters to meet Transportation Control Measures (TCMs) and air quality objectives.



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**DISTRICT OF COLUMBIA  
TRANSPORTATION IMPROVEMENT PROGRAM  
CAPITAL COSTS (in \$1,000)**

Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
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**National Recreational Trails**

TIP ID: 2796	Agency ID: AF066A, ZU010A	Title: National Recreational Trails								Complete:
Facility:	NRT	80/20/0	550 a	1,200 a	300 a	300 a	300 a	300 a	7,350	
From:			100 d		4,300 c					
To:										
<b>Total Funds:</b>									<b>7,350</b>	

Description: Through the D.C. Recreational Trails Program Advisory Committee, the Department of Transportation will provide or grant funding to non-profits to provide the following services for District trails: maintain and restore existing trails; develop and rehabilitate trailside and trailhead facilities and trail linkages; purchase and lease trail construction and maintenance equipment; construct new trails; acquire easements or property for trails; assess trail conditions for accessibility and maintenance; develop and disseminate publications and operate educational programs to promote safety and environmental protection related to trails (including supporting non-law enforcement trail safety and trail use monitoring patrol programs, and providing trail-related training).

a. New York Avenue Trail

**Oxon Run Trail Restoration**

TIP ID: 2780	Agency ID: AF004A	Title: Oxon Run Trail Restoration								Complete: 2017
Facility:	NRT	80/20/0			800 a	13,000 c			13,800	
From:										
To:										
<b>Total Funds:</b>									<b>13,800</b>	

Description: Develop trail plan in cooperation with Department of Parks and Recreation. Repair existing recreational trail, correct drainage problems, and construct benches and signage.

**Rock Creek Park Trail**

TIP ID: 3230	Agency ID: AF005A	Title: Rock Creek Park Trail								Complete: 2015
Facility:	M Street to Beach Drive	CMAQ	80/20/0		300 a				5,300	
From:	Piney Branch Pkwy				5,000 c					
To:	16th Street									
<b>Total Funds:</b>									<b>5,300</b>	

Description: This facility is under the jurisdiction of the National Park Service. This 12.6-mile project is designed to relieve congestion and reduce user accidents by widening the trail throughout the District of Columbia, including constructing a new trail along P Street to Pennsylvania Avenue along Rock Creek and Potomac Parkway. Replacement of the low water bridge at Porter Street and construction of a bike trail along feeder roads that connect to the adjacent neighborhoods have been completed. In addition, the TEA-21 High Priority program [Section 1602 No. 547] includes funds to provide enhanced recreational trails (e.g. bike trail maintenance) along Rock Creek Park.



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## DISTRICT OF COLUMBIA TRANSPORTATION IMPROVEMENT PROGRAM CAPITAL COSTS (in \$1,000)

	Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
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### Safe Routes to School

TIP ID: <b>2888</b>	Agency ID: <b>CM063A</b>	Title: <b>Safe Routes to School</b>							Complete: <b>2013</b>
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Facility: Safe Routes to School	SRTS	100/0/0	500 b	800 b	3,300				
From:									
To:									
<b>Total Funds:</b>									<b>3,300</b>

Description: To enable and encourage children, including those with disabilities, to walk and bicycle to school, to make walking and bicycling to school safe and more appealing, and to facilitate the planning, development and implementation of projects that will improve safety, and reduce traffic, fuel consumption, and air pollution in the vicinity of schools.

### Bridge

#### 11th Street Bridges and Interchange Reconstruction

TIP ID: <b>3193</b>	Agency ID: <b>CD055A, EW002C</b>	Title: <b>11th Street Bridges SE, Replace and Reconfigure</b>							Complete:
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Facility: 11th Street Bridge and Interchan	BR	80/20/0	23,000 c	19,038 c	24,587 c	14,046 c				57,671
From:										
To:	State/DC	0/100/0		50 c						50
<b>Total Funds:</b>									<b>57,721</b>	

Description: Replacement and reconfiguration of the existing deteriorating bridges and ramps at the Anacostia River crossing near 11th Street SE, connecting the Anacostia Freeway and the Southeast Freeway. New freeway ramps east of the river will connect both directions of the Anacostia Freeway with eight freeway lanes across to the Southeast Freeway. Additionally, two lanes of local roadway in each direction will connect surface streets east and west of the river. All improvements are consistent with the goals of the Anacostia Waterfront Initiative. Phase 2 will build out the elements of the project included in the approved FEIS.



TIP ID: <b>5554</b>	Agency ID: <b>EW002C</b>	Title: <b>Garvee Bond Debt Service</b>							Complete:
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Facility: NHS	NHS	80/20/0	9,725 c	11,668 c	11,667 c	11,667 c	11,674 c	11,674 c	68,075
From:									
To:									
<b>Total Funds:</b>									<b>68,075</b>

Description: DDOT will use future FHWA annual allocations to pay service on the bonds.



#### Bridge Replacement/Rehabilitation Program

TIP ID: <b>5298</b>	Agency ID: <b>AF067A</b>	Title: <b>Emergency Transportation Project</b>							Complete:
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Facility: C ITYWIDE	STP	80/20/0				25 c	25 c	2,000 c	4,000 c	6,050
From:										
To:										
<b>Total Funds:</b>									<b>6,050</b>	

Description: Respond to transportation emergencies such as roadway vibrations, sunken pavement, falling steel and concrete from bridges, and other urgent needs. This project will enable the District to quickly respond to emergencies.

**DRAFT**

**DISTRICT OF COLUMBIA  
TRANSPORTATION IMPROVEMENT PROGRAM  
CAPITAL COSTS (in \$1,000)**

Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
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TIP ID: 3242	Agency ID: CA303C	Title: Citywide Culverts								Complete:
Facility: CITYWIDE	State/DC	0/100/0	600 c	300 c	300 c	300 c	300 c		1,200	
From:	STP	80/20/0					841 c		841	
To:										
									<b>Total Funds: 2,041</b>	

Description: This project repairs, maintain culverts throughout the District. Culverts facilitate the drainage of water and help to ensure the stabilization of roadway structures. The safety of roadway structures are a priority of the Mayor and a concern for District residents, commuters, and visitors. This project also maintains an inventory for tall the culverts owned and maintained by the District Department of Transportation (DDOT) and a formal maintenance and repair plan.

TIP ID: 5316	Agency ID: CB035, CB036	Title: Impact Attenuators and Guiderails								Complete:
Facility: Citywide	IM	80/20/0		113 b	113 b	20 a			113 b	4,334
From:				750 c	750 c	225 b			750 c	
To:						1,500 c				
	STP	80/20/0	100 b	75 b	75 b	20 a			75 b	2,995
				500 c	500 c	150 b			500 c	
						1,000 c				
									<b>Total Funds: 7,329</b>	

Description: This project repairs, replaces and upgrades safety appurtenances on and off the Federal-aid Highway System that have been damaged by errant vehicles, and replaces units that do not meet the requirements of NCHRP (National Cooperative Highway Research Program) Report 350. Work also includes construction of guiderails and attenuators at new locations and removal of units in locations where they are no longer needed.

TIP ID: 2633	Agency ID: CD0/27	Title: Size and Weight Enforcement Program								Complete:
Facility:	STP	83/17/0	40 b	40 b	40 b	40 b	50 b	50 b	16,250	
From:			200 c	220 c	6,180 c	4,180 c	4,190 c	390 c		
To:			10 e	10 e	10 e	200 e	200 e	200 e		
									<b>Total Funds: 16,250</b>	

Description: This project provides trained personnel to enforce size and weight regulations, as well as increase the number of portable scales at Weigh in Motion sites on and off the Federal-aid System. This project will facilitate reducing weight violations and preventing premature deterioration of pavements and structures in the District, and in turn provide a safe driving environment.

a. Weigh in Motion Maintenance

**DRAFT**

**DISTRICT OF COLUMBIA  
TRANSPORTATION IMPROVEMENT PROGRAM  
CAPITAL COSTS (in \$1,000)**

Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
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**TIP ID: 2768**      Agency ID: **CD014A**      Title: **Key Bridge NW over Potomac**      Complete: **2015**

Facility: Key Bridge	BR	80/20/0			17,000 a				17,000
From:									
To:									
<b>Total Funds:</b>									<b>17,000</b>

Description: Repair/replace deteriorated structural members; correct drainage deficiencies; repair leaking deck joints; remove stay-in-place forms; remove efflorescence on arch soffits; repair spalls, holes and non-structural cracks; and relocate/arrange utilities.

**TIP ID: 2699**      Agency ID: **CD018A, CD019A**      Title: **Asset Preservation of Tunnels-NHS/STP**      Complete:

Facility: Citywide	NHS	80/20/0	9,000 a		5,300 a	5,300 a	5,300 a	5,300 a	30,200
From:	STP	80/20/0	1,100 a	550 a	905 a	905 a	905 a	905 a	5,270
To:									
<b>Total Funds:</b>									<b>35,470</b>

Description: This project provides for the preservation and preventive maintenance of National Highway System tunnel assets, including electrical and mechanical systems, tunnel walls and ceilings, drainage, roadway sweeping, over-height detection systems, signing, power and emergency telephones. The scope of work includes feasibility and design; preparation of contract plans, specifications and cost estimates; and engineering and construction management for the restoration of existing tunnels.

**TIP ID: 3243**      Agency ID: **CD024A**      Title: **Citywide Consultant Bridge Inspection**      Complete: **2016**

Facility:	BR	80/20/0	1,750 a	1,000 a	1,750 a	1,000 a	1,750 a	1,000 a	8,250
From:									
To:									
<b>Total Funds:</b>									<b>8,250</b>

Description: Perform detailed National Bridge Inspection and element level inspection of District bridges in accordance with the National Bridge Inspection Standards and the D.C. Bridge Inspection Manual. Also perform scheduled scour, fracture-critical and underwater inspections as directed by the Department of Public Works, and prepare plans for emergency support of deficient structures.

**TIP ID: 5346**      Agency ID: **CD026**      Title: **Theodore Roosevelt Bridge Rehabilitation**      Complete: **2016**

Facility:	BR	80/20/0	1,500 a				25,000 c		26,500
From:									
To:									
<b>Total Funds:</b>									<b>26,500</b>

Description: Work includes inspection, sampling and material testing; repairing bridge superstructure and substructure; cleaning and painting all steel members; retrofitting pin and hanger assembly; improving pedestrian and bicycle access; and repairing bridge drainage.

**TIP ID: 3202**      Agency ID: **CD032C**      Title: **Bridge Design Consultant Services**      Complete:

Facility: CITYWIDE	BR	80/20/0	550 a	950 a	450 a	450 a	450 a	950 a	3,250
From:									
To:									
<b>Total Funds:</b>									<b>3,250</b>

Description: This project will provide bridge design consultant services to support the preventive maintenance program for bridges and the preventive maintenance and emergency repair project by providing designs for temporary supports for deficient structures and repairs and retrofits not of substantial size for a separate project.

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**DISTRICT OF COLUMBIA  
TRANSPORTATION IMPROVEMENT PROGRAM  
CAPITAL COSTS (in \$1,000)**

Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
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**TIP ID: 2905**      Agency ID: **CD035**      Title: **Bridges over Watts Branch**      Complete: **2017**

Facility: Division Ave, Gault Place, 44th, 48th, 55th, 58th Watts	BR	80/20/0	1,900 a							
From:	STP	86/14/0		8,000 c						8,000
To:										
<b>Total Funds:</b>										<b>8,000</b>

Description: Replace deck, approach slabs, bearing, joints, repair substructure, repaint steel and replace girders for bridge on 44th, 58th, Division Ave, and Gault palce.

Locations include:

1. Division Ave Bridge over Watts Branch
2. Gault Place over Watts Branch
3. 44th, 48th, 55th, 58th Streets NE over Watts Branch

**TIP ID: 2927**      Agency ID: **CD036A, CD042A, CD**      Title: **Citywide FA Preventive Maintenance**      Complete:

Facility:	BR	80/20/0	4,376 c	3,376 c	20,256					
From:	STP	80/20/0		1,000 c	2,250 c	12,250				
To:										
<b>Total Funds:</b>										<b>32,506</b>

Description: This project provides a four-year contract [two base years, two option years] for the performance of preventive maintenance activities and initiating emergency repairs on highway structures on an as needed basis. The work includes concrete deck repair, replacement of expansion joints, repair or replacement of beams, girders and other structural steel, maintenance painting, application of low slump concrete overlays on bridge decks, concrete repair, underpinning and shoring of deficient bridge elements, jacking beams and restoring bearings, repair or replacement of bridge railings, guiderails and fencing, cleaning bridge scuppers and drain pipes, graffiti removal and other miscellaneous repair work on various highway structures.

**TIP ID: 4900**      Agency ID: **CD037**      Title: **27th Street Bridge NW**      Complete: **2015**

Facility: 27th Street NW Over Broad Branch	BR	80/20/0		2,000 a						2,000
From: Broad Branch Road										
To: Broad Branch Road										
<b>Total Funds:</b>										<b>2,000</b>

Description: Replacement of 27th St. NW Bridge over Broad Branch Rd. and the culvert at 44th St. near Edmund St.

**TIP ID: 5440**      Agency ID: **CD038**      Title: **Southwest Freeway (I295) over S. Capitol Street**      Complete: **2015**

Facility:	BR	80/20/0	1,400 a	11,000 c						11,000
From:										
To:										
<b>Total Funds:</b>										<b>11,000</b>

Description: This project will provide funding to remove and replace PCC deck and general structural upgrades. Additionally, perform approach street/roadway work, sidewalks and wheelchair/bike ramps meeting the Americans with Disabilities Act Accessibility Guidelines.

# DRAFT

## DISTRICT OF COLUMBIA TRANSPORTATION IMPROVEMENT PROGRAM CAPITAL COSTS (in \$1,000)

	Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
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<b>TIP ID: 3512</b>	Agency ID: <b>CD040A, CD041A, CD</b>	Title: <b>Electrical/Mechanical and Management of Tunnels Citywide</b>							Complete: <b>2016</b>
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Facility:	BR	80/20/0		1,500 a	2,900 c					4,400
From:	NHS	80/20/0	1,500 c			8,200 c	8,200 c			16,400
To:										<b>Total Funds: 20,800</b>

Description: This project will help to rehabilitate electrical/mechanical facilities in tunnels such as: overlay bridge decks; paint structural steel; replace deck joints; minor structural repairs; and security and risk magement of tunnels as applicable.

<b>TIP ID: 5432</b>	Agency ID: <b>CD049A</b>	Title: <b>Pennsylvania Ave. NW Bridge over Rock Creek (Br. # 118)</b>							Complete:
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Facility:	BR	80/20/0		10,000 c						10,000
From:	STP	80/20/0			1,000 a					1,000
To:										<b>Total Funds: 11,000</b>

Description: Rehabilitation of Bridge # 118, Pennsylvania Ave. NW over Rock Creek

<b>TIP ID: 4917</b>	Agency ID: <b>CD050A</b>	Title: <b>Rehabilitation of Anacostia Freeway Bridges at Anacostia Park</b>							Complete: <b>2016</b>
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Facility:	Anacostia Freeway Bridges at Anacostia Park	BR	80/20/0	500 a	4,250 c					4,750
From:										<b>Total Funds: 4,750</b>
To:										

Description: This project will rehabilitate three small Anacostia Freeway bridges that carry the freeway mainline and two ramps into the Anacostia Park. The project will consist of replacement of the reinforced concrete bridge decks; repair and painting of the superstructure steel; replacement of bearings; replacement of median and curbside barriers; and upgrading of safety features, drainage, lighting and signing.

<b>TIP ID: 5337</b>	Agency ID: <b>CD051A</b>	Title: <b>Replacement of Pedestrian Bridges over Kenilworth Ave</b>							Complete: <b>2013</b>
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Facility:	Kenilworth	STP	80/20/0	4,000 c						4,000
From:										<b>Total Funds: 4,000</b>
To:										

Description: This project will fund the replacement of the deck, approach slabs, bearing joints; and repair the substructure and repaint steel.

<b>TIP ID: 5334</b>	Agency ID: <b>CD052A</b>	Title: <b>Safety Improvements of Benning Road Bridges over Kenilworth Ave</b>							Complete: <b>2015</b>
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Facility:	Benning Road over Kenilworth	BR	80/20/0			16,000 c				16,000
From:										<b>Total Funds: 16,000</b>
To:										

Description: Structural design of three bridge alternatives. The project scope includes infrastructure improvements within vicinity of the bridges, including construction of handicap ramps according to ADA guidelines.

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**DISTRICT OF COLUMBIA  
TRANSPORTATION IMPROVEMENT PROGRAM  
CAPITAL COSTS (in \$1,000)**

Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
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**TIP ID: 5433**    Agency ID: **CD053A**    Title: **Bridge management Project**    Complete: **2019**

Facility: Citywide	BR	80/20/0	150 a	150 a	150 a	150 a	300 a		900
From: Citywide									
To:									
<b>Total Funds:</b>									<b>900</b>

Description: This project provides staff funding for the bridge management program in the Asset management division. Included is routine inspection and appraisal of the District's bridges, verification and updating of bridge data in the national bridge inventory, preparing of inspection reports, reporting of critical deficiencies, structural analysis and emergency design of bridges with deficient features, load ratings material sampling and testing, and paying the Pontis license fee and other work necessary to assess the condition of the Districts bridges to ensure safety .

**TIP ID: 5342**    Agency ID: **CD057, CD046, CD04**    Title: **Approach Bridges to 14th Street Bridge**    Complete: **2016**

Facility: 14th Street Bridge northbound over the Potomac River,	BR	80/20/0		1,500 a			15,000 c		16,500
From:									
To:									
<b>Total Funds:</b>									<b>16,500</b>

Description: The approach bridges to be rehabilitated are over Maine Ave. (bridge 171-1), over the Outlet Channel (bridge 171-2) and over Haines Point Park (bridge 171-3).

**TIP ID: 3181**    Agency ID: **CDT21A**    Title: **31st Street NW Bridge**    Complete: **2015**

Facility: 31st Street NW Bridge over C&O Canal	BR	80/20/0	3,000 c						3,000
From:									
To:									
<b>Total Funds:</b>									<b>3,000</b>

Description: Removal and replacement of deteriorated deck, repair and painting of structural steel, and substructure repairs. Lighting, signing, drainage and safety features will be upgraded.

### Long Bridge Integrity & Capacity Study

**TIP ID: 5711**    Agency ID:    Title: **Long Bridge Integrity & Capacity Study**    Complete:

Facility: Long Bridge	ARRA	100/0/0	500 d	1,200 d	1,200 d				2,400
From: Virginia Interface									
To: 12th Street, SW	PRIV	0/0/0	100 d						
<b>Total Funds:</b>									<b>2,400</b>

Description: The CSX Long Bridge carries freight and passenger rail traffic over the Potomac River between Virginia and the District of Columbia. This structure is very old and needs to be thoroughly examined regarding its structural integrity. According to the Mid-Atlantic Rail Operations (MAROps) study, this two-track segment constitutes a major bottleneck for both freight and passenger rail traffic along the Northeast Corridor. The study should examine the feasibility of adding a third track to the existing structure or, if the structure needs replacement, the feasibility of replacing the old structure with a three-track bridge. Adding a bike-pedestrian connection should be considered also.

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**DISTRICT OF COLUMBIA  
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CAPITAL COSTS (in \$1,000)**

Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
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**South Capitol Street**

TIP ID: <b>3423</b>	Agency ID: <b>AW011, AW024A, AW</b>	Title: <b>South Capitol Street Corridor</b>	Complete:						
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Facility:	BR	80/20/0				25,000 c	25,000 c	25,000 c	75,000
From: N St, MLK Ave, Suitland Pkwy, Memorial Bridge	GARVEE	80/20/0		50,000 c					50,000
To:	PRIV	0/0/0		394,000c					394,000

**Total Funds: 519,000**

Description: Improvements based on recommendations from the South Capitol Street Gateway and Anacostia Access studies including right of way acquisition and replacement of the Fredrick Douglass Memorial Bridge on a new southern alignment. 

- New Frederick Douglass Memorial Bridge: Full replacement and realignment of the Frederick Douglass Memorial Bridge.
- Reconfigure the interchange at Suitland Parkway and I-295: The improvements include the removal of existing cloverleaf ramps at the interchange, replacing them with a diamond interchange. The diamond interchange will include two at-grade signalized intersections, one at the I-295 northbound ramps and the other at I-295 southbound ramps.
- Reconfigure the interchange at Martin Luther King Jr. Ave. and Suitland Parkway. The existing MLK Jr. Bridge over Suitland Parkway will be replaced and a center ramp signalized interchange will be created to allow full movements to and from Suitland Parkway to MLK Jr. Ave.
- Boulevard streetscape treatments along South Capitol Street from between N Street and the SE/SW Freeway. In this segment, South Capitol Street will be rebuilt as a six-lane boulevard divided by a landscaped median.
- New Jersey Avenue Streetscape improvements: The streetscape concept will restore a consistent design to the avenue between the SE-SW Freeway and M Street SE.

TIP ID: <b>5803</b>	Agency ID: <b>CD059A</b>	Title: <b>Southwest Freeway over South Capitol St. Ramp G</b>	Complete:						
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Facility:	BR	80/20/0		1,000 a	11,500 c				12,500
From:									
To:									
<b>Total Funds:</b>									<b>12,500</b>

Description: Redevelopment of the South Capitol Street corridor is a part of the Anacostia Waterfront Initiative. Concept plans for the replacement of the FDMB are under development as part of the EIS currently being prepared for the corridor. 

**Tunnel Asset Management**

TIP ID: <b>5800</b>	Agency ID: <b>CD039</b>	Title: <b>Bridge and Tunnel Security</b>	Complete:						
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Facility:	BR	80/20/0		1,500 a	2,900 c				4,400
From:									
To:									
<b>Total Funds:</b>									<b>4,400</b>

Description: This project will determine security upgrades necessary for bridges and tunnels throughout the District.

# DRAFT

## DISTRICT OF COLUMBIA TRANSPORTATION IMPROVEMENT PROGRAM CAPITAL COSTS (in \$1,000)

	Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
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### Enhancement

#### Transportation Enhancements Program

TIP ID: <b>3210</b>	Agency ID:	Title: <b>Transportation Enhancements Program</b>	Complete:
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Facility:	STP/E	80/20/0	2,300 a	13,800						
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From:									<b>Total Funds:</b>	<b>13,800</b>
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To:

Description: The Transportation Enhancements program is federally funded through the Transportation Equity Act for the 21st Century (TEA-21). The program funds projects that aim to strengthen the cultural, aesthetic, and environmental aspects of the nation's intermodal transportation system. Categories include pedestrian and bicycle facilities, scenic and historic preservation, archeological research, and environmental mitigation of runoff pollution.

TIP ID: <b>5295</b>	Agency ID: <b>ED019A</b>	Title: <b>Capitol Hill Transportation Study Infrastructure Improvements</b>	Complete: <b>2019</b>
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Facility:	STP	80/20/0	200 b							3,900
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From:									3,700 c
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To:

**Total Funds: 3,900**

Description: The project includes the design and/or construction of infrastructure improvements recommended in the Capitol Hill Transportation Study. The improvements aim to enhance pedestrian and vehicular safety, traffic calming, neighborhood circulation and access at select intersections and streets throughout Capitol Hill. Improvements include but are not limited to the installation of safety / school beacons around Stanton Park; the conversion of 17th St. to two-way operations; the conversion of 19th St. to two-way operations; Reconfiguration of 3rd St./Massachusetts Ave./D St.; Bulb out at Lincoln Park; and Bulb outs / median widening on C St. NE.

### ITS

#### Traffic Control Center

TIP ID: <b>5348</b>	Agency ID:	Title: <b>Traffic Control Center</b>	Complete:
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Facility:	STP	83/17/0	250 a	4,117 c	4,117 c	4,117 c	4,117 c			16,468
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From:									12,351 c
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To:

**Total Funds: 16,468**

Description: Funds the Traffic Control Center including personnel and contractual costs.



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**DISTRICT OF COLUMBIA  
TRANSPORTATION IMPROVEMENT PROGRAM  
CAPITAL COSTS (in \$1,000)**

Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
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**Traffic Operations Improvements Citywide**

TIP ID: 3216	Agency ID: CIT and CI0, CB025,	Title: Traffic Operations Improvements Citywide	Complete:												
Facility:	HSIP	83/17/0	30	b					30						
From:	NHS	83/17/0	2,000	a	600	b	600	b	600	b	19,460				
To:			600	b	2,310	c	2,310	c	2,310	c					
			2,310	c											
	State/DC	0/100/0	2,000	c	2,117	c	2,117	c	2,117	c	1,044	c	2,700	c	12,095
	STP	83/17/0	1,350	a	1,350	a	1,350	a	1,350	a	1,350	a	1,350	a	91,910
			900	b	900	b	900	b	900	b	900	b	900	b	
			13,585	c	12,965	c	12,965	c	12,965	c	12,965	c	12,965	c	
			<b>Total Funds:</b>							<b>123,495</b>					

Description: This project modifies and improves vehicular and pedestrian traffic control systems, such as traffic signals, channelization, signs, pavement markings, and other traffic control measures on and off the Federal-aid highway system. Includes installation of a variety of traffic engineering devices and construction of nominal geometric alterations. The project will preserve and promote the efficient use of existing city streets through changes in the organization of vehicular and pedestrian traffic flows. Improved traffic flow on arterial streets will improve air quality. Projects include:

- a. Traffic Signal Maintenance
- b. Traffic Signal System Communications and Control Enhancements
- c. Traffic Signal System Operational Support
- d. Traffic Signal Control System Support
- e. Traffic Signal Bulb Replacement
- f. Moveable Barrier System
- g. Corridor Signing
- h. Guidesign Replacement
- i. Hot Thermoplastic Pavement Markings/Two-Way Plowable Prismatic Pavement Markings
- j. Raised Reflective Prismatic Markings
- k. Traffic Signal Improvements
- l. Consultant Design Services
- m. Wayfinding Signage
- n. Sign Inventory and Management System
- o. Transportation Management Center
- p. Vehicle Detection Station
- q. Signal System Upgrade Pilot Program
- r. Intelligent Transportation System (ITS)
- s. Traffic Signal Uninterruptible Power Supply
- t. Variable (dynamic) Message Sign
- u. ITS Communication Master plan
- v. MATOC Annual Fee
- w. ITS Signal Optimization Master plan
- x. Managed Lanes Feasibility Studies



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CAPITAL COSTS (in \$1,000)**

Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
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**Other****Civil Rights/EE Program Implementation and Enhancement**

TIP ID: <b>3261</b>	Agency ID: <b>AF028A</b>	Title: <b>Civil Rights/EEO Program Implementation and Enhancement</b>	Complete:						
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Facility:	STP	80/20/0	729 a	829 a	4,874				
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From:									<b>Total Funds: 4,874</b>
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To:

Description: This project will continue program development, administration and implementation of EEO procedures, including complaints and investigations; establishment of Title VI & ADA Standards and Procedures; citywide ADA self-evaluations; designing and structuring of automated tracking systems for all programs including EEO, DBE, ADA, Title VI and Public Participation; and facilitating mandatory training requirements. This program will also support the Department's initiative/outreach efforts coordinated with the DC Office of Latino Affairs (OLA) via the Latino Action Plan.

- a. Civil Rights/EEO Compliance Monitoring Program
- b. DBE Supportive Services

**Columbus Circle**

TIP ID: <b>2952</b>	Agency ID: <b>CK026</b>	Title: <b>Rehabilitation of Columbus Plaza</b>	Complete:						
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Facility: Columbus Plaza	AMTRAK	80/20/0	1,017 c						1,017
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From:	NPS	80/20/0	1,088 c						1,088
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To:	Section 5309	80/20/0	4,500 c						4,500
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	State/Local	80/20/0	2,533 c						2,533
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**Total Funds: 9,138**

Description: Work under this contract consists of the Rehabilitation of Columbus Plaza and Columbus Circle, NE., and installation of security bollards system on the perimeter of Union Station in Ward 5, Washington, District of Columbia. Work consists of the roadway and access road rehabilitation, milling and resurfacing, streetlight upgrading and traffic signal modifications, streetscaping and landscaping, and placement of security bollards around the Union Station historic structure. The work area includes the roadway access adjacent to Union Station on the east and west sides, Columbus Circle, N.E., First Street, N.E. between Massachusetts Avenue and G Street, Columbus Drive, N.E. between Massachusetts Avenue and F Street, Massachusetts Avenue, N.E. and the streets that intersect Massachusetts Avenue and some rehabilitation work within the areas under the jurisdiction of the Architect of the Capitol. A portion of work will be performed in the Columbus Plaza, National Park Service property (U.S. Reservation No. 334). Provisions have been included in the contract to ensure that disturbance to the parkland is minimized. The Contractor is cautioned to comply with requirements of this contract, Federal Acquisition Regulations (FAR) and the National Park Service criteria regarding construction on this property.

**DRAFT**

**DISTRICT OF COLUMBIA  
TRANSPORTATION IMPROVEMENT PROGRAM  
CAPITAL COSTS (in \$1,000)**

Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
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**District Freight Plan**

TIP ID: <b>5922</b>	Agency ID:	Title: <b>District Freight Plan</b>								Complete:
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Facility:	STP	80/20/0	150 a	636 a	1,386					
From:									<b>Total Funds:</b>	<b>1,386</b>
To:										

Description: The District Freight Plan will provide a current description and evaluation of the District's freight system and an analysis of economic and freight-related data to guide infrastructure projects and policies.

**Environmental Management System**

TIP ID: <b>5322</b>	Agency ID: <b>SR310C</b>	Title: <b>Preventive Maintenance and Repair of Stormwater Pumping Stations</b>								Complete: <b>2016</b>
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Facility:	State/DC	0/100/0	243 c	203 c	196 c	203 c	243 c		1,088	
From:									<b>Total Funds:</b>	<b>1,088</b>
To:										

Description: Maintain and upgrade the existing stormwater pumping stations throughout the District.

**Local Street Improvements Citywide**

TIP ID: <b>3218</b>	Agency ID: <b>CA301C</b>	Title: <b>Local Street Improvements Citywide</b>								Complete: <b>2016</b>
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Facility:	State/DC	0/100/0	1,150 c	1,100 c	1,100 c	1,250 c		1,350 c	5,950	
From:									<b>Total Funds:</b>	<b>5,950</b>
To:										

Description: This project is the construction, maintenance, and repair of the District's local sidewalk. This project improves sidewalks where there is deterioration or unsafe conditions and constructs sidewalks where there are missing segments. Annual work (construction) plans are established each year based on the available funding.

TIP ID: <b>5340</b>	Agency ID: <b>CA302C</b>	Title: <b>Local sidewalk, alley and curb improvements</b>								Complete: <b>2018</b>
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Facility: Citywide	State/DC	0/100/0	909 c	909 c	909 c	909 c	509 c	1,000 c	5,145	
From:									<b>Total Funds:</b>	<b>5,145</b>
To:										

Description: This project is the construction, repair, and maintenance of the District's local alleys. Construction is necessary on many unimproved locations as well as on alleys that need replacement due to deterioration or unsafe conditions. Annual work (construction) plans are established based on the available funding.

**DRAFT**

**DISTRICT OF COLUMBIA  
TRANSPORTATION IMPROVEMENT PROGRAM  
CAPITAL COSTS (in \$1,000)**

Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
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**TIP ID: 5341**    Agency ID: **SR301-SR308C**    Title: **Local Reconstruction/Resurfacing/Upgrading Wards 1-8**    Complete: **2016**

Facility: Citywide    State/DC    0/100/0    14,304 c    7,152 c    7,152 c    7,152 c    7,152 c    28,608

From:

**Total Funds: 28,608**

To:

Description: Roadway resurfacing, roadway reconstruction and roadway upgrading are combined in this project. Each contract is developed by ward to perform resurfacing, reconstruction and upgrading within the respective ward. This produces a comprehensive improvement plan and a systematic work order that reduces disruption in the community. A detailed coordinated plan is prepared for the entire neighborhood with participation from the community prior to the beginning of construction. This plan includes when streets would be closed, parking issues, movement and flow of vehicular traffic, temporary bus routes, and other mitigation measures to facilitate access into and out of the neighborhood. Upgrading and reconstruction involves removal of existing roadway pavement and miscellaneous structures and replacing them with new pavements, new curbs, gutters and other structures. Handicap access ramps to sidewalks, improved streetlighting, and storm water drainage system are also a part of this work. Resurfacing involves milling of existing roadway surface to approximately two inches and repaving.

### Local Street Maintenance

**TIP ID: 5323**    Agency ID: **CD029A, CE305**    Title: **Citywide Roadway Pavement Condition Assessment**    Complete:

Facility: citywide    State/DC    0/100/0    49 c    49 c    49 c    49 c    49 c    245

From: citywide

1,000 b    3,000

To: STP    80/20/0    1,000 b    1,000 b    1,000 b    1,000 b    3,000

**Total Funds: 3,245**

Description: This project will be used to retain a vendor to perform data collection and analysis of DDOTs pavement conditions.

### Master Lease Program

**TIP ID: 5371**    Agency ID: **6EQ02, 6EQ04**    Title: **Master Lease**    Complete:

Facility:    State/DC    0/100/0    11,750 e    11,950 e    6,743 e    3,910 e    800 e    1,200 e    36,353

From:

**Total Funds: 36,353**

To:

Description: This project replaces DDOT vehicles and equipment that is at the end of its useful life. This equipment includes vehicles for the snow removal program, single and multi-space parking meters, passenger vehicles, and other equipment for the maintenance of roads and bridges and the care of trees. The purchase of snow equipment will help ensure that DDOT can meet the Mayor's standards for snow removal. Parking meters, especially multi-space meters, help ensure that parking fees are collected. The project can help reduce operating costs when older fleet vehicles are replaced with newer ones that are more fuel efficient and require less maintenance.

### Pavement Markings & Traffic Calming Improvements- Street Sign

**TIP ID: 5349**    Agency ID: **CE301C - CE304C**    Title: **Pavement Markings & Traffic Calming Improvements- Street Sign**    Complete:

Facility:    State/DC    0/100/0    1,268 c    1,018 c    918 c    918 c    1,300 c    5,422

From:

**Total Funds: 5,422**

To:

Description: The project provides highly visible and durable markings in various neighborhoods of the District to indicate bicycle lanes, parking lanes, crosswalks, and turning lanes. The project also funds traffic calming measures that help reduce speeding in the District. This includes the installation of speedbumps and speedhump markings.



# DRAFT

## DISTRICT OF COLUMBIA TRANSPORTATION IMPROVEMENT PROGRAM CAPITAL COSTS (in \$1,000)

	Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
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### Performance-Based Parking Pricing

TIP ID: **3486**      Agency ID: **PM302C, ZU011A**      Title: **Local Parking Studies**      Complete: **2013**

Facility:	State/DC	0/100/0	300 c	300 c	265 c	275 c	260 c	400 c	1,800
From:	STP	80/20/0				250 a	250 b	500 b	12,100
To:						350 b	2,500 e	5,000 e	
						750 c			
						2,500 e			
<b>Total Funds:</b>									<b>13,900</b>

Description: DDOT oversees the District's street parking assets, and this project funds performance and visitor parking programs, as well as efforts to improve the parking infrastructure.

### Planning and Management Systems

TIP ID: **3213**      Agency ID: **CAL16C, PM304C, C**      Title: **Planning and Management Systems**      Complete:

Facility:	CMAQ	80/20/0	180 a							180
From:	SPR	80/20/0	5,700 a	34,200						
To:	State/DC	0/100/0	4,320 e	4,820 e	3,320 e	3,070 e	2,270 e	1,820 e	19,620	
	STP	80/20/0	3,765 a	765 a	765 a	765 a	765 a	765 a	10,590	
			1,000 c					1,000 c	1,000 c	
<b>Total Funds:</b>									<b>64,590</b>	

Description: a. AASHTOWARE  
 b. ADA Ramps  
 c. Advanced Design  
 d. Planning & Scoping  
 e. Metropolitan Planning  
 f. State Planning and Research Program  
 g. Long-Range Multi-Modal Corridor Plan  
 h. Environmental Management System  
 i. Pilot Asset Inventory and ADA Compliance - Golden Triangle  
 j. Davis-Bacon Compliance

### Professional Capacity-Building Strategy

TIP ID: **3355**      Agency ID: **PM063**      Title: **Professional Capacity-Building Strategy**      Complete:

Facility:	STP	83/17/0	1,000 a	6,000						
From:										
To:										
<b>Total Funds:</b>									<b>6,000</b>	

Description: This project provides training and educational experiences to build the technical capability and functional knowledge of DDOT employees to be a high-performing DDOT organization that will enhance community involvement and improve management's capacity.

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## DISTRICT OF COLUMBIA TRANSPORTATION IMPROVEMENT PROGRAM CAPITAL COSTS (in \$1,000)

	Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
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### Research and Technology Development

<b>TIP ID: 5310</b>	Agency ID: <b>PM0</b>	Title: <b>Research and Technology Development</b>							Complete:
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Facility:	SPR	80/20/0	800 a	4,800						
From:										
To:										
<b>Total Funds: 4,800</b>										

Description: Research administration; university support; collaborative research; new research projects; continued research projects; technology transfer and quick response.

### Rights of Way Program

<b>TIP ID: 5309</b>	Agency ID: <b>PM067A</b>	Title: <b>Rights of Way Program</b>							Complete:
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Facility:	STP	80/20/0	160 a	960						
From:										
To:										
<b>Total Funds: 960</b>										

Description: Assemble and document data on DDOT-controlled lands in the District of Columbia and develop a geo-based land data map. Provide annual funding for surveys, title searches, appraisals and other land acquisition and disposal activities prior to the development of specific capital projects. Coordinate draft air rights agreements and land transfer agreements with private developers and federal government agencies.

### Roadside Improvements Citywide

<b>TIP ID: 5797</b>	Agency ID:	Title: <b>Mount Vernon Square District</b>							Complete:
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Facility:	STP	80/20/0	5,000 c							5,000
From:										
To:										
<b>Total Funds: 5,000</b>										

Description: Complete the Mid and Long-term recommendations from the Mount Vernon Square Study.



<b>TIP ID: 5315</b>	Agency ID: <b>ED024A</b>	Title: <b>Takoma Study Recommendations</b>							Complete: <b>2013</b>
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Facility:	STP	83/17/0	300 a	300 b						3,000
From:			1,400 c	2,700 c						
To:										
<b>Total Funds: 3,000</b>										

Description: Implementation of recommendations from the Takoma Study, including new traffic signals, sidewalks, curbs and gutters.  
a. Intersection improvements at 4th/Cedar/Blair Streets NW (phase "a" to be obligated in FY 2012)



<b>TIP ID: 5792</b>	Agency ID: <b>ED0C2A</b>	Title: <b>C Street Traffic Calming</b>							Complete: <b>2014</b>
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Facility:	C Street/N. Carolina Avenue	STP	80/20/0	500 a	4,000 c					4,500
From:	Oklahoma Avenue									
To:	14th Street NE									
<b>Total Funds: 4,500</b>										

Description: The project will evaluate the needs of the C St. NE corridor and propose the reduction of at least one westbound travel lane to reduce corridor speeds. It will also include green streets design elements which reduce facility run-off.



# DRAFT

## DISTRICT OF COLUMBIA TRANSPORTATION IMPROVEMENT PROGRAM CAPITAL COSTS (in \$1,000)

	Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
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<b>TIP ID: 5308</b>	Agency ID: <b>SR070, SR036, ED09</b>	Title: <b>Neighborhood Streetscape Improvements</b>	Complete:
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Facility:	NHS	83/17/0		3,000 c						3,000
From:	STP	83/17/0				9,000 c		9,000 c		18,000
To:										<b>Total Funds: 21,000</b>

Description: Improve sidewalks, curbs, gutters, trees, streetlights, traffic signals and trash receptacles. Projects include:

- A. 14th Street Streetscape, Thomas Circle - Florida Ave
- B. 17th St. NW, Mass. Ave. to NH Ave.
- C. 18th Street / Adams Morgan, Columbia - Florida
- D. CBD Streetscape Improvements
- E. Connecticut Ave. Streetscape
- F. Columbia Heights
- H. Sherman Ave, NW, Park Rd - Florida Ave
- I. U Street, NW, 9th - 18th
- J. Harvard Triangle Intersection
- K. Citywide Sidewalks -- ARRA
- L. 15th St. NW at W St. and New Hampshire Ave.



<b>TIP ID: 5791</b>	Agency ID: <b>SR085A</b>	Title: <b>16th Street Corridor Study &amp; Operations Plan</b>	Complete:
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Facility:	STP	80/20/0		300 a	7,000 c					7,000
From:				300 d						
To:										<b>Total Funds: 7,000</b>

Description: This project will evaluate the operations on 16th Street and develop a plan that optimally balances how different modes utilize the corridor. The work will need to assess the feasibility of removing the reversible lane on 16th Street between Florida Avenue and Arkansas Avenue, NW. Alternatives may include a median similar to that north of Arkansas Avenue, and/or a dedicated bus/bicycle lane along the corridor. This project is a follow up to the recommendations made in the Mount Pleasant and Columbia Heights Transportation Studies as well as the WMATA proposal to run express bus in dedicated lanes on 16th Street. The study should also provide design and alternatives for eastbound and westbound turning movements from the median into the Columbia Heights or Mount Pleasant neighborhoods.



<b>TIP ID: 5796</b>	Agency ID: <b>SR087A</b>	Title: <b>Georgetown Transportation Study Implementation</b>	Complete:
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Facility:	State/DC	0/100/0		200 c			600 a			600
From:										<b>Total Funds: 600</b>
To:										

Description: Complete the Mid and Long-term recommendations from the Georgetown Transportation Study.



# DRAFT

## DISTRICT OF COLUMBIA TRANSPORTATION IMPROVEMENT PROGRAM CAPITAL COSTS (in \$1,000)

	Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
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### Roadway Reconstruction Citywide

TIP ID: **2965**    Agency ID: **SR004, CKTB0, PM07**    Title: **Roadway Reconstruction Citywide**    Complete: \_\_\_\_\_

Facility: CITYWIDE	NHS	83/17/0	500 a	4,000 c		10,000 c				14,500
From:	STP	83/17/0	5,000 c	500 a	500 a		15,000 c			40,300
To:				10,000 c	9,300 c					

**Total Funds: 54,800**

Description: This project reconstructs streets and highways on the Federal-aid highway system and other streets with poor pavement condition, drainage, or other reconstruction needs. Total roadway reconstruction is required when the highway pavement has reached the end of its useful life and can no longer be resurfaced. Streets must be reconstructed once the base deteriorates or the crown becomes too high, creating an undesirable slope from the center line to each curb. The scope of work includes the removal of deteriorated base and pavement, repairing the sub-base, replacing or reconstructing pavement and base within the roadway area and resetting or reconstructing curbs and sidewalks. Additional work includes the installation of wheelchair ramps, bicycle facilities, safety features and landscaping improvements. This project is in the Transportation Planning Board's Long-Range Transportation Plan for the National Capital Region. It is an ongoing District program.



- a. 1st and Galloway, NE
- b. 2nd St., Independence to Maryland Ave.
- c. K Street NW from 7th St. to New Jersey Ave.
- d. 18th St. NW from Florida to Massachusetts
- e. Florida Ave. NW, 9th St. to Sherman
- f. Nebraska Ave. NW, Nevada Ave. to Military Rd.
- g. New Hampshire Ave. NW, Dupont Circle to H St.
- h. O and P Streets NW, Wisconsin to 37th St.
- i. Oregon Ave. NW, Military Rd. to Western Ave.
- j. Pennsylvania Ave. and Potomac Ave. SE
- k. Rehabilitation of Broad Branch NW
- l. Roadway Construction Citywide
- m. South Dakota Ave. & Riggs Rd. Intersection Improvements
- n. Western Ave. NW, Chestnut to Oregon
- o. C&O Canal Wall Capstone Replacement
- p. Canal Road NW, Chain Bridge to M St.

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**DISTRICT OF COLUMBIA  
TRANSPORTATION IMPROVEMENT PROGRAM  
CAPITAL COSTS (in \$1,000)**

Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
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**Safety Improvements**

TIP ID: 3212	Agency ID: CB0, CI0	Title: Safety Improvements Citywide	Complete:							
Facility:	HSIP	90/10/0	2,100 a	4,200 a	2,100 a	36,252				
From:			1,442 b	1,442 b	1,442 b	1,442 b	1,442 b	1,442 b	1,442 b	
To:			2,150 c	2,150 c	2,150 c	2,150 c	2,150 c	2,150 c	2,150 c	
	NHS	83/17/0	202 b	210 b	217 b	226 b	234 b	242 b	242 b	8,269
			1,048 c	1,088 c	1,133 c	1,178 c	1,223 c	1,268 c	1,268 c	
	SPR	80/20/0	200 a	400 a	200 a	1,520				
			20 b	20 b	20 b	20 b	20 b	20 b	20 b	
	STP	83/17/0	630 a	390 a	630 a	390 a	630 a	390 a	390 a	23,328
			1,353 b	1,353 b	1,353 b	1,353 b	1,353 b	1,353 b	1,353 b	
			2,025 c	2,025 c	2,025 c	2,025 c	2,025 c	2,025 c	2,025 c	
<b>Total Funds:</b>									<b>69,369</b>	

Description: Safety improvements provide a safe traveling environment for vehicular traffic, pedestrians and bicycle circulation within the District on Federal-aid and local roads. Work includes elimination or relocation of roadside visual obstructions; elimination or relocation of roadside obstacles; skid resistance resurfacing; modifications to traffic channeling; median replacement; traffic signals, signs, and lighting upgrades; installation of pavement markings to eliminate or reduce accidents; and installation of safety fences at overhead structures. Safety improvements are systematically identified through analyses of accident records, inspections, surveys, and citizen requests. The District maintains an inventory of locations with the highest number of reported accidents. Funding identified to be obligated District-wide as projects are identified.

- A. Hazard Elimination
- B. Traffic Records Strategic Plan Recommendations Implementation
- C. Traffic Engineering Studies
- D. Transportation System Management for Highways (TSMH)
- E. Highway Accident Traffic Data System (TARAS)
- F. Permanent Count Stations
- G. Traffic Data Collection and Analysis Service Citywide
- H. Traffic Signal Construction
- I. Traffic Signal Systems Analysis
- J. Traffic Signal Consultant Design
- K. Traffic Safety Engineering Support Services
- L. Traffic Safety Data Center at Howard University
- M. Citywide Traffic Safety Audits
- N. Pavement Skid Testing, Design and Construction
- O. Traffic Signal Bulb Replacement
- P. Citywide Traffic Management Planning
- Q. Traffic Safety IDIQ Construction
- R. Traffic Safety Design -- HSIP

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## DISTRICT OF COLUMBIA TRANSPORTATION IMPROVEMENT PROGRAM CAPITAL COSTS (in \$1,000)

	Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
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### South Dakota Ave NE Safety Improvements from NY Ave to Riggs Road

TIP ID: <b>5783</b>	Agency ID: <b>SR045A</b>	Title: <b>South Dakota Ave NE Safety Improvements from NY Ave to Riggs Road</b>						Complete: <b>2017</b>			
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Facility:	STP	80/20/0						4,000 c		4,000
From:										<b>Total Funds: 4,000</b>
To:										

Description: This project includes sidewalk improvement, intersection improvements, streetlight modification, curb upgrade, ramp upgrade, pavement marking and signage upgrades.

### Street Repair Materials -Local

TIP ID: <b>5351</b>	Agency ID: <b>CE302- CE303</b>	Title: <b>Street Repair Materials - Local</b>						Complete:			
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Facility:	State/DC	0/100/0		10,000 c	982 c	982 c	982 c	700 c	1,300 c	14,946
From:										<b>Total Funds: 14,946</b>
To:										

Description: Through this project, equipment is purchased to help prevent extensive deterioration to the District's transportation infrastructure. Equipment purchased, but not limited to include roadway pavers, asphalt rollers, and service vehicles. Additionally, this project provides for the purchase of roadway materials such as asphalt and pavement markings.

### Streetlight Asset Mgmt & Streetlight Construction - Federal

TIP ID: <b>5439</b>	Agency ID:	Title: <b>Citywide streetlight construction</b>						Complete:			
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Facility: citywide	STP	80/20/0		450 a	18,000					
From: citywide				450 b						
To:				2,100 c	<b>Total Funds: 18,000</b>					

Description: This project will provide installation/construction of the District's aging streetlight systems to provide safe operations. Work includes upgrading of lighting in tunnels, freeway air rights, overhead signs structures, and obsolete navigational lights on bridges.

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**DISTRICT OF COLUMBIA  
TRANSPORTATION IMPROVEMENT PROGRAM  
CAPITAL COSTS (in \$1,000)**

Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
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**TIP ID: 5385 Agency ID: AD011- AD012-FY05 ( Title: Streetlight Asset Mgmt - Federal Complete:**

Facility:	NHS	83/17/0	3,000 c	18,000					
From:	STP	83/17/0	5,000 c	30,000					
To:									
								<b>Total Funds:</b>	<b>48,000</b>

Description: This project will provide maintenance for the District's aging streetlights systems to provide safe operations. Work includes upgrading of lighting in tunnels, freeway air rights, overhead signs structures, obsolete navigational lights on bridges, and tunnel ventilation systems. Projects include:

- a. Streetlight Series Circuit Conversion
- b. Local Streetlight Conversion
- c. Streetlight Replacement
- d. Streetlight Design Services
- e. Streetlight System Upgrade
- f. Electrical Systems Upgrade
- g. CW Painting of Streetlight and Traffic Signal Poles
- h. CW Street Light Maintenance
- i. Multiple Circuit Conversion
- j. Street Lighting Asset Management

**Streetlight Asset Mgmt & Streetlight Construction - Local**

**TIP ID: 5350 Agency ID: AD304 Title: Streetlight Asset Mgmt & Streetlight Construction - Local Complete:**

Facility:	State/DC	0/100/0	2,624 a	1,312 a	1,312 a	1,312 a	1,312 a	10,256 c	10,256 c	101,061
From:			17,888 c	17,701 c	19,200 c	19,200 c	19,200 c			
To:										
								<b>Total Funds:</b>	<b>101,061</b>	

Description: This project will provide maintenance of streetlights, alley lights, alley tree trimming for blockage of alley lighting, knockdowns, and asset inventory for lighting on non-federally-funded streets.

**Streetscape**

**TIP ID: 3294 Agency ID: CD054 Title: H Street Bridge over Railroad Complete: 2017**

Facility:	H St. NE	BR	80/20/0	2,000 a	10,000 c					12,000
From:	North Capitol St.									
To:	3rd St. NE									
								<b>Total Funds:</b>	<b>12,000</b>	

Description: Conduct environmental assessments. Prepare concept designs, design plans and specifications and construct documents for bridge replacement/rehabilitation. Includes work on the H Street NE Bridge from North Capitol St. to 3rd St. NE.



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## DISTRICT OF COLUMBIA TRANSPORTATION IMPROVEMENT PROGRAM CAPITAL COSTS (in \$1,000)

	Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
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<b>TIP ID: 3552</b>	Agency ID: <b>ED063A</b>	Title: <b>Great Streets - Martin Luther King, Jr. Avenue, SE</b>							Complete: <b>2015</b>
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Facility:	STP	80/20/0	1,000 a	1,000 a						1,000
From: Good Hope Road										<b>Total Funds: 1,000</b>
To:										

Description: The Great Streets program will provide a combination of local public funds and federal aid to be invested in streetscape improvements on selected commercial corridors as a means of stimulating private investment and improvement in retail opportunities in local residential neighborhoods. The program will also improve transportation infrastructure and ncrease mobility choices, including improved transit services, bicycle facilities and pedestrian facilities, as well as promote transportation safety.

<b>TIP ID: 2922</b>	Agency ID: <b>ED064A</b>	Title: <b>Great Streets - Minnesota Ave, NE</b>							Complete: <b>2015</b>
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Facility:	STP	80/20/0	8,231 c	1,000 b	1,000 b					22,000
From: A Street, NE				10,000 c	10,000 c					<b>Total Funds: 22,000</b>
To: Sheriff Road, NE										

Description: Conduct traffic assessments and provide public review and comment of proposed streetscape design elements. Conduct environmental assessments. Prepare concept designs, design plans and specifications; construct improvements to sidewalks, curbs, gutters, streets, and tree boxes; replace street trees and install other streetscape elements. Construct facilities to improve reliability and safety of transit services, including transit lanes; provide bicycle lanes; and improve pedestrian circulation.

<b>TIP ID: 3435</b>	Agency ID: <b>ED096A, ED067A</b>	Title: <b>Great Streets - Georgia Ave</b>							Complete:
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Facility:	ARRA/TIGER	80/20/0	300 a							
From:			2,700 c							
To:	NHS	80/20/0	969 a	300 c						
	STP	80/20/0				2,000 a				2,000
										<b>Total Funds: 2,000</b>

Description: Conduct traffic assessments and provide public review and comment of proposed streetscape design elements. Conduct environmental assessments. Prepare concept designs; design plans and specifications; construct improvements to sidewalks, curbs, gutters, streets, and tree boxes; replace street trees; and install other streetscape elements. Construct facilities to improve reliability and safety of transit services, including transit lanes; provide bicycle lanes; and improve pedestrian circulation.



# DRAFT

## DISTRICT OF COLUMBIA TRANSPORTATION IMPROVEMENT PROGRAM CAPITAL COSTS (in \$1,000)

	Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
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### Union Station Escalator Replacement

TIP ID: <b>6030</b>	Agency ID:	Title: <b>Union Station Escalator Replacement</b>	Complete:
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Facility:	FRA Earmark	50/50/0	3,541 c	4,000 c						7,541
From:										<b>Total Funds: 7,541</b>
To:										

Description: Replacement of ten escalators in the Union Station parking garage.

### Urban Forestry Program

TIP ID: <b>5313</b>	Agency ID: <b>CG311, CG312, CG31</b>	Title: <b>Urban Forestry Program</b>	Complete:
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Facility:	NHS	80/20/0	1,500 c	1,500 c	1,500 c	1,500 c	1,500 c	1,500 c	1,500 c	9,000
From:	State/DC	0/100/0	10,899 c	10,749 c	10,749 c	10,749 c	6,299 a	8,027 a		57,472
To:	STP	80/20/0	2,100 c	2,100 c	2,100 c	2,100 c	2,100 c	2,100 c	2,100 c	12,600
<b>Total Funds: 79,072</b>										

Description: Plant new trees, remove dead and diseased trees, treat diseased trees, replace trees, and landscape along local and Federal roads.



### Walter Reed Campus

TIP ID: <b>6022</b>	Agency ID:	Title: <b>Walter Reed - Main Drive, Etc.</b>	Complete:
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Facility:	STP	80/20/0								600
From:										<b>Total Funds: 600</b>
To:										

Description:

### TERMs

#### Transportation Emissions Reduction Measures

TIP ID: <b>5696</b>	Agency ID:	Title: <b>Clean Air Partners</b>	Complete:
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Facility:	State/DC	0/100/0	162 e	54 e	54 e	54 e	54 e			216
From:										<b>Total Funds: 216</b>
To:										

Description: The purpose of the Air Quality Public Education Project is to educate the public about congestion and transportation-related air pollution with specific actions and commute alternatives to reduce existing air quality problems.



**DRAFT**

**DISTRICT OF COLUMBIA  
TRANSPORTATION IMPROVEMENT PROGRAM  
CAPITAL COSTS (in \$1,000)**

Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
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<b>TIP ID: 3219</b>	<b>Agency ID: CM072</b>	<b>Title: Commuter Connections Program</b>						<b>Complete:</b>	
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Facility:	CMAQ	80/20/0	510 a	529 a	594 a	566 a	586 a	651 a	3,436
From:									
To:									
								<b>Total Funds:</b>	<b>3,436</b>

Description: This program's mission is to reduce mobile source emissions by reducing the number of vehicle miles traveled, and supporting other Transportation Control Measures. The project provides funding to the TPB's Commuter Connections Program for the following projects:

- a. Employer Outreach
- b. Guaranteed Ride Home
- c. Commuter Operations Center
- d. Mass Marketing
- e. Monitoring and Evaluation

**Maintenance**

**Bridge Operation and Maintenance**

<b>TIP ID: 5785</b>	<b>Agency ID:</b>	<b>Title: Construction</b>						<b>Complete:</b>	
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Facility:	State/DC	0/100/0	1,080 c	1,080 c	1,080 c	1,080 c	1,055 c	1,080 c	6,455
From:									
To:									
								<b>Total Funds:</b>	<b>6,455</b>

Description: The Bridge Reconstruction and Rehabilitation program helps ensure safe and efficient use of the City's bridges and structures. This project includes various activities that extend the useful life of the District's bridges including joint replacement and sealing, surface rehabilitation and localized reconstruction.

**Concrete, Asphalt and Bridge Maintenance**

<b>TIP ID: 5786</b>	<b>Agency ID:</b>	<b>Title: Concrete, Asphalt and Brick Maintenance</b>						<b>Complete:</b>	
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Facility:	State/DC	0/100/0	836 c	836 c	836 c	836 c	716 c	1,000 c	5,060
From:									
To:									
								<b>Total Funds:</b>	<b>5,060</b>

Description: This project provides labor, equipment, and materials necessary to rehabilitate and reconstruct concrete, asphalt, and brick infrastructure through the District.

**Masonry and Concrete Maintenance**

<b>TIP ID: 5787</b>	<b>Agency ID:</b>	<b>Title: Masonry and Concrete Maintenance</b>						<b>Complete:</b>	
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Facility:	State/DC	0/100/0	1,076 c	1,076 c	1,016 c	1,026 c	926 c	1,016 c	6,136
From:									
To:									
								<b>Total Funds:</b>	<b>6,136</b>

Description: This project provides labor, equipment and materials necessary to rehabilitate and reconstruct masonry and concrete transportation assets throughout the District. This includes curb and gutter, brick and concrete sidewalk, and brick and concrete alleys. Through this asset reconstruction and preservation efforts, safety hazards and ADA issues are resolved. The project also includes new sidewalks.

# DRAFT

## DISTRICT OF COLUMBIA TRANSPORTATION IMPROVEMENT PROGRAM CAPITAL COSTS (in \$1,000)

	Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
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### Resurfacing Streets and Freeways Citywide

<b>TIP ID: 3215</b>	Agency ID: <b>SR014</b>	Title: <b>Resurfacing Streets and Freeways Citywide</b>							Complete:	
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Facility: Citywide	STP	80/20/0	3,000 c	18,000						
From:										
To:										
<b>Total Funds:</b>										<b>18,000</b>

Description: Roadway resurfacing improvements prevent extensive deterioration and potholes. Improvements extend the useful life of the original construction and diminishes the frequency of more costly reconstruction. Work includes the restoration and rehabilitation of distressed highway pavements through resurfacing improvements on roads eligible for federal aid. Work includes the removal of existing asphalt wearing surfaces; replacing deteriorated portions of pavement base; rehabilitating curbs, gutters, and sidewalks; installing curb and bicycle ramps; construction asphalt surface overlays; installation of signage; pavement markings; installation of street lights; upgrading traffic signals; and new trees as needed.

- a. Federal Aid Resurfacing
- b. Federal-aid Pavement Restoration
- c. Regular Cover
- d. Slurry/Joint Seal
- e. Citywide Resurfacing
- f. Local Pavement Restoration (Potholes)
- g. Asphalt PCC repair
- h. Public Lands Highways (e.g. American Veterans Disabled for Life Memorial - construction to be obligated in FY 2012)
- i. Special Resurfacing Initiatives
- j. Pavement Marking and Traffic Calming Improvements
- k. Street Repair and Management Equipment and Materials
- l. Street Sign Improvements

<b>TIP ID: 5339</b>	Agency ID: <b>SR037A</b>	Title: <b>Federal-Aid Pavement Restoration - National Highway System (NHS) Routes</b>							Complete:	
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Facility: Pavement restoration on NHS routes	NHS	80/20/0	375 b	3,000 c	18,625					
From:			3,250 c							
To:										
<b>Total Funds:</b>										<b>18,625</b>

Description: Work under this contract consists of performing preventive maintenance activities to rehabilitate and maintain roadway and roadside assets within the right-of-way on the District's portion of the National Highway System (NHS). The majority of the work will consist of resurfacing various roadway segments. Resurfacing will include either the full roadway width, lane by lane or spot locations. The work also includes, but is not limited to, performing repairs or replacements of existing structures including curbs, gutters, sidewalks, driveway entrances, base pavements, and corner cut backs; replacing or resetting stone and concrete curb; replacing perimeter fencing; furnishing sewer-water manhole frames and basin tops; constructing wheelchair / bicycle ramps; cleaning catch basins and connecting pipe; weed control; necessary grading and excavating; and other miscellaneous work needed to complete the project.

### Street Alley Maintenance Repair

<b>TIP ID: 5799</b>	Agency ID:	Title: <b>Street Alley Maintenance Repair</b>							Complete:	
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Facility: State/DC	0/100/0	8,486 c	6,595 c	5,905 c	6,486 c	1,500 c	7,000 c	35,972	
From:									
To:									
<b>Total Funds:</b>									<b>35,972</b>

Description:

# DRAFT

## DISTRICT OF COLUMBIA TRANSPORTATION IMPROVEMENT PROGRAM CAPITAL COSTS (in \$1,000)

	Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
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### Transit

#### East-West Transitway

TIP ID: <b>3505</b>	Agency ID: <b>SR075A</b>	Title: <b>East-West Transitway</b>		Complete: <b>2018</b>
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Facility:	NHS	80/20/0		10,000 d	20,000 d	20,000 d				50,000
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From: 24th Street NW

**Total Funds: 50,000**

To: 7th Street NW

Description: This project will redesign and reconstruct a major east/west arterial roadway serving the downtown area with an exclusive median running transitway between Mt Vernon Triangle and Washington Circle. The new roadway will provide improved transit and vehicular mobility, reduce congestion and air pollution, and improve transportation safety. The reconstruction of K Street will strengthen the economic vitality of the city's downtown core.



#### Metropolitan and Statewide Planning (FTA)

TIP ID: <b>5839</b>	Agency ID:	Title: <b>Metropolitan and Statewide Planning</b>		Complete:
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Facility:	Section 5303	80/20/0	1,425 a	475 e	475 e	475 e	475 e			1,900
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From:

**Total Funds: 1,900**

To:

Description: This FTA grant program apports planning funds to DDOT to support cooperative, continuous, and comprehensive planning for making transportation investment decisions in the District of Columbia through the Washington DC metropolitan area.

#### Metrorail and Metrobus CIP

TIP ID: <b>3234</b>	Agency ID:	Title: <b>Distirct of Columbia Subsidy</b>		Complete:
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Facility:	BD	0/100/0	222,538 e	116,019 e	118,419e	120,719 e	119,619 e			474,776
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From:

**Total Funds: 474,776**

To:

Description: As a signatory to the capital funding agreement established to build, repair and replace the mass transit system, the District of Columbia is required to make capital contribution payments for WMATA improvements. This CIP includes the District's capital subsidy payment as well as the local match to the Passenger Rail Investment and Improvement Act (PRIIA).

#### Specialized Transportation Services for the Elderly & Persons with Disabilities

TIP ID: <b>3233</b>	Agency ID:	Title: <b>Specialized Transportation Services for the Elderly and Persons with Disabilities.</b>		Complete:
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Facility:	Section 5310	80/20/0	1,172 e	430 e	452 e	474 e	497 e			1,853
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From:

**Total Funds: 1,853**

To:

Description: Transportation for Elderly Person and Persons with Disability (Section 5310, Federal Transit Administration). This program provides formula funding to States for the purpose of assisting private nonprofit groups in meeting the transportation needs of the elderly and persons with disabilities.

**DRAFT**

**DISTRICT OF COLUMBIA  
TRANSPORTATION IMPROVEMENT PROGRAM  
CAPITAL COSTS (in \$1,000)**

Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
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**Streetcar**

TIP ID: <b>5755</b>	Agency ID:	Title: <b>Union Station to Georgetown Waterfront via K Street Extension</b>	Complete: <b>2014</b>
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Facility: Streetcar (track, poles, overhead wires, etc)	CMAQ	80/20/0	1,500	d					1,500
From: Union Station via K Street NW									
To: Washington Circle (Foggy Bottom Area)									
<b>Total Funds:</b>									<b>1,500</b>

Description: The DC Streetcar: Union Station to Georgetown Waterfront is a 3.3 mile surface fixed guideway for a premium transit line. The Alternative Analysis (AA) Study will assist in financing the evaluation of all reasonable modal and multimodal alternatives and general alignment options for identified transportation need in the corridor. After locally preferred alternative is evaluated in the AA Study, a NEPA action will address the potential impacts of the project.

TIP ID: <b>5754</b>	Agency ID:	Title: <b>Benning Road Extension</b>	Complete:
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Facility: Streetcar (track, poles, overhead wires, etc)	CMAQ	80/20/0	1,200	a	2,000	a			2,000
From: Along Benning Road from Oklahoma Ave NE									
To: Along Benning Road to 42nd Street NE									
<b>Total Funds:</b>									<b>2,000</b>

Description: The Benning Road Streetcar Extension is a 1.95-mile surface fixed guideway transit line that includes electrically powered streetcar vehicles operating along tracks located within the existing street and travel lanes. The NEPA study will address potential impacts of the project, as well as, preliminary engineering (conceptual) for the line.

TIP ID: <b>5753</b>	Agency ID:	Title: <b>Anacostia Streetcar Extension</b>	Complete: <b>2015</b>
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Facility: MLK Jr Ave SE	CMAQ	80/20/0	577	a	1,000	a			1,000
From: Howard Rd SE			1,253	d					
To: Good Hope Rd SE									
<b>Total Funds:</b>									<b>1,000</b>

Description: The Anacostia Streetcar Extension is .61 mile surface fixed guideway transit line that includes electrically powered streetcar vehicles operating along tracks located within the existing street and travel lanes. The NEPA study currently underway will address potential impacts of the project, as well as, preliminary engineering (conceptual 30%) for the line.

TIP ID: <b>6031</b>	Agency ID:	Title: <b>DC Streetcar Construction Phase I</b>	Complete:
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Facility:	State/DC	0/100/0	237	c					237
From:									
To:									
<b>Total Funds:</b>									<b>237</b>

Description: The proposed 37 miles DC Streetcar network is divided into a three system wide proposed phases. Each phase is composed of a set of extensions (segments) that will be further study, design and constructed. Local funding for construction of extensions of the Phase 1 include: Anacostia Streetcar Extension, Union Station to Washington Circle and Benning Rd. Extension



# MARYLAND

Maryland Department of Transportation	
State Highway Administration	M – 1
Maryland Transportation Authority	M – 1+
Maryland Transit Administration	M – 1,
Frederick County	M – &&
Montgomery County	M – ' (
Prince George's County	M – ) *



# DRAFT

## SUBURBAN MARYLAND TRANSPORTATION IMPROVEMENT PROGRAM CAPITAL COSTS (in \$1,000)

Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
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### MDOT/State Highway Administration

#### Interstate

#### I 70, Baltimore National Pike

TIP ID: **5419**      Agency ID: **FR4271**      Title: **I-70, Phase 2D**      Complete: **2013**

Facility: I 70 Baltimore National Pike	BR	80/20/0	30,712	c					
From: MD 355	IM	90/10/0	4,095	b	12	b	4,639	c	19,919
To: MD 144					15,268		c		
	NHS	80/20/0	375	a					
	STP	80/20/0	1,000	c					

**Total Funds: 19,919**

Description: Widen I-70 east of MD 85 to east of MD 144, replace the I-70 bridge over Reich's Ford Road, reconstruct the ramps at Monocacy/ Reich's Ford Road.



#### I 95

TIP ID: **3033**      Agency ID: **PG4191**      Title: **I 95**      Complete: **2016**

Facility: I 95 Contee Road Relocated w/ C/D Roads	IM	90/10/0	3,887	a	2,025	b	11,000	c	21,116
From:			2,000	b	8,091	c			
To:			2,803	c					
	NHS	80/20/0	2,050	b	2,025	b	11,001	c	21,117
			2,804	c	8,091	c			

**Total Funds: 42,233**

Description: Construct a new interchange at Contee Road Relocated with two lane collector-distributor roads northbound and southbound at I-95 and Contee Road Relocated.



# DRAFT

## SUBURBAN MARYLAND TRANSPORTATION IMPROVEMENT PROGRAM CAPITAL COSTS (in \$1,000)

	Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
<b>I-270</b>										
<b>TIP ID: 3044</b>		<b>Agency ID: MO8391</b>		<b>Title: I 270/ Watkins Mill Road Extended</b>					<b>Complete: 2016</b>	
Facility: I 270 Interchange	IM	90/10/0	500 a							
From: Watkins Mill Road Extended	Local	0/0/100	10,000 a	500 a	1,000 a	2,069 a				3,569
To:	NHS	80/20/0	1,881 a							
<b>Total Funds:</b>										<b>3,569</b>

Description: Construct a new interchange at Watkins Mill Road Extended. This consists of a full diamond interchange connecting I-270 to and from Watkins Mill Road Extended. This also includes two-lane Collector-Distributor roads on I-270 in the northbound and southbound directions and the completion of the four-to-six lane connection of Watkins Mill Road from MD 117 to MD 355.

<b>I-95/I-495, Capital Beltway</b>										
<b>TIP ID: 3554</b>		<b>Agency ID: PG2151</b>		<b>Title: Branch Avenue Metro Access - Phase 2</b>					<b>Complete: 2020</b>	
Facility: I 95/495 Capital Beltway	NHS	80/20/0	5,879 a	647 a	750 a	750 a				8,447
From: MD 5/Branch Avenue Metro Station			500 b	5,000 b	1,000 b	300 b				
To:										
<b>Total Funds:</b>										<b>8,447</b>

Description: Study to improve access from MD 5 (Branch Avenue) and I-95/I-495 to the Branch Avenue Metro Station. Phase 2 consists of improvement to the Access Road, pedestrian bridge and the County Road. Pedestrian/bicycle facilities will be included where appropriate.

<b>Primary</b>										
<b>MD 200 - Intercounty Connector</b>										
<b>TIP ID: 2804</b>		<b>Agency ID:</b>		<b>Title: MD 200 GARVEE Bond Repayment</b>					<b>Complete: 2012</b>	
Facility:	NHS	80/20/0	302,734 c	87,451 c	87,458 c	87,454 c				262,363
From:										
To:										
<b>Total Funds:</b>										<b>262,363</b>

Description: Repayment of GARVEE bond proceeds used for the Intercounty Connector Project. Debt service continues for 15 years following issuance.

# DRAFT

## SUBURBAN MARYLAND TRANSPORTATION IMPROVEMENT PROGRAM CAPITAL COSTS (in \$1,000)

	Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
TIP ID: <b>3446</b> Agency ID: <b>AT3761</b> Title: <b>MD 200 - Intercounty Connector</b> Complete: <b>2012</b>										
Facility: Intercounty Connector	GARVEE	100/0/0	104,070 a	7,232 c						7,232
From: I 370			298,000 b							
To: US 1			##### c							
	TF	0/100/0		4,778 c						4,778
<b>Total Funds:</b>										<b>12,010</b>

Description: Construct a new east-west, multi-modal highway in Montgomery and Prince George's counties between I-370 and I-95/US 1. The project will include managed lanes with express bus service connecting to Metrorail stations, and is currently under construction. Total costs to construct the ICC are shown on this line item. The debt service associated with the GARVEE funding source is shown for informational purposes on a separate line item. For more details on ICC Financing, visit <http://www.iccproject.com/>.



### MD 210, Indian Head Highway

TIP ID: <b>4879</b> Agency ID: <b>PG7001</b> Title: <b>MD 210 at Kerby Hill Road/Livingston Road</b> Complete: <b>2020</b>										
Facility: MD 210 at Kerby Hill Road/Livingston Road	HPP	80/20/0	2,761 a	1,000 a	1,000 a	2,843 a				4,843
From:										
To:										
<b>Total Funds:</b>										<b>4,843</b>

Description: Reconstruct the existing MD 210 intersection at Kerby Hill Road/Livingston Road to a grade separated interchange. Bicycles and pedestrians will be accommodated where appropriate.



### MD 4, Pennsylvania Avenue

TIP ID: <b>3547</b> Agency ID: <b>PG6181</b> Title: <b>Suitland Parkway Interchange</b> Complete: <b>2016</b>										
Facility: MD 4 Pennsylvania Avenue Interchange	NHS	80/20/0	3,210 a	400 a	9 a					409
From: Suitland Parkway			585 b							
To:										
<b>Total Funds:</b>										<b>409</b>

Description: This project will replace the at-grade intersection at Suitland Parkway with a grade-separated interchange, and widen MD 4 to a 6 lane freeway.



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**SUBURBAN MARYLAND  
TRANSPORTATION IMPROVEMENT PROGRAM  
CAPITAL COSTS (in \$1,000)**

		Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
<b>MD 5, Branch Avenue</b>											
TIP ID: 4882	Agency ID: PG1751	Title: MD 5/MD 373/Brandywine Road Relocated Interchange								Complete: 2016	
Facility: MD 5 at		HPP	80/20/0	4,965 a							
From: MD 373 /Brandywine Road Relocated		NHS	80/20/0		1,400 a	1,000 a	600 a				3,000
To:											
											<b>Total Funds: 3,000</b>

Description: Construct a new interchange at MD 5, MD 373 and Brandywine Road Relocated. Bicycle and pedestrian access will be included as part of this project where appropriate. This interchange will be constructed in multiple phases. Phase 1 of this project includes widening existing MD 5 from 4 to 6 lanes from US 301 to north of MD 373 (1.07 miles). The widening will be done in the median, and will be part of the overall interchange.



TIP ID: 5555	Agency ID: PG1752	Title: MD 5/MD 373/Brandywine Rd Relocated Phase I								Complete: 2016	
Facility: MD 5		HPP	80/20/0	3,747 b	849 b						849
From: MD 373				2,634 c							
To: US 1		STP	80/20/0	2,886 c							
											<b>Total Funds: 849</b>

Description: Widen existing MD 5 from 4 to 6 lanes from north of MD 373 to US 301.



TIP ID: 3469	Agency ID: PG3916	Title: MD 5, US 301 at T.B to north of the Capital Beltway								Complete: 2025	
Facility: MD 5 Branch Avenue		NHS	80/20/0	1,469 a	11 a						11
From: US 301 at T.B.				8,819 b							
To: I 495 I-95/I-495											
											<b>Total Funds: 11</b>

Description: This project would upgrade access controls and widen existing MD 5 from US 301 at T.B. to north of I-95/I-495 (10.50 miles) to a six lane freeway with interchanges at MD 373/Brandywine Road Relocated , Burch Hill/Earnshaw Roads, Surratts Road, MD 223 (complete), Coventry Way and Malcom /Schultz Roads (complete), and MD 337 (complete) and modification to the I-95/I495 interchange.

**US 1, Baltimore Avenue**

TIP ID: 3108	Agency ID: PG2531	Title: Baltimore Avenue from College Avenue to Sunnyside Avenue								Complete: 2020	
Facility: US 1 Baltimore Avenue		NHS	80/20/0		800 a	800 a	5,040 a				6,640
From: College Avenue		STP	80/20/0	4,337 a	200 a	200 a	1,260 a				1,660
To: Sunnyside Avenue											
											<b>Total Funds: 8,300</b>

Description: Reconstruct US 1 from College Avenue to Sunnyside Avenue. Sidewalks and wide curb lanes will be included where appropriate. Engineering to begin for the segment from MD 193 to College Avenue.



**DRAFT**

**SUBURBAN MARYLAND  
TRANSPORTATION IMPROVEMENT PROGRAM  
CAPITAL COSTS (in \$1,000)**

		Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
<b>US 15, Catoctin Mountain Highway</b>											
TIP ID: 4892	Agency ID: FR5711	Title: US 15 at Monocacy Boulevard								Complete: 2016	
Facility: US 15 Catoctin Mountain Highway		Local	0/0/100	2,000 a	1,350 a	1,350 a					2,700
From: Monocacy Blvd.		NHS	80/20/0		1,350 a						1,350
To:		SP	80/20/0	754 a							
		STP	80/20/0	900 a							
										<b>Total Funds:</b>	<b>4,050</b>

Description: Design of grade-separated interchange: includes bicycle and pedestrian accomodations

**US 301 South Corridor Transportation Study**

TIP ID: 2944	Agency ID: AW5341	Title: South Corridor Transportation Study								Complete: 2040	
Facility: US 301		NHS	80/20/0	10,747 a							
From: Potomac River				51,231 b							
To: US 301/US 50 Interchange		State/DC	0/100/0		1,858 b	1,800 b	6,000 b	3,000 b	3,000 b		15,658
										<b>Total Funds:</b>	<b>15,658</b>

Description: A multi-modal corridor study to consider highway/transit improvements from the Potomac River to US 301/US 50 interchange in Bowie. Bicycle and pedestrian access will be considered in the study

**US 340/US 15 Interchange at Jefferson Tech Park**

TIP ID: 4891	Agency ID:	Title: US 340/US 15 Interchange at Jefferson Tech Park								Complete: 2016	
Facility: US 340		PRIV	0/0/0	900 a	5,000 c	5,000 c					10,000
From: at Jefferson Tech Park											
To:											
										<b>Total Funds:</b>	<b>10,000</b>

Description: Improve the existing capacity and traffic operations along MD 180 and MD 351 from Greenfield Drive to Corporate Drive, while supporting existing and planned development. 

**DRAFT**

**SUBURBAN MARYLAND  
TRANSPORTATION IMPROVEMENT PROGRAM  
CAPITAL COSTS (in \$1,000)**

Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
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**Secondary****BRAC Intersections near Joint Base Andrews**

TIP ID: **5759** Agency ID:                      Title: **BRAC Intersection near Joint Base Andrews** Complete: **2040**

Facility: Intersections near Joint Base Andrews	PL	100/0/0	2,500 a						
From:	STP	80/20/0		1,000 a	2,501 a				3,501
To:									
<b>Total Funds:</b>									<b>3,501</b>

Description: Intersection improvements at key locations along access routes to Joint Base Andrews in Prince George's County. Bicycle and pedestrian improvements will be provided where appropriate

**BRAC Intersections near National Naval Medical Center, Bethesda**

TIP ID: **5998** Agency ID: **MO5932** Title: **MD 355/Cedar Lane** Complete: **2017**

Facility: MD 355 Cedar Lane	NHS	80/20/0	2,021 b	2,383 b	1,967 c	4,282 c			11,984
From:			26 c	1,305 c					
To:	PL	100/0/0	1,000 c	2,000 c	2,000 c				5,000
<b>Total Funds:</b>									<b>16,984</b>

Description: Construct intersection improvements to improve safety and operations.

TIP ID: **5988** Agency ID: **MO5935** Title: **MD 185 Connecticut/Jones Bridge Road** Complete:

Facility: MD 185 Connecticut Avenue/Jones Bridge Road	PL	100/0/0	2,000 c	2,000 c					4,000
From:	STP	80/20/0	294 c	689 c	2,116 c				3,099
To:									
<b>Total Funds:</b>									<b>7,099</b>

Description: Construct intersection improvements to improve safety and operations in the near term.

TIP ID: **5992** Agency ID: **MO5937** Title: **MD 355 - Cedar Lane and Jones Bridge** Complete:

Facility: MD 355 Cedar Lane and Jones Bridge	NHS	80/20/0	4,854 c	1,047 c					5,901
From:									
To:									
<b>Total Funds:</b>									<b>5,901</b>

Description: Construct utilities on MD 355 at Cedar Lane and Jones Bridge. Construct Dynamic Lane Controls on MD 355/Cedar Lane

**DRAFT**

**SUBURBAN MARYLAND  
TRANSPORTATION IMPROVEMENT PROGRAM  
CAPITAL COSTS (in \$1,000)**

		Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
<b>MD 124, Woodfield Road</b>											
TIP ID: 3057	Agency ID: MO6322	Title: MD 124, Woodfield Road								Complete: 2020	
Facility:	MD 124 Woodfield Road	HPP	80/20/0	300 a	700 a						700
From:	Midcounty Highway to south of Airpark Drive	STP	80/20/0	4 b	325 a	321 a					646
To:	north of Fieldcrest Road to Warfield Road										
<b>Total Funds:</b>											<b>1,346</b>

Description: Reconstruct MD 124 (Woodfield Road), from Midcounty Highway to south of Airpark Drive, and north of Fieldcrest Road to Warfield Road. Sidewalks to be included where appropriate. Wide curb lanes will accommodate bicycles.

**MD 180/MD 351, Jefferson Pike/Ballenger Creek Pike**

TIP ID: 4897	Agency ID: FR5491	Title: MD 180/MD 351, Jefferson Pike/Ballenger Creek Pike								Complete: 2025	
Facility:	MD 180/351 Jefferson Pike/Ballenger Creek Pike	State/DC	0/100/0	249 a							
From:	Greenfield Drive	STP	80/20/0	810 a	854 a						854
To:	Corporate Drive										
<b>Total Funds:</b>											<b>854</b>

Description: Improve the existing capacity and traffic operations along MD 180 and MD 351 from Greenfield Drive, while supporting existing and planned development.

**MD 201, Kenilworth Avenue**

TIP ID: 4893	Agency ID:	Title: MD 201 (Kenliworth Avenue)								Complete: 2030	
Facility:	MD 201	PRIV	0/0/0		5,000 c						5,000
From:	Rittenhouse Road										
To:	Pontiac Street										
<b>Total Funds:</b>											<b>5,000</b>

Description: Widen MD 201, from Rittenhouse Road to Pontiac Street to six lanes with intersection improvements. This project will be funded and constructed by developers based on Prince George's County's Adequate Public Facility Ordinance requirements.

**MD 355, Rockville Pike**

TIP ID: 3542	Agency ID: MO3441	Title: Rockville Pike								Complete:	
Facility:	MD 355 Rockville Pike at Parklawn Drive	Local	0/0/100		1,000 a	500 a	6,681 a				8,181
From:											
To:											
<b>Total Funds:</b>											<b>8,181</b>

Description: Construct a CSX Railroad grade-separated crossing and interchange improvements on Randolph Road/Montrose Road. Sidewalks will be included where appropriate.



# DRAFT

## SUBURBAN MARYLAND TRANSPORTATION IMPROVEMENT PROGRAM CAPITAL COSTS (in \$1,000)

	Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total	
<b>MD 450, Annapolis Road</b>											
TIP ID: 3150	Agency ID: PG6541	Title: Annapolis Road from Stonybrook Drive to west of MD 3							Complete: 2016		
Facility: MD 450 Annapolis Road	STP	80/20/0	3,026 a	10 a	120 a					130	
From: Stonybrook Drive											
To: west of MD 3											
Description: Widen MD 450, from Stonybrook Drive to west of MD 3, to a four lane divided roadway.										<b>Total Funds: 130</b>	



<b>MD 85, Buckeystown Pike</b>											
TIP ID: 3101	Agency ID: FR3881	Title: MD 85, Buckeystown Pike							Complete: 2020		
Facility: MD 85 Buckeystown Pike	HPP	80/20/0	3,672 a	780 a	3,312 a					4,092	
From: English Muffin Way											
To: north of Grove Road											
Description: Upgrade MD 85 to a four to six-lane divided highway from English Muffin Way to north of Grove Road. Widen MD 85 to a four-lane divided highway from south of English Muffin Way to the State Highway Administration/Westview development complex, then 6 lanes through the I-270 interchange, then 4 lanes from north of Spectrum Drive to Grove Road. The interchange at I-270/MD 85 will be partially reconstructed as part of this line item. There are no capacity improvements anticipated north of Grove Road where MD 85 will remain 4 lanes. Auxilliary lanes where necessary.										<b>Total Funds: 4,092</b>	



<b>MD 97, Georgia Avenue</b>											
TIP ID: 3104	Agency ID: MO8541	Title: Georgia Avenue							Complete: 2015		
Facility: MD 97 Georgia Avenue	STP	80/20/0	5,827 a	30 a	77 a	5,118 b	10,707 c			48,632	
From: Randolph Road			9,400 b	1,470 b	3,144 b	16,060 c					
To:			1,323 c		12,026 c						
Description: Construct interchange improvements at MD 97 and Randolph Road. Includes sidewalks where appropriate and wide curb lanes will accommodate bicycles. Alternative C - Randolph Road under MD 97. Montgomery County is contributing an additional \$14.4 million for Right of Way and Utilities.										<b>Total Funds: 48,632</b>	



<b>MD 97, Georgia Avenue - Montgomery Hills</b>											
TIP ID: 5420	Agency ID:	Title: MD 97, Georgia Avenue							Complete: 2040		
Facility: MD 97 Georgia Avenue	Local	0/0/100		1,300 a	1,485 a					2,785	
From: 16th Street											
To: I 495 Capital Beltway											
Description: Study to improve safety and accessibility on MD 97 (Georgia Avenue) from 16th Street to the Capital Beltway (0.52 miles). Sidewalks will be included where appropriate. Wide curb lanes to accommodate bicycles will be included.										<b>Total Funds: 2,785</b>	

# DRAFT

## SUBURBAN MARYLAND TRANSPORTATION IMPROVEMENT PROGRAM CAPITAL COSTS (in \$1,000)

	Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
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### Other On-the-Job Training Program

TIP ID: <b>5935</b>	Agency ID:	Title: <b>On-the-Job Training Program</b>	Complete:
Facility:	NHS	100/0/0	500 e
From:	State/DC	0/100/0	500 e
To:			
<b>Total Funds:</b>			<b>500</b>

Description: The On-the-Job program will be operated under the direction of the Maryland State Highway Administration / Office of Equal Opportunity. The purpose of the program will be to provide relevant soft skills for technical and construction trades related training which meets the need of the Maryland's highway construction industry relative to participating on state and federal-aid highway construction projects

### System Preservation Projects

TIP ID: <b>2710</b>	Agency ID:	Title: <b>Enhancement Projects</b>	Complete: <b>2012</b>
Facility:	STP	50/0/50	5,346 c 5,610 c 5,874 c
From:			
To:			
<b>Total Funds:</b>			<b>16,830</b>

Description: The following projects are included :



Area Wide:  
Tree Planting  
Native Plant Establishment and Integrated Roadside Vegetation Management

Charles County:  
Indian Head Boardwalk

Frederick County:  
Ballenger Creek Trail Phase 1  
Carroll Creek Park Trail - Phase II  
Archeology - Frederick County

Montgomery County:  
Anglers Breach  
Olde Towne Gaithersburg Rolling Stock Restoration  
Shady Grove Metro Access Road Bikepath  
I-270 SWM Facilities Functional Upgrades

Prince George's County:  
College Park Trolley Trail Phase IV Calvert to Paint Branch  
North Gate Park at the Paint Branch  
Archeology – Bladensburg  
Archeology of the Scorpion 2010

# DRAFT

## SUBURBAN MARYLAND TRANSPORTATION IMPROVEMENT PROGRAM CAPITAL COSTS (in \$1,000)

	Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total	
TIP ID: <b>3085</b>		Agency ID:		Title: <b>Congestion Management</b>						Complete: <b>2010</b>	
Facility:	CMAQ	100/0/0		920 a	483 a	410 a				4,947	
From:				223 b	13 b	11 b					
To:				1,392 c	810 c	685 c					
	NHS	80/20/0		659 a	461 a	214 a				2,919	
				13 b	7 b	5 b					
				768 c	434 c	358 c					
	STP	80/20/0		522 a	401 a	137 a				2,411	
				7 b	4 b	3 b					
				826 c	281 c	230 c					
<b>Total Funds:</b>										<b>10,277</b>	

Description: Congestion management program includes projects associated with the following: traffic management - new or reconstruct signals, signing and lighting; signal systemization; commuter action - engineering and construction of Park-n-Ride facilities; CHART - engineering and construction of ITS projects; and intersection capacity improvement - engineering and construction of intersection improvements.



TIP ID: <b>5838</b>		Agency ID:		Title: <b>Congressional Earmarks</b>						Complete:	
Facility:	Earmark	80/0/20		8,520 c	4,185 c	4,185 c				8,370	
From:											
To:											
<b>Total Funds:</b>										<b>8,370</b>	

Description: These are non-SHA projects that received federal funding through congressional action, either a High Priority earmark from the most recent reauthorization bill (SAFETEA-LU) or an earmark in the annual appropriations (omnibus) bill. Since these earmarks are granted via a transportation spending bill, the funding is administered through the Maryland Department of Transportation/State Highway Administration. The individual projects are shown in the SHA portion of the current CTP under the tab for each of the respective jurisdictions. The match amounts, which vary percentage-wise project by project, are provided by the project sponsors.



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**SUBURBAN MARYLAND  
TRANSPORTATION IMPROVEMENT PROGRAM  
CAPITAL COSTS (in \$1,000)**

		Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total	
TIP ID: <b>3084</b>		Agency ID:		Title: <b>Safety and Spot Improvements</b>						Complete: <b>2010</b>		
Facility:		CMAQ	100/0/0		402 a	222 a	201 a				2,748	
From:					27 b	15 b	13 b					
To:					911 c	501 c	456 c					
<hr/>												
		HSIP	90/10/0		1,506 a	887 a	887 a				10,881	
					690 b	59 b	59 b					
					2,773 c	2,010 c	2,010 c					
<hr/>												
		IM	90/10/0		488 a	388 a	355 a				4,101	
					32 b	26 b	24 b					
					1,105 c	880 c	803 c					
<hr/>												
		NHS	80/20/0		5,697 a	1,621 a	1,535 a				28,576	
					2,655 b	109 b	102 b					
					9,704 c	3,675 c	3,478 c					
<hr/>												
		SRTS	100/0/0		1,505 a	886 a	886 a				10,874	
					689 b	59 b	59 b					
					2,772 c	2,009 c	2,009 c					
<hr/>												
		STP	80/20/0		14,986 a	5,442 a	4,739 a				87,011	
					6,261 b	347 b	316 b					
					30,996 c	13,181 c	10,743 c					

**Total Funds: 144,191**

Description: Roundabouts, geometric improvements, slope repairs, pedestrian crossings, rail crossings, safety improvements, intersection realignment, drainage improvements, pavement marking and joint sealing.



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**SUBURBAN MARYLAND  
TRANSPORTATION IMPROVEMENT PROGRAM  
CAPITAL COSTS (in \$1,000)**

		Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
<b>TIP ID: 3082</b>		Agency ID:		<b>Title: Resurfacing and Rehabilitation</b>						Complete: <b>2010</b>	
Facility:		IM	90/10/0		1,576 a	696 a	631 a				41,466
From:					225 b	100 b	90 b				
To:					20,714 c	9,142 c	8,292 c				
<hr/>											
		NHS	80/20/0		1,126 a	517 a	471 a				30,195
					161 b	73 b	67 b				
					14,801 c	6,793 c	6,186 c				
<hr/>											
		STP	80/20/0		2,813 a	1,293 a	1,175 a				75,447
					402 b	185 b	168 b				
					36,964 c	17,001 c	15,446 c				
										<b>Total Funds:</b>	<b>147,108</b>

Description: Pavement milling overlay concrete patching.



<b>TIP ID: 3083</b>		Agency ID:		<b>Title: Urban Reconstruction</b>						Complete: <b>2010</b>	
Facility:		STP	80/20/0		359 a	198 a	477 a				6,890
From:					71 b	39 b	96 b				
To:					1,962 c	1,083 c	2,605 c				
										<b>Total Funds:</b>	<b>6,890</b>

Description: Rehabilitation or reconstruction which would include drainage, curb and gutter, pavement milling and resurfacing, streetscapes, sidewalks, signs, markings, and lighting.



# DRAFT

## SUBURBAN MARYLAND TRANSPORTATION IMPROVEMENT PROGRAM CAPITAL COSTS (in \$1,000)

	Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total	
TIP ID: <b>3038</b>		Agency ID:		Title: <b>Environmental Projects</b>						Complete: <b>2010</b>	
Facility:	NHS	80/20/0		1,944 a	1,003 a	769 a				11,607	
From:				51 b	27 b	20 b					
To:				3,729 c	2,221 c	1,843 c					
<hr/>											
	NRT	80/20/0		172 a	172 a	172 a				1,359	
				4 b	4 b	4 b					
				277 c	277 c	277 c					
<hr/>											
	STP	80/20/0		3,876 a	2,110 a	1,066 a				13,931	
				51 b	31 b	28 b					
				3,146 c	1,912 c	1,711 c					
<b>Total Funds:</b>										<b>26,897</b>	

Description: Noise abatement, wetland replacement, reforestation and landscape planting.



	Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total	
TIP ID: <b>3081</b>		Agency ID: <b>A</b>		Title: <b>Bridge Replacement/Rehabilitation</b>						Complete: <b>2010</b>	
Facility:	ARRA	100/0/0		251 a						1,395	
From:				42 b							
To:				1,102 c							
<hr/>											
	BR	80/20/0		9,950 a	3,319 a	2,800 a				89,267	
				1,658 b	554 b	466 b					
				43,667 c	14,567 c	12,286 c					
<hr/>											
	IM	90/10/0		54 a	27 a	27 a				593	
				9 b	4 b	4 b					
				234 c	117 c	117 c					
<hr/>											
	NHS	80/20/0		1,349 a	1,067 a	1,060 a				5,641	
				58 b	11 b	10 b					
				1,531 c	294 c	261 c					
<hr/>											
	STP	80/20/0		349 a	67 a	60 a				2,641	
				58 b	11 b	10 b					
				1,531 c	294 c	261 c					
<b>Total Funds:</b>										<b>99,537</b>	

Description: Structural replacements, bridge deck rehabilitation, superstructure replacements, bridge parapet reconstruction, and painting.



# DRAFT

## SUBURBAN MARYLAND TRANSPORTATION IMPROVEMENT PROGRAM CAPITAL COSTS (in \$1,000)

	Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
<b>TIP ID: 5850      Agency ID: FR 3821      Title: I-270/MD 80/Bennett Creek</b>			<b>Complete: 2013</b>							
Facility: I 270 I-270 over MD 80 and Bennett Creek	BR	80/20/0	8,428 c	420 c						420
From:										<b>Total Funds: 420</b>
To:										
Description: Replace and widen Bridges #10078 and #10079 over MD 80 and Bennett Creek. The existing structures are structurally deficient and functionally obsolete.										

<b>TIP ID: 5852      Agency ID: FR4185      Title: US 15/Motter Avenue</b>			<b>Complete: 2014</b>							
Facility: US 15 Motter Avenue	BR	80/20/0	4,694 c	4,347 c	4,000 c					8,347
From:	Local	0/0/100		257 a						3,152
To:				728 b						2,167 c
										<b>Total Funds: 11,499</b>
Description: The Motter Avenue bridge (10098) over US 15, is deteriorated, requires replacement, and is rated as being structurally deficient. In addition, the bridge is classified as being functionally obsolete. The project also includes the widening of Opossumtown Pike from US 15 north to Thomas Johnson Drive.										

<b>TIP ID: 5994      Agency ID: FR4571      Title: MD 550 Woodsboro Road</b>			<b>Complete:</b>							
Facility: BR 10094 MD 550 (Woodsboro Road) over Israel Cree	BR	80/20/0		2,042 c						2,042
From:										<b>Total Funds: 2,042</b>
To:										
Description: Replace Bridge 10094 over Israel Creek										

<b>TIP ID: 6011      Agency ID: FR5041      Title: MD 140 Bridge over Monocacy River</b>			<b>Complete:</b>							
Facility: MD 140 Bridge over Monocacy River	BR	80/20/0		2,678 c	2,210 c					4,888
From:										<b>Total Funds: 4,888</b>
To:										
Description:										

# DRAFT

## SUBURBAN MARYLAND TRANSPORTATION IMPROVEMENT PROGRAM CAPITAL COSTS (in \$1,000)

	Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
<b>TIP ID: 5993    Agency ID: FR5301    Title: MD 76 Motters Station Road    Complete:</b>										
Facility:	BR 10252 MD 76 (Motters Station Road) over Motter R	BR	80/20/0	6 b	1 b					1,723
From:				1,716 c						
To:										
<b>Total Funds: 1,723</b>										

Description: Replace Bridge 10252 over Motter Run



<b>TIP ID: 5995    Agency ID: MO2311    Title: I-495 Capital Beltway    Complete:</b>										
Facility:	BR 15137 I-495 over Northwest Branch	BR	80/20/0	3,437 c						3,437
From:										
To:										
<b>Total Funds: 3,437</b>										

Description: Replace Bridge Deck on 15137 over Northwest Branch



<b>TIP ID: 5851    Agency ID: MO2411    Title: I-495 Northwest Branch    Complete: 2013</b>										
Facility:	I 495 Northwest Branch	BR	80/20/0	6,275 c	3,437 c					3,437
From:										
To:										
<b>Total Funds: 3,437</b>										

Description: Replace deck on Bridge 15137 over the Northwest branch



### TERMs

#### Transportation Emissions Reduction Measures

<b>TIP ID: 5773    Agency ID:    Title: Commuter Connections Program - Guaranteed Ride Home Baltimore/St. Mary's    Complete:</b>										
Facility:	State/DC	0/100/0		150 e	150 e	170 e	150 e	150 e	150 e	920
From:										
To:										
<b>Total Funds: 920</b>										

Description: The Commuter Connections Program will expand the Guaranteed Ride Home Program to the Baltimore Metropolitan Area and to St. Mary's County.

**DRAFT**

**SUBURBAN MARYLAND  
TRANSPORTATION IMPROVEMENT PROGRAM  
CAPITAL COSTS (in \$1,000)**

	Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
<b>TIP ID: 3566</b>	Agency ID:	Title: <b>Commuter Connections Program</b>							Complete:	
Facility:	State/DC	0/100/0		2,428 e	2,518 e	2,785 e	2,694 e	2,788 e	3,046 e	16,259
From:										<b>Total Funds: 16,259</b>
To:										

Description: This program's mission is to reduce the number of vehicle miles of travel, vehicle trips, and emissions. This project provides funding to the TPB's Commuter Connection's program for the following projects:

- a. Commuter Operations Center
- b. Guaranteed Ride Home
- c. Marketing
- d. Monitoring and Evaluation
- e. Employer Outreach
- f. Telecommute Project

<b>TIP ID: 5695</b>	Agency ID:	Title: <b>Clean Air Partners</b>							Complete:	
Facility:	State/DC	0/100/0	750 e	250 e	250 e					500
From:										<b>Total Funds: 500</b>
To:										

Description: The purpose of the Air Quality Public Education Project is to educate the public about congestion and transportation related air pollution with specific actions and commute alternatives to reduce existing air quality problems.

**Transit****MD 586 Veirs Mill Road BRT Study**

<b>TIP ID: 6000</b>	Agency ID:	Title: <b>MD 586 Veirs Mill Road BRT Study</b>							Complete:	
Facility:	MD 586 Veirs Mill	Local	0/0/100	2,000 a	2,000 a	1,500 a				5,500
From:	Wheaton Merto Station									<b>Total Funds: 5,500</b>
To:	Rockville Metro Station									

Description: This Study will evaluate Bus Rapid Transit (BRT) service from the Wheaton Metro station to the Rockville Metro Station (6 miles). 

**MD 97 (Georgia Avenue) Bus Rapid Transit (BRT) Project Planning Study**

<b>TIP ID: 5999</b>	Agency ID:	Title: <b>MD 97 (Georgia Avenue) Bus Rapid Transit (BRT) Project Planning Study</b>							Complete:	
Facility:	MD 97 Georgia Avenue	Local	0/0/100	2,000 a	1,500 a	1,000 a				4,500
From:	Randolph Road									<b>Total Funds: 4,500</b>
To:	Sandy Spring Road									

Description: Study will assess the need, desirability, possible alignments, and options for a rapid transit system along the MD 97 (Georgia Avenue) corridor between Randolph Road and Sandy Spring Road. 

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**SUBURBAN MARYLAND  
TRANSPORTATION IMPROVEMENT PROGRAM  
CAPITAL COSTS (in \$1,000)**

Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
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**MDOT/Maryland Transportation Authority**

**Primary**

**Governor Harry W. Nice Bridge Improvement Project**

TIP ID: 5527	Agency ID:	Title: Governor Harry W. Nice Bridge Improvement Project	Complete: 2030						
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Facility: US 301 Bridge over Potomac	State/DC	0/100/0	6,150 a	350 a					350
From: Charles County, MD									<b>Total Funds: 350</b>
To: King George County, VA									

Description: Construct a new four-lane bridge north of the existing bridge, with a barrier-separated, two-way bicycle/pedestrian path on the south side of the bridge. Included in the project is preventative maintenance of the existing bridge until the construction phase is programmed.



**DRAFT**

**SUBURBAN MARYLAND  
TRANSPORTATION IMPROVEMENT PROGRAM  
CAPITAL COSTS (in \$1,000)**

Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
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**MDOT/Maryland Transit Administration**

**Transit**

**Charles County VanGO Transfer Facility**

TIP ID: <b>5970</b>	Agency ID: <b>1184</b>	Title: <b>Charles County VanGO Transfer Facility</b>						Complete:
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Facility: Route 301 & Smallwood Drive, Waldorf, MD	Section 5307.	80/10/10	77 c	327 c					327
From:									
To:									
<b>Total Funds:</b>									<b>327</b>

Description: Charles County will build a new transfer facility at the existing Waldorf Park & Ride located on U.S. Route 301. The facility will have approximately 200 square feet of enclosed area that will be used as office and rest room accommodations for VanGO staff. There will also be approximately 4,000 square feet of canopied space to accommodate 10 VanGO vehicles. Facility will consist of an office with bathroom, curb and gutter, archdeck canopy, concrete flat work and signage.

**Corridor Cities Transitway (CCT)**

TIP ID: <b>3468</b>	Agency ID: <b>1108</b>	Title: <b>Corridor Cities Transitway (CCT)- Planning &amp; Design</b>						Complete: <b>2015</b>
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Facility:	Section 5309	80/20/0			5,000 a				5,000
From:									
To:									
<b>Total Funds:</b>									<b>5,000</b>

Description: This is a joint project with SHA. The transit portion of the multi-modal project extends from the Shady Grove Metro station to the COMSAT facility just south of Clarksburg. The multi-modal project overall studies transit and highway improvements in the I-270/US 15 corridor in Montgomery and Frederick Counties from Shady Grove Metro Station to Biggs Ford Road north of Frederick. The Corridor Cities Transitway would be either a light rail transit or bus rapid transit line along a 14-mile corridor from Rockville through Quince Orchard, Gaithersburg and Germantown to Clarksburg. Another option under study is "premium bus" service along a proposed I-270 High Occupancy Vehicle (HOV) or Express Toll Lane managed facility. Public hearing scheduled Fall 2008. NOTE: The FY 2011 State funds are obligated as a match to anticipated FY 2011 New Starts funds. If and when this New Starts money is authorized, the current FY 2011 funds would be updated to reflect \$10,000 in FY 2011 New Starts funds (50% Fed/50% State Split). 

**Local Bus Replacement - Montgomery & Prince George's**

TIP ID: <b>2713</b>	Agency ID: <b>0892/0893</b>	Title: <b>Local Bus Acquisition</b>						Complete:
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Facility:	CMAQ	80/20/0		1,120 e					1,120
From:									
To:	Section 5307	80/20/0		5,000 e	3,500 e	3,500 e			12,000
<b>Total Funds:</b>									<b>13,120</b>

Description: The State of Maryland will allocate funds for the replacement of buses that have exceeded their useful life. The buses will replace older buses used by Prince George's County and Montgomery County in the delivery of local transit service. 

**DRAFT**

**SUBURBAN MARYLAND  
TRANSPORTATION IMPROVEMENT PROGRAM  
CAPITAL COSTS (in \$1,000)**

	Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total	
<b>MARC System Preservation &amp; Improvement</b>											
TIP ID: 3534	Agency ID: Multiple		Title: MARC System Preservation & Improvement							Complete:	
Facility:	Section 5307	80/20/0	25,887 c	1,604 c						1,604	
From:	Section 5309-FG	80/20/0	3,286 c		900 c					900	
To:											
										<b>Total Funds: 2,504</b>	

Description: Improvements, modifications, rehabilitation and preventive maintenance for MARC system rolling stock, facilities, yards and stations.

**MARC Washington Mid-Day Storage**

TIP ID: 5484	Agency ID: 0208		Title: MARC Washington Mid-Day Storage							Complete: 2013	
Facility:	Section 5307	80/20/0		9,336 c						9,336	
From:	Section 5309	80/20/0	6,685 a	5,491 c						5,491	
To:			27,191 c								
										<b>Total Funds: 14,827</b>	

Description: Plan, design and construct MARC Mid-Day storage facility. The facility includes a partially electrified storage yard and building to accommodate mechanical and transportation personnel. Project will increase mid-day storage capacity at Washington Union Terminal for commuter equipment used by MARC. It will also help alleviate overcrowding of the Station platforms.

**Purple Line**

TIP ID: 2795	Agency ID: 1042		Title: Purple Line- PE/FEIS							Complete:	
Facility:	Section 5307	80/20/0	29,446 a								
From:	Section 5309-NS	80/20/0	3,750 a	47,800 a						100,000	
To:				52,200 b							
										<b>Total Funds: 100,000</b>	

Description: Preparation of Conceptual Plans, Alternatives Analysis, Draft Environmental Impact Statement (DEIS) and Preliminary Engineering/Final Environmental Impact Assessment (FEIS). The Purple Line will provide high-capacity transit along a 16-mile corridor that extends from the western limit of Metrorail's Red Line in Bethesda to the New Carrollton Metro Station in Prince George's County. It incorporates the former Georgetown Branch Purple Line western segment (Bethesda to Silver Spring) and the Purple Line eastern segment (Silver Spring to New Carrollton) into one comprehensive study. Ridership estimates range from 37,000 to 68,000 daily boardings. NOTE: The FY2011 through FY2014 State funds are obligated as a match to anticipated FY2011 through FY2014 New Starts funds respectively. If and when this New Starts money is authorized, these line items would be updated to reflect \$16,000 in FY2011, \$30,000 in FY2012, \$78,000 in FY2013, and \$107,000 in FY2014 in Total Funds respectively.



# DRAFT

## SUBURBAN MARYLAND TRANSPORTATION IMPROVEMENT PROGRAM CAPITAL COSTS (in \$1,000)

	Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
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### Ridesharing

TIP ID: <b>3760</b>	Agency ID: <b>0045</b>	Title: <b>Ridesharing - Statewide Program</b>						Complete:			
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Facility:	CMAQ	100/0/0	495 e			1,980				
From:										<b>Total Funds: 1,980</b>
To:										

Description: To promote and encourage the establishment of carpools and vanpools. The ridesharing project covers the activities of the ridesharing unit of the Statewide Transportation Program with coordinators in Frederick, Prince George's and Montgomery Counties.

### Rural Transit - Capital Assistance

TIP ID: <b>2602</b>	Agency ID: <b>Part of 0218</b>	Title: <b>Rural Transit - Capital Assistance</b>						Complete:			
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Facility:	Section 5311	80/10/10	50 e	50 e						50
From:										<b>Total Funds: 50</b>
To:										

Description: Capital assistance for rural transit service in Frederick County

### Rural Transit - Operating Assistance

TIP ID: <b>2853</b>	Agency ID: <b>Part of 0218</b>	Title: <b>Rural Transit - Operating Assistance</b>						Complete:			
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Facility:	Section 5311	50/25/25	1,374 e	1,434 e						1,434
From:										<b>Total Funds: 1,434</b>
To:										

Description: Operating assistance for rural service in Charles, Frederick, Montgomery, and Prince George's Counties

### Small Urban Systems - Capital

TIP ID: <b>3012</b>	Agency ID: <b>Part of 0217</b>	Title: <b>Small Urban Systems - Capital</b>						Complete:			
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Facility:	Section 5307	80/10/10	645 e	1,740 e						1,740
From:										<b>Total Funds: 1,740</b>
To:										

Description: Provision of vehicles, equipment and other projects in support of public transportation in Charles and Frederick Counties. Federal assistance from 49 U.S.C. Section 5307. Project selection based on applications from local providers.

**DRAFT**

**SUBURBAN MARYLAND  
TRANSPORTATION IMPROVEMENT PROGRAM  
CAPITAL COSTS (in \$1,000)**

Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total	
<b>Small Urban Systems - Operating Assistance</b>										
TIP ID: 2594		Agency ID: Part of 0217		Title: Small Urban Transit Systems - Operating Assistance					Complete:	

Facility:	Section 5307	50/25/25	7,060 e	6,018 e					6,018
From:									
To:									
								<b>Total Funds:</b>	<b>6,018</b>

Description: Operating assistance to small urban transit systems in Charles and Frederick Counties

**DRAFT**

**SUBURBAN MARYLAND  
TRANSPORTATION IMPROVEMENT PROGRAM  
CAPITAL COSTS (in \$1,000)**

Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
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**Frederick County**

**Secondary**

**Various Roads - County Capital Improvement Program**

TIP ID: 5494	Agency ID:	Title: Study, Design, ROW, & Construction							Complete: 2018
Facility: Various Roads	Local	0/0/100		2,378 e	5,987 e	730 e	902 e	2,918 e	12,915
From: Various Roads	State/Local	0/8/92		7,101 e					7,101
To:									
<b>Total Funds:</b>									<b>20,016</b>

Description: Upgrade and improvements to Boyers Mill Road; Gas House Pike; Ijamsville Road; Old National Pike; Opossumtown Pike; Reels Mill Road; Reichs Ford Road; Yeagertown Rd; & Shockley Drive/Spectrum Drive. Portions of Boyers Mill Road, and all of Ijamsville Road, & Old National Pike, will include bicycle accommodations.



**Bike/Ped**

**Bikeways & Trails Program - County Capital Improvement Program**

TIP ID: 5495	Agency ID:	Title: Planning, Design & Construction							Complete: 2018
Facility: Varous Trails	State/Local	0/10/90		500 e					500
From:	State/Local'	0/1/99					6,867 e		6,867
To:	State/Local,	0/7/93				676 e			676
	STP/E	28/3/69					1,764 e		1,764
	STP/E,	8/1/91		5,960 e					5,960
	STP/E.	14/1/85						3,523 e	3,523
<b>Total Funds:</b>									<b>19,290</b>

Description: Various Trails

**DRAFT**

**SUBURBAN MARYLAND  
TRANSPORTATION IMPROVEMENT PROGRAM  
CAPITAL COSTS (in \$1,000)**

		Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
<b>Bridge</b>											
<b>Various Bridges - County Capital Improvement Program</b>											
TIP ID: 3173	Agency ID: F3	Title: Study, Design, ROW, & Construction								Complete: 2018	
Facility: Various Bridges		BR	74/0/26						2,271 e		2,271
From:		BR'	36/0/64				1,692 e				1,692
To:		Local	0/0/100			884 e		1,104 e		128 e	2,116
		NHCBP	80/0/20		221 e						221
										<b>Total Funds:</b>	<b>6,300</b>

Description: Rehabilitate or construct replacement bridges or culverts at the following locations: Blacks Mill Rd; Lewistown Rd; Ball Road; Gas House Pike; Pete Wiles Rd. Hessong Bridge Rd; Reels Mill Rd; Dixon Rd; Covered Bridge project.

**DRAFT**

**SUBURBAN MARYLAND  
TRANSPORTATION IMPROVEMENT PROGRAM  
CAPITAL COSTS (in \$1,000)**

Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
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**Montgomery County**

**Primary**

**Thompson Road Connection**

TIP ID: <b>5565</b>	Agency ID: <b>500912</b>	Title: <b>Thompson Road Connection</b>						Complete:
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Facility: Thompson Road Connection	Local	0/0/100	151 a					313
From: Rainbow Drive			13 b					
To: Thompson Road			149 e					

**Total Funds: 313**

Description: This project provides funds for the final design and construction of a 300-foot section of Rainbow Drive from its current terminus to an intersection with Thompson Road. The project proposes a two-lane, open section primary roadway with pavement 24 feet in width and a 5-foot wide concrete sidewalk the south side. The project also provides for the reconfiguration of an adjacent Montgomery County Public School bus lot, and a new driveway at the Briggs Chaney Middle School. The project will provide a connection for area residents and Briggs Chaney Middle School to Thompson Road, as well as provide additional access for emergency responders to the Middle School and residents along Rainbow Drive.



**Secondary**

**Burtonsville Access Road**

TIP ID: <b>3498</b>	Agency ID: <b>500500</b>	Title: <b>Burtonsville Access Road</b>						Complete:
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Facility: Burtonsville Access Road	Local	0/0/100					642 a	642
From: MD 198 Spencerville Road								
To: School Access Road in Burtonsville								

**Total Funds: 642**

Description: This project provides for a new roadway between Spencerville Road (MD 198) and the School Access Road in Burtonsville. This roadway will consist of two 12' lanes, closed section, for a length of approximately 1,400 linear feet. The project also includes an eight-foot parking lane, curb and gutter, five-foot sidewalks, landscaping and street lighting. The new road will serve as a local access road north of and parallel to MD 198 and the entrance to Burtonsville Shopping Center on the east side of US 29. This new road will provide an important alternative access for existing businesses on the north side of MD 198 and to the Burtonsville Elementary School. The project will create a more unified and pedestrian-friendly downtown Burtonsville and improve circulation in this area.



**DRAFT**

**SUBURBAN MARYLAND  
TRANSPORTATION IMPROVEMENT PROGRAM  
CAPITAL COSTS (in \$1,000)**

		Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
<b>Century Boulevard</b>											
TIP ID: 5944	Agency ID: 501115	Title: Century Boulevard								Complete:	
Facility:	Century Boulevard	Local	0/0/100		285 a	949 a					14,605
From:	Current terminus south of Oxbridge Tract				2,068 c	11,283 c					
To:	Intersection with future Dorsey Mill Road				20 e						

**Total Funds: 14,605**

Description: This project provides for the design, utilities and construction of a new four lane divided, closed section roadway from its current terminus south of Oxbridge Tract to its intersection with future Dorsey Mill Road, a distance of approximately 2,565 feet. The project has been coordinated to accommodate the future Corridor Cities Transitway within its right-of-way. The new road will be constructed below Father Hurley Boulevard at the existing bridge crossing. This project will also provide construction of a new arch culvert at the existing stream crossing with a 5-foot sidewalk along the east side and an 8-foot bikeway along the west side of the road. 

This new roadway segment provides the necessary link to the future Dorsey Mill Road overpass over I-270, thus providing a connection to Clarksburg without using I-270. This link would create a connection between the economic centers on the east and west side of I-270. The linkage to Dorsey Mill Road also establishes a roadway alternative to congested north-south roadways such as I-270 and MD 355. In addition, the Corridor City Transitway (CCT) will operate within the right-of-way of Century Boulevard. A pedestrian impact analysis has been completed for this project.

**Chapman Avenue Extended**

TIP ID: 3282	Agency ID: 500719	Title: Chapman Avenue Extended								Complete: 2015	
Facility:	Chapman Avenue	Local	0/0/100		90 a	70 a	50 a	733 a			9,621
From:	Randolph Road				3,027 b	523 b	133 c	2,950 c			
To:	Old Georgetown Road					1,200 e	845 e				

**Total Funds: 9,621**

Description:

This project provides for the extension of Chapman Avenue from Randolph Road to Old Georgetown Road. The system is essential to relieve congestion on MD 355 by providing local circulation to businesses in the North Bethesda area. Without this link, Chapman Avenue would stop just north of Old Georgetown Road with no connection to Randolph Road. Within the proposed 70-foot closed-section right-of-way will be: five-foot sidewalks on both sides, landscaping panels of varying widths up to eight feet on each side of the road, streetlights, storm drainage, and stormwater management. 

This project is needed to meet traffic and safety demands of existing and future land uses in the White Flint Area. Extensive office, retail, and residential development are planned for this area. This segment of the road will help to relieve congestion on Rockville Pike and provide for continuity, connectivity, and access for pedestrians and vehicle by linking retail centers with employment and residential development.

**DRAFT**

**SUBURBAN MARYLAND  
TRANSPORTATION IMPROVEMENT PROGRAM  
CAPITAL COSTS (in \$1,000)**

Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
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**Clarksburg Transportation Connections**

TIP ID: <b>6020</b>	Agency ID: <b>Clarksburg Transport</b>	Title: <b>Clarksburg Transportation Connections</b>	Complete:						
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Facility: Clarksburg Transportation Connections	Local	0/0/100			1,000 e	2,000 e	2,000 e	2,000 e	7,000
From: Snowden Farm Parkway/Little Seneca Parkway/Brink									
To: Ridge Road/									
<b>Total Funds:</b>									<b>7,000</b>

Description: This project provides for the County contribution to the design, partial land acquisition, and construction of the:   
 1)2400' long section of Snowden Farm Parkway from 300' north of Morning Star Drive to Ridge Road (MD 27)  
 2)The 3,400' section of Little Seneca Parkway from Snowden Farm Parkway to Frederick Road (MD 355)  
 3)Intersection of Brink Road @ MD 355  
 Both parkways will include four-lane divided roadways, an 8' wide bikeway along the north/west sides, and a 5' sidewalk along the south/east sides within the 120' right-of-way. The Brink Road intersection will include improvements to the intersection as required by the Planning Board's opinion in the approval of the Clarksburg Village and Greenway Village Subdivisions. The project will also include street lighting, stormwater management, landscaping and reforestation. Appropriate auxiliary lanes and traffic signals will also be provided. These roads will provide congestion relief to the Clarksburg area by providing direct tie-ins to MD 355 and MD 27, thus providing better access to I-270.

**Goshen Road South**

TIP ID: <b>3049</b>	Agency ID: <b>500907</b>	Title: <b>Goshen Road South</b>	Complete: <b>2020</b>						
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Facility: Goshen Road South	Local	0/0/100	1,560 a	2,135 a	382 a	188 a	6,638 b	2,413 a	21,246
From: South of Girard Street					3,968 b	3,962 b			
To: 1000 feet north of Warfield Road									
<b>Total Funds:</b>									<b>21,246</b>

Description: This project provides for the design of roadway improvements along Goshen Road from south of Girard Street to 1000 feet North of Warfield Road, a distance of approximately 3.5 miles. The improvements will widen Goshen Road from the existing 2-lane open section road to a 4-lane divided, closed section roadway using 12-foot inside lanes, 11-foot outside lanes, 18-foot median, and 5-foot on-road bike lanes. A 5-foot concrete sidewalk and an 8-foot bituminous hiker/biker path along the east and west side of the road, respectively, are also proposed along with storm drain improvements, street lighting and landscaping. The project is needed to reduce existing and future congestion, improve vehicular and pedestrian safety. It will improve roadway network efficiency, provide for alternate modes of transportation, and will significantly improve pedestrian safety by constructing a sidewalk and a hiker/biker path. A pedestrian impact analysis has been completed for this project. Construction funding is currently scheduled in the CIP in the "Beyond 6 Years" period. 

**DRAFT**

**SUBURBAN MARYLAND  
TRANSPORTATION IMPROVEMENT PROGRAM  
CAPITAL COSTS (in \$1,000)**

		Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
<b>Montrose Parkway East</b>											
TIP ID: 3703	Agency ID: 500717	Title: Montrose Parkway East							Complete: 2021		
Facility:	Montrose Parkway East	Local	0/0/100		320 a	3,000 b	3,500 b			1,418 a	40,204
From:	Eastern Limit of MD 355/Montrose Interchange				2,324 b					29,642 c	
To:	Veirs Mill Road/Parkland Road Intersection										
										<b>Total Funds:</b>	<b>40,204</b>

Description: This project provides for a new four-lane divided parkway as recommended in the North Bethesda / Garrett Park and Aspen Hill Master Plans. The roadway will be a closed section with 11-foot wide lanes, a 10-foot wide bikepath on the north side and a 5-foot wide sidewalk on the south side. The project includes a 350-foot bridge over Rock Creek. The roadway limits are between the eastern limit of the MD 355/Montrose interchange on the west, and the intersection of Veirs Mill Road and Parklawn Drive on the east. The project includes a bridge over CSX, a grade-separated interchange at Parklawn Drive, and a tie-in to Veirs Mill Road. This project will relieve traffic congestion on roadways in the area through increased network capacity. The project also provides improved safety for motorists, pedestrians, and bicyclists, as well as a greenway.



<b>Platt Ridge Drive Extended</b>											
TIP ID: 5948	Agency ID: 501200	Title: Platt Ridge Drive Extended							Complete: 2014		
Facility:	Platt Ridge Drive Extended	Local	0/0/100		210 a	240 a					3,530
From:	Its terminus at Jones Bridge Road					3,050 c					
To:	Montrose Driveway					30 e					
										<b>Total Funds:</b>	<b>3,530</b>

Description: This project consists of the northerly extension of existing Platt Ridge Drive, approximately 600 feet through Chevy Chase Local Park, to connect with Montrose Driveway, a street in Chevy Chase Valley (also known as Spring Valley or Chevy Chase Section 9 subdivision.) To minimize impact to the park environment, the road will be of minimal complexity and width. (Pedestrian access will continue to be provided by the existing five-foot sidewalks on both sides of Spring Valley Road.) Vehicular ingress and egress from the Chevy Chase Valley community is currently difficult and will become even more difficult with the predicted increase in traffic from BRAC, especially with construction of a new southbound lane on Connecticut Avenue between I-495 and Jones Bridge Road now proposed by the State Highway Administration. This project will help address the congestion problem.

# DRAFT

## SUBURBAN MARYLAND TRANSPORTATION IMPROVEMENT PROGRAM CAPITAL COSTS (in \$1,000)

	Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
<b>Snouffer School Road</b>										
TIP ID: <b>3062</b>	Agency ID: <b>501109</b>		Title: <b>Snouffer School Road North</b>						Complete: <b>2016</b>	
Facility: Snouffer School Road	Local	0/0/100		450 a	300 a	300 a	300 a			16,205
From: MD 124 Woodfield Road				105 b	4,400 c	4,400 c	4,900 c			
To: Centerway Road					525 e	525 e				
<b>Total Funds:</b>										<b>16,205</b>

Description: This project provides for the design, land acquisition and construction of 1,300 linear feet of roadway widening and resurfacing along Snouffer School Road between Centerway Road and Fessenden Lane and a new traffic signal at Alliston Hollow Way, as well as providing for grading for two northern lanes and resurfacing two southern lanes from Fessenden Lane to Alliston Hollow Way. The closed-section roadway typical section consists of two through lanes southbound and one through lane northbound separated by a raised median, an 80-foot shared use path on the northern side, and a 5-foot sidewalk on the southern side within a 100 foot right-of-way. The sidewalk and shared use path will extend 2,500 linear feet from Centerway Rod to Alliston Hollow Way. The project will include a bridge for the northbound traffic lanes and replacement of the existing bridge for the southbound traffic lane over Cabin Branch, street lights, storm drainage, stormwater management, and landscaping and utility relocations. This project is needed to meet the existing and future traffic and pedestrian demands in the area. It will improve traffic flow by providing additional traffic lanes and encourage alternative means of mobility through proposed bicycle and pedestrian facilities.



### Stringtown Road

TIP ID: <b>5984</b>	Agency ID: <b>501208</b>		Title: <b>Stringtown Road</b>						Complete:	
Facility: Stringtown Road	PRIV	0/0/0		5,000 c	1,000 c					6,000
From: Overlook Park Drive										
To: Snowden Farm Parkway										
<b>Total Funds:</b>										<b>6,000</b>

Description: This project provides for the developer construction of Stringtown Road from Overlook Park Drive to Snowden Farm Parkway. This project will construct 1,200' of the four-lane divided roadway (from Overlook Park to future Gate Rail Road), an 8-foot wide bikeway along the north side, and on the south side an 8' bikeway transitioning to a 5' sidewalk. Construction from future Gate Rail Road to Snowden Farm Parkway will include 2000' of the two westbound lanes and an 8' bikeway along the north side. This project will ultimately provide sufficient capacity to handle circulation near the Clarksburg Town Center and adjacent residential neighborhoods, and to eliminate substandard segments of Stringtown Road. The addition of a hiker-biker path and sidewalk along the road will improve pedestrian and bike circulation in the vicinity.



# DRAFT

## SUBURBAN MARYLAND TRANSPORTATION IMPROVEMENT PROGRAM CAPITAL COSTS (in \$1,000)

	Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
<b>Travilah Road</b>										
TIP ID: 3122    Agency ID: 500101    Title: <b>Travilah Road</b>										Complete: 2013
Facility:	Travilah Road	Local	0/0/100	145 a	32 a					352
From:	Darnestown Road			292 b	140 c					
To:	Dufief Mill Road			394 c	180 e					
				249 e						
<b>Total Funds:</b>										<b>352</b>

Description: This project provides funds for the design, land acquisition, and construction of the 14,400' section of Travilah Road between Darnestown Road and Dufief Mill Road. Phase I includes the construction of a closed-section roadway from Darnestown Road and Nolan Drive, a left-turn lane on Travilah Road at the Piney Meetinghouse Road intersection, an 8-foot wide paved bikeway along the north side of Darnestown Road to Dufief Mill Road, vertical alignment revisions at the Mount Prospect Drive intersection and a location 400 feet west of Welland Terrace, streetlights along the southern side of the roadway and lighting along the bikeway; landscaping along the northern side of the roadway; and a right -turn lane into Piney Meetinghouse Road. Phase 2 provides for the construction of missing bikeway sections from Darnestown Road to Piney Meetinghouse Road, including 700 feet along Travilah Road NE from Piney Meetinghouse Road; 500 feet along Travilah Road from the Darnestown Road intersection ; and 900 feet along Darnestown Road from Travilah Road to Great Seneca Highway. This project will improve vehicular safety, roadside drainage efficiency and provide bikeway and pedestrian connectivity.



<b>Bike/Ped</b>										
<b>Annual Bikeway Program</b>										
	Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
TIP ID: 3066    Agency ID: 507596    Title: <b>Annual Bikeway Program</b>										Complete:
Facility:	Annual Bikeway Program	Local	0/0/100		140 a	140 a	140 a	169 a	169 a	2,560
From:					10 b	10 b	10 b	11 b	11 b	
To:					350 c					
		State/Local	0/50/50		140 a					500
					10 b					
					350 c					
<b>Total Funds:</b>										<b>3,060</b>

Description: This program provides funds to plan, design and construct bikeways, trails, and directional route signs throughout Montgomery County. The purpose of the program is to develop the bikeway network specified by master plans, and those requested by the community to provide access to commuter rail, mass transit, major employment centers, recreational and educational facilities, and other major attractions. Bikeway types include shared-use paths, designated lanes, and signed shared routes along existing roads. there is a continuing and increasing need to develop a viable and effective bikeway and trail network throughout the County to increase bicyclist safety and mobility, provide an alternative to the use of automobiles, reduce traffic congestion, reduce air pollution, conserve energy, enhance quality of life, provide recreational opportunities, and encourage healthy life styles.

**DRAFT**

**SUBURBAN MARYLAND  
TRANSPORTATION IMPROVEMENT PROGRAM  
CAPITAL COSTS (in \$1,000)**

Source		Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
<b>Annual Sidewalk Program</b>										
TIP ID: 3067	Agency ID: 506747	Title: Annual Sidewalk Program							Complete:	
Facility: Annual Sidewalk Program	State/Local	0/4/96	816 a	408 a	408 a	408 a	405 a			9,397
From:			10 b	5 b	5 b	5 b	5 b			
To:			3,846 c	1,923 c	1,923 c	1,923 c	1,923 c	1,923 c		
			28 e	14 e	14 e	14 e	14 e			
<b>Total Funds:</b>										<b>9,397</b>

Description: This pedestrian access improvement program provides sidewalks on County-owned roads and some State-maintained roadways under the Maryland State Highway retrofit sidewalk program. Some funds from this project will go to support the Renew Montgomery program. The Montgomery County Department of Transportation maintains an official list of all outstanding sidewalk requests. Future projects are evaluated and selected from this list, which is continually updated with new requests. In addition, projects identified by the Citizens' Advisory Boards are placed on this list. One aspect of this project will focus on improving pedestrian walkability by creating a safer walking environment, utilizing selected engineering technologies and ensuring Americans with Disabilities Act (ADA) compliance. In addition to connecting existing sidewalks, these projects increase pedestrian safety and facilitate walking to; Metrorail stations, bus stops, shopping and medical centers, employment, recreational, and school sites.

<b>Bethesda CBD Streetscape</b>										
TIP ID: 5943	Agency ID: 500102	Title: Bethesda CBD Streetscape							Complete:	
Facility: Bethesda CBD Streetscape	Local	0/0/100		490 a	1,982 c		60 a	897 a		4,715
From: Bethesda CBD				1,286 c						
To: Bethesda CBD										
<b>Total Funds:</b>										<b>4,715</b>

Description: This project provides for the design and construction of pedestrian improvements to complete unfinished streetscapes along approximately 5,425 feet of streets in the Bethesda CBD as identified in the Bethesda CBD Sector Plan. This includes:

- Element 1  
1,125 feet along Woodmont Avenue between Old Georgetown Road and Cheltenham Drive.
- Element 2  
3,550 feet along Wisconsin Avenue between Cheltenham Drive and the northern end of the CBD.
- Element 3  
750 feet along East-West Highway between Waverly Street and Pearl Street.

This project is intended to fill in the gaps between private development projects that have been constructed or are approved in the CBD. Design elements include the replacement and widening, where possible, of sidewalks, new vehicular and pedestrian lighting, street trees, street furniture, roadway signs. The county will coordinate with the utility company for installation of aesthetic covering over existing utility poles within the project area. This project addresses streetscape improvements and does not assume the undergrounding of utilities.

**DRAFT**

**SUBURBAN MARYLAND  
TRANSPORTATION IMPROVEMENT PROGRAM  
CAPITAL COSTS (in \$1,000)**

		Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
<b>Capital Crescent Trail</b>											
TIP ID: <b>6015</b>	Agency ID: <b>501316</b>	Title: <b>Capital Crescent Trail</b>								Complete:	
Facility: Capital Crescent Trail		Local	0/0/100			3,000 a	4,320 c	8,640 c	3,000 a	27,600	
From: Elm Street Park in Bethesda									8,640 c		
To: Silver Spring											
										<b>Total Funds:</b>	<b>27,600</b>

Description: This project provides for the funding of the Capital Crescent trail, including the main trail from Elm Street Park in Bethesda to Silver Spring as a largely 12 foot wide hard-surface hiker-biker path, connector paths at several locations a new bridge over Connecticut Avenue, a new underpass beneath Jones Mill Road, supplemental landscaping and amenities, and lighting at trail junctions, underpasses and other critical locations.

<b>Dale Drive Sidewalk</b>											
TIP ID: <b>5563</b>	Agency ID: <b>500904</b>	Title: <b>Dale Drive Sidewalk</b>								Complete: <b>2013</b>	
Facility: Dale Drive Sidewalk		Local	0/0/100		113 a						2,043
From: Mansfield Road					1,930 c						
To: Hartford Avenue											
										<b>Total Funds:</b>	<b>2,043</b>

Description: This project provides for right-of-way acquisition and construction of a 1,900+ foot long sidewalk along the north side of Dale Drive from Mansfield Road to Hartford Avenue in Silver Spring. The sidewalk will be 5 feet wide. Retaining walls will be 360 linear feet long with height varying from 3 to 11 feet. This project also requires the construction of a storm drain system and will provide for utility relocations for gas (1,900 feet), sewer (1,300 feet), and water mains, as well as the corresponding house connections. Pedestrian crossing improvements will be made at the Dale Drive /Mansfield intersection to allow safe access to Nolte Park. This project increases pedestrian safety by providing a connection to existing sidewalks along Dale Drive between Mansfield Road and Hartford Avenue and facilitates safe pedestrian access to the Sligo Creek Elementary School, Silver Spring International Middle School, public transportation, and Sligo Creek par. This project will also benefit pedestrians that travel to downtown Silver Spring. A pedestrian impact analysis has been completed for this project.

The project will increase pedestrian safety by providing a connection to existing sidewalks along Dale Drive between Mansfield Road and Hartford Avenue. It will also facilitate safe pedestrian access to Sligo Creek Elementary School, Silver Spring International Middle School, public transportation and Sligo Creek Park. The project will also benefit pedestrians traveling to and from downtown Silver Spring.

**DRAFT**

**SUBURBAN MARYLAND  
TRANSPORTATION IMPROVEMENT PROGRAM  
CAPITAL COSTS (in \$1,000)**

Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total	
<b>Falls Road East Side Hiker/Biker Path</b>										
TIP ID: 3429 Agency ID: 500905		Title: Falls Road East Side Hiker/Biker Path						Complete:		

Facility: Falls Road Bikeway	Local	0/0/100						119 a	119
From: River Road									
To: Dunster Road									
								<b>Total Funds:</b>	<b>119</b>

Description: This project provides funds to develop final design plans and to acquire right-of-way, and construct approximately 4 miles of an 8-foot bituminous hiker/biker path along the east side of Falls Road from River Road to Dunster Road. The path will provide pedestrian and cyclist access to communities along the project corridor and will provide connection to existing pedestrian facilities to the north (Rockville), and to the south (Potomac).

The path is a missing link between existing bicycle facilities within the City of Rockville and the existing path along Falls Road south of River Road. The path provides much needed access to public transportation along Falls Road. The path will provide pedestrian access to the following destinations: bus stops along Falls Road, Bullis School, Ritchie Park Elementary School, Potomac Community Center, Potomac Library, Potomac Village Shopping Center, Potomac Promenade Shopping Center, Heritage Farm Park, Falls Road Golf Club, Falls Road Park, and a number of religious facilities along Falls Road.

<b>Flower Avenue Sidewalk</b>										
TIP ID: 5947 Agency ID: 501206		Title: Flower Avenue Sidewalk						Complete:		

Facility: MD 787 Flower Avenue Sidewalk	Local	0/0/100				70 c	130 c		200
From: Piney Branch Road									
To: Carroll Avenue									
								<b>Total Funds:</b>	<b>200</b>

Description: This project provides for the County's contribution to the City of Takoma Park for the construction of the sidewalk and the rehabilitation of Flower Avenue (MD 787) between Piney Branch Road and Carroll Avenue. The City of Takoma Park will annex the full width of the right-of-way on the east side of the road and take ownership and maintenance responsibilities from the State. The City of Takoma Park will transform the road into a "green street", including the construction of an ADA compliant sidewalk on the east side of the road. The County's contribution is subject to the County's review and concurrence of the scope of work for the sidewalk component of the "green street" project.

**DRAFT**

**SUBURBAN MARYLAND  
TRANSPORTATION IMPROVEMENT PROGRAM  
CAPITAL COSTS (in \$1,000)**

Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total	
<b>Forest Glen Feasibility Study</b>										
TIP ID: 5949	Agency ID: 500722-12	Title: Forest Glen Feasibility Study								Complete:

Facility: Forest Glen Feasibility Study	Local	0/0/100	400 d	16,000 d						16,000
From: Georgia Ave/Forest Glen Rd @ Forest Glen Metrorail S										
To: Georgia Ave/Forest Glen Rd @ Forest Glen Metrorail S										
									<b>Total Funds: 16,000</b>	

Description: This project provides for a feasibility study for a new passageway underneath or bridge over Georgia Avenue (MD 97) at Forest Glen Road to improve pedestrian safety for the Georgia Avenue/Forest Glen Road intersection crossing and to enhance access to the Forest Glen Metrorail station. The passageway will cross Georgia Avenue and potentially tie-in to the existing Forest Glen Metro Station or the passageway that runs underneath Forest Glen Road from the Forest Glen Metro Station to the Metro parking lot. The scope includes developing and evaluating preliminary alignments, developing conceptual design (15% design), soliciting public input, and developing a final feasibility study report and recommendation. (This study is part of the State Transportation Participation PDF # 500722.)

The intersection of Georgia Avenue and Forest Glen Road is one of the most congested intersections located adjacent to a WMATA subway station in the Washington Metropolitan Area. Construction of a grade-separated crossing that separates pedestrians and bicyclists accessing the station from on-street traffic will make it safer and more inviting for pedestrians and bicyclists to access the Forest Glen Metrorail Station. In addition to a tunnel or bridge, the project will include the construction of one elevator to connect the street level directly to the mezzanine of the Forest Glen Metrorail Station to improve access for persons with disabilities, as well as the establishment of bikeshare stations at the Forest Glen Metrorail Station and the surrounding area.

**Frederick Road (MD 355) Bike Path**

TIP ID: 5977	Agency ID: 501118	Title: Frederick Road (MD 355) Bike Path								Complete:
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Facility: Frederick Road ( MD 355(	Local	0/0/100	30 a	30 a	85 a	85 a				4,824
From: Stringtown Road										
To: Brink Road										
									<b>Total Funds: 4,824</b>	

Description: This project provides for the design, and acquisition and construction of a new 8-foot wide hiker-biker path along the west side of Frederick Road (MD 355) between Stringtown Road and the existing hiker-biker path near Milestone Manor Lane, a distance of approximately 2.5 miles. The project will replace about 0.9 miles of sidewalk segments in order to provide a continuous route serving two schools, two parks, and a church. The project includes streetlights and street trees. A pedestrian impact analysis has been completed for this project.

**DRAFT**

**SUBURBAN MARYLAND  
TRANSPORTATION IMPROVEMENT PROGRAM  
CAPITAL COSTS (in \$1,000)**

		Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
<b>Greentree Road Sidewalk</b>											
TIP ID: 3380	Agency ID: 500506	Title: Greentree Road Sidewalk								Complete: 2014	
Facility:	Greentree Road Sidewalk	Local	0/0/100		135 a	92 a					2,818
From:	MD 187 Old Georgetown Road				1,619 c	636 c					
To:	Fernwood Road				150 e	186 e					
<b>Total Funds:</b>											<b>2,818</b>

Description: This project provides approximately 6,400 linear feet of five-foot wide concrete sidewalk along the north side of Greentree Road, curb and gutter, residential sidewalk ramps, and expansion of existing drainage system from Old Georgetown Road (MD 187) to Fernwood Road. The proposed sidewalk will provide access to public transportation on Old Georgetown Road, a church and a nursing home on Greentree Road, NIH, Suburban Hospital, Bradley Hills Elementary School, Wyngate Elementary School, North Bethesda Middle School, The Woods Academy, Aylrawn Park, Fernwood Park, McCrillis Gardens, and Bradley Park.

**MacArthur Blvd Bikeway Improvements**

TIP ID: 3249	Agency ID: 500718	Title: MacArthur Boulevard Bikeway Improvements								Complete:	
Facility:	MacArthur Boulevard Bikeway Improvements	Local	0/0/100	1,020 a	400 a						4,822
From:	I-495			2,245 c	4,200 c						
To:	Oberlin Avenue				222 e						
<b>Total Funds:</b>											<b>4,822</b>

Description: This project provides bikeway improvements along 13,800 feet of MacArthur Boulevard from I-495 to Oberlin Avenue. To encourage alternate modes of travel and enhance pedestrian safety, the pavement will be widened to provide 2-3 foot shoulders to accommodate the needs of on-road commuter and experienced bicyclists. The existing shared use path will be upgraded to current standards. The project will also provide for spot improvements to MacArthur Boulevard to enhance safety for pedestrians, cyclists, and motorists.

**MacArthur Boulevard Bikeway Improvements**

TIP ID: 5729	Agency ID: 500718	Title: MacArthur Boulevard Bikeway Improvements								Complete: 2012	
Facility:	MacArthur Boulevard	Local	0/0/100	456 a	1,216 a	197 a					7,518
From:	I 495 Capital Beltway			1,329 c	3,394 c	666 c					
To:	Oberlin Avenue			260 e							
<b>Total Funds:</b>											<b>7,518</b>

Description: This project provides bikeway improvements along 13,800' of MacArthur Boulevard from I-495 to Oberlin Avenue. To encourage alternative modes of travel and enhance pedestrian safety, the pavement will be widened to provide 2-3 foot shoulders to accommodate the needs of on-road commuters and experienced bicyclists. The existing shared-use path will be upgraded to current standards to promote usage and enhance safety for all users. This project will also provide for spot improvements to MacArthur Boulevard to enhance safety for pedestrians, cyclists and motorists. This project will improve safety and accessibility for pedestrians and bicyclists of all experience levels and enhances connectivity with other bikeways in the vicinity. A pedestrian impact analysis had been completed for this project.

**DRAFT**

**SUBURBAN MARYLAND  
TRANSPORTATION IMPROVEMENT PROGRAM  
CAPITAL COSTS (in \$1,000)**

		Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
<b>MD 355 Multimodal Crossing</b>											
TIP ID: 5724	Agency ID:	Title: MD 355 Multimodal Crossing Project								Complete: 2016	
Facility:	MD 355 MD 355 Multimodal Crossing	DOD	100/0/0	2,500 a	4,319 a	1,500 a	2,035 a	1,500 a			62,574
From:	MD 355 Medical Center Metrorail Station/NIH			3,100 c		17,780 c	20,690 c	885 e			
To:	MD 355 Walter Reed National Military Medical Center (					7,184 e	6,681 e				
											<b>Total Funds: 62,574</b>

Description: This project provides for right-of-way negotiations, utility relocations, and the design and construction of a multimodal grade separated connection between the Walter Reed National Military Medical Center (WRNMMC) and the Medical Center Metro Rail station. The project consists of two major elements: (1) a shallow pedestrian and bicycle underpass below Rockville Pike, MD 355, just south of the South Wood Road/South Drive intersection. Access to the underpass will be provided by elevators, escalators and stairs; and (2) a bank of three high speed elevators, on the eastern side of MD 355 that will provide a direct connection from the WRNMMC to the existing Metro station mezzanine, about 120 feet below the elevation of MD 355. Canopies will cover the stairs and escalators. The project also includes extension of the southbound MD 355 left turn lane in the existing median to provide additional queuing for vehicles turning to the WRNMMC hospital entrance at South Wood Road; expansion of the curb radius at the northwestern corner of MD 355 / South Drive to improve bus access to the Metrorail station; and stormwater management. The scope of the work is included in the National Environmental Policy Act (NEPA) document prepared earlier by the County Department of Transportation (DOT) and approved by the Federal Highway Administration.

**MD 355 Sidewalk (Hyattstown)**

TIP ID: 5983	Agency ID: 501104	Title: MD 355 Sidewalk (Hyattstown)								Complete: 2014	
Facility:	Local	0/0/100	604 a	10 a	245 a						1,466
From:			2 b	100 b	895 c						
To:			108 e	56 e	160 e						
											<b>Total Funds: 1,466</b>

Description: This project provides for the rehabilitation of existing sidewalk and for construction of a ½ mile section of continuous sidewalk along the west side of MD 355 between Hyattstown Mill Road and a point just south of the Montgomery/Frederick County Line, and along the east side of MD 355 from the crosswalk in the center Hyattstown Mill Road to a point just south of the Frederick County Boundary. The sidewalk will connect Hyattstown Historical District to the Little Bennett Regional Park and provide safe pedestrian access to transit stops, retail stores, and residences adjacent to the roadway. There is an October 2003 MD 355 (Frederick Road) Sidewalk Feasibility Study prepared by the Maryland State Highway Administration (SHA). A review of impacts to pedestrians, bicyclists and the requirements of the Americans with Disabilities Act (ADA) is being performed and addressed by this project.

**DRAFT**

**SUBURBAN MARYLAND  
TRANSPORTATION IMPROVEMENT PROGRAM  
CAPITAL COSTS (in \$1,000)**

		Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
<b>Metropolitan Branch Trail</b>											
TIP ID: 5942	Agency ID: 501110	Title: Metropolitan Branch Trail								Complete: 2012	
Facility:	Metropolitan Branch Trail	Local	0/0/100		762 a	118 a	295 a	460 a			11,091
From:	End of existing trail in Takoma Park				1,000 b	1,000 b	520 b	3,200 c			
To:	Silver Spring Transit Center						3,093 c	331 e			
							312 e				
										<b>Total Funds:</b>	<b>11,091</b>

Description: This project provides for completion of the preliminary engineering and final engineering necessary to obtain CSX and WMATA approvals for the 0.62-mile segment of this trail in Montgomery County between the end of the existing trail in Takoma Park, and the Silver Spring Transit Center. The project also includes the land acquisition, site improvements, utility relocations and construction of the project from the Silver Spring Transit Center to the east side of Georgia Avenue, including a new pedestrian bridge over Georgia Avenue, as well as the segment along Fenton Street, from King Street to the north end of the existing trail. The design will also include a grade-separated crossing of Burlington Avenue, the narrowing of Selim Road, the trail segment on King Street, and the construction of new retaining walls and reconstruction of existing retaining walls. A pedestrian impact analysis has been completed for this project. This trail is to be part of a larger system of trails to enable non-motorized travel around the Washington Region. The trail is to be an off-road facility serving pedestrians, bicyclists, joggers and skaters and will be Americans with Disabilities Act (ADA) accessible.

**Needwood Road Bikepath**

TIP ID: 6016	Agency ID: 501304	Title: Needwood Road Bikepath								Complete: 2018	
Facility:	Needwood Road Bikepath	Local	0/0/100				330 a	170 a	330 a	170 a	4,200
From:	Deer Lake Road							50 b	50 b	910 c	
To:	Muncaster Mill Road								1,820 c	270 e	
									100 e		
										<b>Total Funds:</b>	<b>4,200</b>

Description: This project provides for the design and construction of a new 8-foot wide shared use path along the south side of Needwood Road, a distance of approximately 1.7 miles, between Deer Lake Road and Muncaster Mill Road (MD 115) in order to provide a safe and continuous pedestrian and bike connection to the Shady Grove Metro Station, Magruder High School, the ICC Shared Use Path, Rock Creek Trail, future North Branch Trail, and Rock Creek Regional Park (Lake Needwood) The project will also include design and construction of the crossing of Muncaster Mill Road, a Needwood Road intersection, and a new 6-foot sidewalk along the east side of Muncaster Mill Road, a distance of approximately 450 feet from Needwood Road to Magruder High School. This project will provide for a safe and continuous access to Shady Grove Metro Station, schools, parks, and bicycle trails to enhance multi-modal transportation for commuters and recreational users. A pedestrian impact analysis has been completed for this project.

**DRAFT**

**SUBURBAN MARYLAND  
TRANSPORTATION IMPROVEMENT PROGRAM  
CAPITAL COSTS (in \$1,000)**

Source		Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total	
<b>Pedestrian Safety Program</b>											
TIP ID: 3642		Agency ID: 500333		Title: Pedestrian Safety Program						Complete:	
Facility:	Pedestrian Safety Program		Local	0/0/100	100 a	100 a	100 a	100 a	146 a	146 a	9,837
From:					1,400 c	1,315 c	1,150 c	1,150 c	1,250 c	1,380 c	
To:					250 e						
										<b>Total Funds:</b>	<b>9,837</b>

Description: This project provides for the review and analysis of existing physical structures and traffic controls in order to make modifications aimed at improving safety and the walking environment for pedestrians. This project provides for the construction of physical structures and/or installation of traffic control devices which include, but are not limited to: new crosswalks; pedestrian refuge islands; sidewalks; bus pull-off areas; fencing to channel pedestrians to safer crossing locations; relocating, adding, or eliminating bus stops; accessible pedestrian signals (countdown) or warning beacons; improving signage, etc. The improvements will be made in compliance with the requirements of the Americans with Disabilities Act (ADA). This project supports the construction of improvements at and around schools identified in the Safe Routes to School program. The project also includes performing pedestrian safety audits at High Incidence Areas, and implementing identified physical improvements, education, and outreach.

<b>Seven Locks Blkeway &amp; Safety Improvements</b>												
TIP ID: 6017		Agency ID: 501303		Title: Seven Locks Bikeway & Safety Improvements						Complete:		
Facility:	Seven Locks Blkeway & Safety Improvements		Local	0/0/100	982 a						982	
From:	Montrose Road										<b>Total Funds:</b>	<b>982</b>
To:	Bradley Boulevard											

Description: This project provides for pedestrian and bicycle improvements for dual bicycle facilities (on-road and off-road), and enhanced, continuous pedestrian facilities along Seven Locks Road from Montrose Road to Bradley Boulevard (3.3 miles), plus a bike path on Montrose Road between Seven Locks Road and the I-270 ramp, plus northbound and eastbound auxiliary through lanes with on-road bike lanes at the intersection of Seven Locks Road and Tuckerman Lane. This project is needed to address bicycle facility disconnects along Seven Locks Road. The roadway lacks adequate north-south, on road/off-road bicycle facilities necessary to provide continuity and connection between existing and future bike facilities. Continuous bicycle and pedestrian facilities are needed to allow safe access to residential, retail and commercial destinations, as well as existing religious and educational facilities.

**DRAFT**

**SUBURBAN MARYLAND  
TRANSPORTATION IMPROVEMENT PROGRAM  
CAPITAL COSTS (in \$1,000)**

	Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
<b>Sidewalk &amp; Infrastructure Revitalization</b>										
TIP ID: 5975	Agency ID: 508182	Title: Sidewalk & Infrastructure Revitalization							Complete:	
Facility: Sidewalk & Infrastructure Revitalization	Local	0/0/100		1,320 a	795 a	795 a	945 a	945 a	945 a	38,300
From:				7,480 c	4,505 c	4,505 c	5,355 c	5,355 c	5,355 c	
To: County-wide										<b>Total Funds: 38,300</b>

Description: This project provides for the removal and replacement of damaged or deteriorated sidewalks, curbs, and gutters in business districts and residential communities. MCDOT currently maintains about 1,034 miles of sidewalks and about 2,098 miles of curbs and gutters. This project includes: overlay of existing sidewalks with asphalt; base failure repair and new construction of curbs; and new sidewalks with handicapped ramps to fill in missing sections. A significant aspect of this project has been and will be to provide safe pedestrian access and ensure compliance with the Americans with Disabilities Act (ADA).

<b>Bridge</b>										
<b>Beach Drive Bridge M-PK-24001</b>										
TIP ID: 5912	Agency ID: 509132	Title: Beach Drive Bridge M-PK-24001							Complete:	
Facility: Beach Drive Bridge	BR	80/0/20		100 a	200 a	200 a	700 c	800 c		1,900
From: Over Silver Creek										<b>Total Funds: 1,900</b>
To:										
Description: Replace bridge on Beach Drive over Silver Creek, and reconstruct Roadway Approaches										

<b>Bridge Renovation</b>										
TIP ID: 5972	Agency ID: 509753	Title: Bridge Renovation							Complete:	
Facility: County-wide	Local	0/0/100		180 a	90 a	180 a				270
From:	State/Local	0/16/84		1,220 c	610 c	1,220 c				1,830
To:										<b>Total Funds: 2,100</b>

Description: This project provides for the renovation of County roadway and pedestrian bridges that have been identified as needing repair work beyond routine maintenance levels to assure continued safe functioning 

**DRAFT**

**SUBURBAN MARYLAND  
TRANSPORTATION IMPROVEMENT PROGRAM  
CAPITAL COSTS (in \$1,000)**

	Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
<b>Brink Road Bridge M-0064001</b>										
TIP ID: 5913	Agency ID: 509132		Title: Brink Road Bridge M-0064001						Complete:	
Facility: Brink Road Bridge M-0064001	BR	80/0/20	200 a	100 a	100 a	1,000 c				1,200
From: Over Great Seneca Creek										<b>Total Funds: 1,200</b>
To:										
Description: This project provides for the rehabilitation of the Brink Road Bridge, over Great Seneca Creek, as well as the reconstruction of the roadway approaches.										

**Elmhirst Parkway Bridge M-PK-13001**

TIP ID: 5915	Agency ID: 509132		Title: Elmhirst Parkway Bridge M-PK-13001						Complete:	
Facility: Elmhirst Parkway Bridge	BR	80/0/20	200 a	200 a	100 a	1,500 c				1,800
From: Over tributary to Rock Creek										<b>Total Funds: 1,800</b>
To:										
Description: This project provides for the replacement of the Elmhirst Parkway Bridge over a tributary to Rock Creek, and for the reconstruction of the roadway approaches.										

**Garrett Park Road Bridge M-PK-04001**

TIP ID: 5916	Agency ID: 509132		Title: Garrett Park Road Bridge M-PK-04001						Complete:	
Facility: Garrett Park Road Bridge M-PK-04001	BR	80/0/20	100 a	200 a	200 a	700 c	800 c			1,900
From: Over Rock Creek										<b>Total Funds: 1,900</b>
To:										
Description: This project provides for the rehabilitation of Garrett Park Road Bridge M-PK-04001 over Rock Creek, and the reconstruction of roadway approaches										

# DRAFT

## SUBURBAN MARYLAND TRANSPORTATION IMPROVEMENT PROGRAM CAPITAL COSTS (in \$1,000)

	Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
<b>Gold Mine Road Bridge M-0096001</b>										
TIP ID: <b>5917</b>		Agency ID: <b>509132</b>		Title: <b>Gold Mine Road Bridge M-0096001</b>					Complete: <b>2013</b>	
Facility: Gold Mine Road Bridge M-009601	BR	23/0/77		300 a						3,268
From:				245 b						
To:				2,698 c						
				25 e						
	BR'	55/0/45			475 a					2,183
					70 b					
					1,553 c					
					85 e					
	BR.	25/0/75				255 a				1,200
						665 c				
						280 e				
<b>Total Funds:</b>										<b>6,651</b>

Description: This project provides for the replacement of the Gold Mine Road Bridge over the Hawlings River, and the construction of an 8' wide bikepath from James Creek Court to New Hampshire Avenue. The project includes 250 feet of approach roadway work at each end of the bridge, which consists of widening and raising the roadway profile by 5 feet at the bridge. The new bridge will carry two lanes of traffic, improve sight distances at the bridge, raise the bridge elevation to reduce flooding at the roadway, carry all legal vehicles, and provide pedestrian facilities across the river.

<b>Park Valley Road Bridge M-PK-03001</b>										
TIP ID: <b>5918</b>		Agency ID: <b>509132</b>		Title: <b>Park Valley Road Bridge M-PK-03001</b>					Complete:	
Facility: Park Valley Road Bridge M-PK-03001	BR	80/0/20	100 a	250 a	150 a	1,000 c	500 e			1,900
From: Over Sligo Creek										
To:										
<b>Total Funds:</b>										<b>1,900</b>

Description: Replacement of Park Valley Road Bridge M-PK-03001 over Sligo Creek, and reconstruction of roadway approaches.

<b>Piney Meetinghouse Road Bridge M-0021001</b>										
TIP ID: <b>5919</b>		Agency ID: <b>509132</b>		Title: <b>Piney Meetinghouse Road Bridge M-0021001</b>					Complete:	
Facility: Piney Meetinghouse Road Bridge M-0021001	BR	80/0/20	250 a	250 a	100 e	2,000 c				2,350
From: Over Watts Branch										
To:										
<b>Total Funds:</b>										<b>2,350</b>

Description: Replace Piney Meetinghouse Road Bridge M-0021001 over Watts Branch, and reconstruct roadway approaches.

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**SUBURBAN MARYLAND  
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CAPITAL COSTS (in \$1,000)**

Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total	
<b>Valley Road Bridge M-0111001</b>										
TIP ID: 5920 Agency ID: 509132		Title: Valley Road Bridge M-0111001						Complete:		
Facility: Valley Road Bridge M-0111001	BR	80/0/20	200 a	200 a	100 a	1,500 c			1,800	
From:										
To:										
Description: Rehabilitate Valley Road Bridge M-0111001 over Booze Creek, and reconstruct roadway approaches									<b>Total Funds: 1,800</b>	

<b>Enhancement</b>										
<b>Silver Spring Green Trail</b>										
TIP ID: 3125 Agency ID: 509975		Title: Silver Spring Green Trail						Complete: 2018		
Facility: Silver Spring Green Trail	Local	0/0/100			40 a		170 a	170 a	4,259	
From: Fenton Street					217 b		326 b	326 b		
To: Sligo Creek Hiker-Biker Trail							1,480 c	1,481 c		
							24 e	25 e		
	State/Local	0/46/54					85 a		1,000	
							163 b			
							740 c			
							12 e			
									<b>Total Funds: 5,259</b>	

Description: This project provides for an urban trail along the selected Purple Line alignment along Wayne Avenue in Silver Spring. A Memorandum of Understanding will be established between the County and the Maryland Transit Authority (MTA) to incorporate the design and construction of the trail as a part of the design and construction of the Purple Line. The pedestrian and bicycle use along this trail supplements the County transportation program. The funding provided for the trail includes the design, property acquisition, and construction of the trail through the Silver Spring CBD, along the northern side of Wayne Avenue from Fenton Street to the Sligo Creek Hiker-Biker Trail. This trail is part of a transportation corridor and is not a recreation area of State or local significance. The trail will include an 8-10 foot wide bituminous shared use path, lighting, and landscaping. The trail will provide access to the Silver Spring Transit Station, via the Metropolitan Branch Trail, and the future Capital Crescent Trail. A pedestrian impact analysis has been completed for this project.

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**SUBURBAN MARYLAND  
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CAPITAL COSTS (in \$1,000)**

Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
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**ITS  
Advanced Transportation Management System**

<b>TIP ID: 3065</b>	<b>Agency ID: 509399</b>	<b>Title: Advanced Transportation Management System</b>							<b>Complete:</b>
Facility: Advanced Transportation Management System	Local	0/0/100	177 a	12,048					
From:			1,831 e						
To:									
<b>Total Funds:</b>									<b>12,048</b>

Description: This project provides for Advanced Transportation Management Systems (ATMS) in the County. The ATMS deploys the infrastructure to conduct real-time management and operations of the County's transportation system. Twenty-two National Intelligent Transportation Architecture market packages have been identified for deployment of the ATMS. Each of these market packages is considered a subsystem of the ATMS program and may include several elements. These subsystems are identified in the ATMS Strategic Deployment Plan, dated February 2001, and revised July 2009. One aspect of this project will focus on improving pedestrian walkability by creating a safer walking environment, utilizing selected technologies and ensuring ADA compliance. 

**Traffic Signal System Modernization**

<b>TIP ID: 3648</b>	<b>Agency ID: 500704</b>	<b>Title: Traffic Signal System Modernization</b>							<b>Complete: 2016</b>
Facility: Traffic Signal System Modernization	State/DC	0/100/0			548 a	548 a			4,000
From:					1,452 e	1,452 e			
To:	State/Local	0/64/36		548 a					3,112
				2,564 e					
	State/Local,	0/55/45		548 a					3,660
				3,112 e					
<b>Total Funds:</b>									<b>10,772</b>

Description: This project provides for the modernization of the county's aged traffic control system. Phase I consists of planning, requirements development, systems engineering, and testing. Phase II consists of acquisition of central system hardware and software, acquisition and implementation of control equipment and communications for intersections, as well as reconfiguration of the communications cable plant. Phase 1 is complete.

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**SUBURBAN MARYLAND  
TRANSPORTATION IMPROVEMENT PROGRAM  
CAPITAL COSTS (in \$1,000)**

Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
<b>Other</b>									
<b>Bethesda Lot 31 Parking Garage</b>									
TIP ID: 5562		Agency ID: 500932		Title: Bethesda Lot 31 Parking Garage				Complete:	
Facility:	Bethesda Lot 31 Parking Garage	Local	0/0/100	2,080 a	2,080 a	834 a			100,508
From:				48,626 c	41,472 c	2,466 c			
To:				1,440 e	1,348 e	162 e			
									<b>Total Funds: 100,508</b>

Description: This project provides for the construction of a new, underground public parking garage under the land currently used as two County public parking lots and a portion of Woodmont Avenue in Bethesda. Design and construction will be performed by a private development partner selected through a competitive Request for Proposal process. The public parking garage will include approximately 940 County owned and operated spaces. A mixed use development (all privately funded and owned) will be built on top of the garage with 250 residential units and 40,000 square feet of retail space. Parking analyses recommended the addition of up to 1,300 public parking spaces in Bethesda to support development under the Sector Plan.

<b>Colesville Depot</b>									
TIP ID: 5973		Agency ID: 500709		Title: Colesville Depot				Complete: 2015	
Facility:	Colesville Depot	Local	0/0/100	264 a	645 a	250 a	200 a		8,958
From:					855 c	4,011 c	2,427 c		
To:					500 e	70 e			
									<b>Total Funds: 8,958</b>

Description: This project provides for the planning and design of an expanded Colesville Depot, currently operated by the MCDOT for the purpose of providing road maintenance for the southeastern portion of the County. Major project components include 10 new outdoor storage canopy for maintenance vehicles, improved stormwater management, expansion of service bays, upgrade and relocation of offices, expansion of crew room, new bunk room, roof replacement, upgrade of existing rest rooms, repainting of all interior walls, replacement of ceiling times, rep-pointing of masonry, refinishing of exterior surfaces and windows, and upgrading mechanical, electrical, communications and security systems.

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## SUBURBAN MARYLAND TRANSPORTATION IMPROVEMENT PROGRAM CAPITAL COSTS (in \$1,000)

	Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
<b>East Gude Drive Roadway Improvements</b>										
TIP ID: <b>6018</b>	Agency ID: <b>501309</b>	Title: <b>East Gude Drive Roadway Improvements</b>							Complete:	

Facility: East Gude Drive Roadway Improvements	Local	0/0/100						775 a	296 a	1,071
From: Crabbs Branch Way										<b>Total Funds: 1,071</b>
To: Southlawn Lane										

Description: This project provides for the design, land acquisition, and construction of roadway improvements along East Gude Drive from Crabbs Branch Way to Southlawn Lane to increase roadway capacity, and to improve vehicular and pedestrian safety. The improvements will: (1) add a westbound lane (800 linear feet) from Calhoun Drive to Crabbs Branch Way; (2) extend the length of the eastbound taper east of Calhoun Drive (500 linear feet) to west of Incinerator Lane; (3) provide an east-to-northbound left turn lane (300 Feet) at Dover Road; (4) construct the missing section of sidewalk on the north side of East Gude Drive from west of Incinerator Lane to east of Calhoun Drive (550 linear feet); and (5) install 6 foot sidewalk connectors from each bus stop on the north side of East Gude Drive to the nearest intersection. This project is needed to reduce existing and future congestion and improve pedestrian and vehicular safety. Planning and Design begin in FY 17, and construction is scheduled in the "Beyond 6 Years" period", which begins on July 1 2018.

<b>Equipment and Maintenance Operations Center (EMOC)</b>										
TIP ID: <b>2660</b>	Agency ID: <b>500933</b>	Title: <b>Equipment &amp; Maintenance Operations Center Expansion</b>							Complete:	

Facility: Equipment Management and Operations Center	Local	0/0/100		1,659 a						25,089
From:				21,891 c						
To:				1,539 e						
									<b>Total Funds: 25,089</b>	

Description: This project is part of the Smart Growth Initiative Program and provides for land, planning and design and construction of a new Equipment and Maintenance Operations Center (EMOC) to support a doubling of transit ridership by 2020. Major components of the project are: administrative buildings for Transit Services, Fleet Management, and Highway Services; bus parking for 200 buses; bus service lanes; a bus wash facility; a fare collection area; bus service maintenance bays; a parts room; a heavy equipment storage shed; a soil/gravel storage shed; a soil/gravel storage area; highway service bays; a Compressed Natural Gas (CNG) fast-fill station; and employee parking.

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**SUBURBAN MARYLAND  
TRANSPORTATION IMPROVEMENT PROGRAM  
CAPITAL COSTS (in \$1,000)**

		Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
<b>Intersection &amp; Spot Improvements</b>											
TIP ID: <b>5980</b>	Agency ID: <b>507017</b>	Title: <b>Intersection &amp; Spot Improvements</b>								Complete:	
Facility:	Intersection & Spot Improvements	Local	0/0/100		250 a	250 a	250 a				2,560
From:	County-wide				10 b	10 b	10 b				
To:	County-wide				690 c	690 c					
					200 e	200 e					
										<b>Total Funds:</b>	<b>2,560</b>

Description: This project provides for the planning and reconstruction of various existing intersections in Montgomery County, and for an annual congestion study to identify locations where there is a need for congestion mitigation. The project includes the identification and implementation of corridor modifications and traffic calming treatments to enhance pedestrian safety. At these identified locations either construction begins immediately or detailed design plans are prepared and developed into future projects. A pedestrian impact analysis will be performed during design or is in progress. 

**Neighborhood Traffic Calming**

TIP ID: <b>5981</b>	Agency ID: <b>509523</b>	Title: <b>Neighborhood Traffic Calming</b>								Complete:	
Facility:	Neighborhood Traffic Calming	Local	0/0/100		74 a	1,860					
From:	Residential Neighborhoods County-wide				236 e						
To:											
										<b>Total Funds:</b>	<b>1,860</b>

Description: This project provides for the planning, design, and construction of physical traffic control features in residential neighborhoods. Traffic calming features such as traffic circles and islands, curb extensions, speed humps, physical and painted lane narrowing devices, etc., are used to maintain and improve the safety and livability of residential neighborhoods by addressing issues of aggressive driving and excessive speeds and volumes. 

**North County Maintenance Depot**

TIP ID: <b>3017</b>	Agency ID: <b>500522</b>	Title: <b>North County Maintenance Depot</b>								Complete:	
Facility:	North County Maintenance Depot	Local	0/0/100	37 a	236 a	1,056 a	757 a	151 a			68,436
From:					1,578 e	4,535 c	10,527 c	27,241 c			
To:							20,916 e	1,439 e			
										<b>Total Funds:</b>	<b>68,436</b>

Description: This project will provide for the planning, design and construction of a new North County Depot for the Departments of Transportation and General Services. The facility will accommodate the planned future growth of the County's transit fleet and will serve as a staging, operations and maintenance center. Phase 1 of the new North County facility will accommodate 120 new buses, provide for their maintenance and house the departments' operational and administrative staff. The facility will complement the existing County bus maintenance facilities at Brookeville in Silver Spring, and Crabbs Branch Way in Rockville. This project will be designed to allow future expansion of the facility to accommodate 250 new buses and almost 90 pieces of heavy machinery.

**DRAFT**

**SUBURBAN MARYLAND  
TRANSPORTATION IMPROVEMENT PROGRAM  
CAPITAL COSTS (in \$1,000)**

Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
<b>Redland Road from Crabbs Branch Way - Baederwood Lane</b>									
TIP ID: 5946		Agency ID: 500010		Title: Redland Road from Crabbs Branch Way - Baederwood Lane				Complete: 2014	
Facility:	Redland Road from Crabbs Branch Way - Baederwood	Local	0/0/100	10 a	89 a				713
From:	Crabbs Branch Way			80 b	519 c				
To:	Baederwood Lane				15 e				

**Total Funds: 713**

Description: This project provides for the reconstruction of a segment of Redland Road including intersections with Crabbs Branch Way and Needwood Road for congestion mitigation. Anticipated improvements include: widening a portion of Redland Road from Crabbs Branch Way to Baederwood Lane, construction of additional turning lanes, installation of traffic improvement devices, storm drain modifications as needed, and an 8' wide mixed-use bikepath/sidewalk (Class1). The bikepath will be located within the project limits on the northwest side of the road. A pedestrian impact analysis has been completed for this project.



**Seminary Road Intersection Improvement**

Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
<b>Seminary Road Intersection Improvement</b>									
TIP ID: 6019		Agency ID: 501307		Title: Seminary Road Intersection Improvement				Complete:	
Facility:	Seminary Road Intersection Improvement	Local	0/0/100				466 a	244 a	974
From:	Brookeville Road Seminary Place Intersection							264 b	
To:	Linden Lane/Second Avenue Intersection								

**Total Funds: 974**

Description: This project provides for the design, land acquisition and construction of an approximate 40 foot segment of Seminary Road between the Brookeville Road/Seminary Place, and Linden Lane / Second Avenue intersections on a new alignment; reconstruction of 650 feet of Seminary Place from Seminary Road to 450 Feet east of Riley Place with a vertical alignment revision at Riley Place: increasing the Linden Lane curb lane widths along the 250 foot section between Brookeville Road and Second Avenue to provide two 15-foot shared use lanes to accommodate bicyclists; and reconstruction of the 350 foot segment Brookeville Road between Linen Lane and Seminary Road. Seminary Road will be a closed-section roadway with two 15-foot shared use lanes and a sidewalk along the northern side. Brookeville Road will be a closed-section roadway with one southbound 16-foot shared use lane, sidewalks, and a parking lane on the western side. The project includes street lights, landscaping and stormwater management. The project will simplify vehicle movements and improve traffic congestion by eliminating the Seminary Road "sweep" between Brookville Road and Second Avenue, and pedestrian and bicyclist safety will be improved. The proposed Seminary Place vertical alignment revision at Riley Place will increase intersection sight distance.



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**SUBURBAN MARYLAND  
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		Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
<b>Streetlight Enhancements - CBD /Town Center</b>											
TIP ID: 5982	Agency ID: 500512	Title: Streetlight Enhancements - CBD / Town Center								Complete:	
Facility:	Streetlight Enhancements - CBD / Town Center	Local	0/0/100		50 a		1,210				
From:	CBDs and Town Centers				160 e	200 e	200 e	200 e	200 e		
To:											
										<b>Total Funds:</b>	<b>1,210</b>

Description: This project provides for the evaluation and enhancement of street lighting within and around the Central Business Districts (CBDs) and town centers where current lighting does not meet minimum Illuminating Engineering Society of North America (IESNA) standards. This project will fill in street lighting; standardize streetlight types; and replace sodium vapor lighting. This project is needed to provide visibility and safety improvements in areas where there is a high concentration of pedestrians, bicyclists, and vehicles.



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## SUBURBAN MARYLAND TRANSPORTATION IMPROVEMENT PROGRAM CAPITAL COSTS (in \$1,000)

	Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
<b>White Flint District East - Transportation</b>										
TIP ID: <b>5985</b>		Agency ID: <b>501204</b>		Title: <b>White Flint District East - Transportation</b>					Complete:	

Facility: White Flint District East	Local	0/0/100	1,000 a	1,050 a	650 a	4,120 a				9,920
From:				3,000 c						
To:				100 e						

**Total Funds: 9,920**

Description: WF East



This project provides for completion of preliminary engineering to 35% plans for 3 new roads and one bridge in the White Flint District East side area as follows:

**PROJECT 1**

Executive Blvd. Extended East (B-7): MD 355 (Rockville Pike to New Private Street)  
(Construct 1100' of 4-lane roadway)

**PROJECT 2**

Executive Blvd. Extended East (B-7): New Private Street to new Nebel Street Extended.  
(Construct 600' of 4-lane roadway)

**PROJECT 3**

Nebel Street (B-5): Nicholson Lane South to combined property  
(Construct 1,200' of 4-lane roadway)

**PROJECT 4**

Bridge across White Flint Metro Station on future MacGrath Boulevard between MD 355 and future Station Street.  
(Construct 80' long 3-lane bridge)

The vision for the White Flint District is for a more urban core with a walkable street grid, sidewalks, bikeways, trails, paths, public use space, parks and recreational facilities, mixed-use development, and enhanced streetscape to improve the areas for pedestrian circulation and transit oriented development around the Metro station.

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## SUBURBAN MARYLAND TRANSPORTATION IMPROVEMENT PROGRAM CAPITAL COSTS (in \$1,000)

	Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
<b>White Flint District West: Transportation</b>										
TIP ID: <b>5986</b>	Agency ID: <b>501116</b>		Title: <b>White Flint District West: Transportation</b>						Complete:	
Facility: White Flint District West: Transportation	Local	0/0/100		750 a	2,650 a	2,950 a	3,535 a	1,589 a	58,789 c	84,364
From:				600 b		200 b	200 b	4,681 c		
To:							6,069 c	610 e		
							1,741 e			
<b>Total Funds:</b>										<b>84,364</b>

Description: This project provides for completing preliminary engineering, to 35% plans and initial land acquisition for one new road, one relocated road, improvements to three existing roads, and one new bikeway in the White Flint District area for Stage 1. Various improvements to the roads will include new traffic lanes, shared-use paths, the undergrounding of overhead utility lines, other utility relocations, and streetscaping. 

**PROJECTS FOR PRELIMINARY ENGINEERING (6):**

1. Main Street/Market Street (B-10):  
New 2-lane, 1700' roadway from Old Georgetown Road (MD 187) to Rockville Pike (MD 355).
2. Main Street/ Market Street Bikeway (B-10)  
1,700' of bikeway
3. Executive Boulevard Extended (B-15)  
New 900' of 4-lane roadway from Marinelli Road to Old Georgetown Road (MD 187)
4. Rockville Pike (MD 355)  
Reconstruct 6,300' of 6-8 lane roadway from Flanders Avenue to Hubbard Drive
5. Old Georgetown Road (MD 187)  
1,600' of 6-lane roadway from Nicholson/Tilden Lane to Executive Boulevard
6. Hoya Street (formerly 'Old' Old Georgetown Road)  
1,100' of 4-lane roadway from Executive Boulevard to Montrose Parkway

**FINAL DESIGN, CONSTRUCTION, & LAND ACQUISITION PROJECTS (4):**

1. Main Street/Market Street  
New 2 lane 1,700' roadway from Old Georgetown Road (MD 187) to Woodglen Road.
2. Main Street Market Street Bikeway  
New 1,700' of bikeway from Old Georgetown Road (MD 187) to Woodglen Road.
3. Executive Boulevard Extended  
New 900' of 4-lane roadway from Marinelli Road to Old Georgetown Road (MD 187)
4. Rockville Pike (MD 355)  
Reconstruct 6,300' of 6-8 lane roadway from Flanders Avenue to Hubbard Drive.

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**SUBURBAN MARYLAND  
TRANSPORTATION IMPROVEMENT PROGRAM  
CAPITAL COSTS (in \$1,000)**

Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
<b>White Flint Traffic Analysis and Mitigation</b>									
TIP ID: 5987	Agency ID: 501202	Title: White Flint Traffic Analysis and Mitigation						Complete:	

Facility: White Flint Traffic Analysis and Mitigation	Local	0/0/100	420 a	248 a	248 a	148 a			1,064
From: White Flint Sector Plan and Surrounding Area									
To:									
<b>Total Funds:</b>									<b>1,064</b>

Description: This project is programmed in direct response to requirements of the Approved White Flint Sector Plan. It is composed of three components with the overall goal of mitigating the traffic impacts on communities and major intersections outside of, and surrounding, the White Flint Sector Plan area that will occur as a result of the redevelopment densities approved under the Approved White Flint Sector Plan. These components include:



- A. Cut-through traffic monitoring and mitigation
- B. Capacity improvements to address congested intersections
- C. A study of strategies and implementation techniques to achieve the Sector Plan's modal split goals. The modal split study will identify specific infrastructure projects to create an improved transit, pedestrian, and biking infrastructure; and programs needed to accomplish the mode share goals; determine funding sources for these strategies; and determine the scope and cost of project components.

Transit, pedestrian, bicycle access, safety studies, and TDM planning and implementation efforts are required to facilitate White Flint's transition from a highly automobile oriented environment to a more transit, pedestrian, and bicycle friendly environment. Once specific improvements are identified and concepts developed, detailed design and construction will be programmed in a stand alone PDF.

**Maintenance****Bridge Preservation Program**

TIP ID: 5971	Agency ID: 500313	Title: Bridge Preservation Program						Complete:	
Facility: Bridge Preservation Program	Local	0/0/100	284 a	142 a	142 a	142 a			1,506
From: County-wide			720 c	360 c	360 c	360 c			
To: County-wide									
<b>Total Funds:</b>									<b>1,506</b>

Description: This project provides for removal of corrosion and installation of protective coatings on existing County steel bridges that have been identified as needing surface recoating through the Biennial Bridge Inspection Program

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	Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
<b>Resurfacing: Primary/Arterial</b>										
TIP ID: 5974	Agency ID: 508527		Title: Resurfacing: Primary / Arterial						Complete:	
Facility: County-wide	Local	0/0/100		1,500 a	900 a	900 a	1,050 a	1,050 a	1,050 a	43,000
From:				8,500 c	5,100 c	5,100 c	5,950 c	5,950 c	5,950 c	
To: County-wide										<b>Total Funds: 43,000</b>

Description: Montgomery County maintains approximately 966 lane miles of primary and arterial roadways. This project provides for the systematic milling, repair, and bituminous concrete resurfacing of selected primary and arterial roads and revitalization of others. This project provides for a systematic full-service, and coordinated revitalization of the primary and arterial road infrastructure to ensure viability of the primary transportation network, and enhance safety and ease of use for all users. One aspect of this project will focus on improving pedestrian mobility by creating a safer walking environment, utilizing selected engineering technologies, and ensuring compliance with the Americans with Disabilities Act (ADA).

<b>Transit Park and Ride Lot Renovations</b>										
TIP ID: 5976	Agency ID: 500534		Title: Transit Park and Ride Lot Renovations						Complete:	
Facility: Transit Park and Ride Lot Renovations	Local	0/0/100		185 a	125 a	125 a	125 a			1,380
From:				765 c	305 c	240 c	460 c			
To:										<b>Total Funds: 1,380</b>

Description: This project provides repairs and renovations to parking lots at transit park and ride lots, transit centers, and MARC Rail lots to allow them to continue functioning as transit facilities and comply with the Americans with Disabilities Act (ADA) requirements. In FY 08 and FY 09, an evaluation and assessment of all park and ride facilities, including ADA accessibility and pedestrian safety, was completed to provide scope and detailed cost estimates for the restoration and upgrades. The County operates 14 transit park and ride lots in major transportation corridors. Several County park and ride lots have had major failures, resulting from the age and use of the facilities. Nine of the 14 County-operated park and ride lots were constructed more than 19 years ago. Pavement was not constructed to support heavy bus traffic in the bus bays and entrance drives at some of these older facilities.

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**SUBURBAN MARYLAND  
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CAPITAL COSTS (in \$1,000)**

		Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
<b>Transit</b>											
<b>ADA Compliance Transportation Access</b>											
TIP ID: 3068	Agency ID: 509325	Title: ADA Compliance Transportation Access								Complete:	
Facility:	ADA Compliance Transportation Access	Local	0/0/100		225 a	225 a	225 a	225 a	283 a	283 a	9,030
From:					1,242 c	1,242 c	1,242 c	1,242 c	1,214 c	1,214 c	
To:					28 e						
										<b>Total Funds:</b>	<b>9,030</b>

Description: This project provides both curb ramps for sidewalks and new transportation accessibility construction in compliance with the Americans with Disabilities Act (ADA). In compliance with the ADA, this project improves access to public facilities and services throughout the County. The improvement program provides for planning, design and reconstruction of existing infrastructure Countywide to enable obstruction-free access to public facilities, public transportation, Central Business Districts (CBDs), health facilities, shopping centers, and recreation. Curb ramp installation at intersections along residential roads will be constructed based on population density. Funds are provided for the removal of barriers to wheelchair users such as signs, poles, and fences, and for intersection improvements, such as the reconstruction of median breaks and new curb ramps, crosswalks and, and sidewalk connectors to bus stops. Curb ramps are needed to enable mobility for physically-impaired citizens; for the on-call transit program, "Accessible Ride On" and for County-owned and leased facilities. A portion of this project will support the Renew Montgomery Program. One aspect of this project will focus on improving pedestrian walkability by creating a safer walking environment, utilizing selected engineering technologies, and ensuring ADA compliance.

<b>Bethesda Bikeway and Pedestrian Facilities</b>											
TIP ID: 3680	Agency ID: 500119	Title: Bethesda Bikeway and Pedestrian Facilities								Complete: 2015	
Facility:	Bethesda Bikeway and Pedestrian Facilities	Local	0/0/100		269 a	87 a					1,085
From:					60 e	609 c					
To:						60 e					
										<b>Total Funds:</b>	<b>1,085</b>

Description: This project provides bikeway network improvements and pedestrian intersection improvements as specified in the Bethesda CBD Sector Plan to complete the requirements of Stage I development.

**DRAFT**

**SUBURBAN MARYLAND  
TRANSPORTATION IMPROVEMENT PROGRAM  
CAPITAL COSTS (in \$1,000)**

Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
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**Bethesda Metro South Entrance**

TIP ID: <b>5560</b>	Agency ID: <b>200929</b>	Title: <b>Bethesda Metro South Entrance</b>	Complete:						
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Facility: Bethesda Metro South Entrance	Local	0/0/100	4,000 a	3,200 a	1,000 a	9,900 a	29,900 a	28,000 c	76,000
From: Elm Street west of Wisconsin Avenue									<b>Total Funds: 76,000</b>
To:									

Description: This project provides access from Elm Street west of Wisconsin Avenue to the southern end of the Bethesda Metrorail Station. The Metrorail Red Line runs below Wisconsin Avenue through Bethesda more than 120 feet below the surface, considerably deeper than the Purple Line right-of-way. The Bethesda Metrorail Station has one entrance, near East West Highway. The station was built with accommodations for a future southern entrance.

The Bethesda light rail transit (LRT) station would have platforms located just west of Wisconsin Avenue on the Georgetown Branch ROW. This platform allows a direct connection between LRT and Metrorail, making transfers as convenient as possible. Six station elevators would be located in the Elm Street ROW, which would require narrowing the street and extending the sidewalk.

The station would include a new south entrance to the Metrorail Station, including a new mezzanine above the Metrorail platform, similar to the existing mezzanine at the present station's north end. The mezzanine would use the existing knock-out panel in the arch of the station and the passageway that was partially excavated when the station was built, in anticipation of the future construction of a south entrance.

**Bus Stop Improvement Program**

TIP ID: <b>3063</b>	Agency ID: <b>507658</b>	Title: <b>Bus Stop Improvement Program</b>	Complete: <b>2017</b>						
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Facility: Bus Stop Improvement Program	Local	0/0/100	201 a	151 a	496 a	151 a	155 a		3,228
From:			400 c	345 b	155 c	345 b	357 b		
To:				156 c		155 c	161 c		
									<b>Total Funds: 3,228</b>

Description: This project provides for the installation and improvement of capital amenities at bus stops in Montgomery County to make them safer, more accessible, and attractive to users and to improve pedestrian safety for County transit passengers. These enhancements can include items such as sidewalk connections, improved pedestrian access, pedestrian refuge islands and other crossing safety measures, area lighting, and paved passenger standing areas. In prior years, this project included funding for the installation and replacement of bus shelters and benches along Ride-On and County Metrobus routes; benches and shelters are now in the operating budget.

**DRAFT**

**SUBURBAN MARYLAND  
TRANSPORTATION IMPROVEMENT PROGRAM  
CAPITAL COSTS (in \$1,000)**

		Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
<b>Downcounty Bikesharing Phase 1</b>											
TIP ID: <b>6027</b>	Agency ID:	Title: <b>Downcounty Bikesharing Phase 1</b>								Complete:	
Facility:	Downcounty Bikesharing Phase 1	PRIV	0/0/0		252 e						252
From:	Washington DC / Montgomery County Line										
To:	Silver Spring / Takoma Park & Bethesda/ Medical Cen	State/DC	0/100/0		1,008 e						1,008
										<b>Total Funds:</b>	<b>1,260</b>

Description: Downcounty Bikesharing  
 Montgomery County will contract to install and operate approximately 29 stations and roughly 204 bikes to expand the Capital Bikeshare network north of the Washington, D.C. city line into dense urban portions of the County where bikesharing will help the County and State achieve mutually beneficial transportation, environmental, and social goals. Montgomery County seeks to develop a bikesharing system that is complementary to the existing transit system, easily accessible to travelers of all income levels, and further promotes bicycling as a serious form of sustainable transportation within the County. Bikesharing is a transit option to allow individuals to connect with other forms of transit, jobs, and activity centers. By promoting bicycling for short trips of less than 3 miles, and for the first mile and last mile of longer transit trips, bikesharing maximizes existing infrastructure by extending the reach of rail and bus transit in an effective, innovative manner.

<b>Montgomery Mall Transit Center</b>											
TIP ID: <b>2898</b>	Agency ID: <b>500714</b>	Title: <b>Montgomery Mall Transit Center</b>								Complete:	
Facility:	Montgomery Mall Transit Center	Local	0/0/100		163 a						1,328
From:					1,165 c						
To:											
										<b>Total Funds:</b>	<b>1,328</b>

Description: This project provides for the County portion of the new Montgomery Mall Transit Center. Mall owners will develop the land and construct all bus and passenger foundation structures including utilities. The County will design and fund construction, as well as maintain the patron waiting area with weather/wind protected sides, passenger seating, a transit center canopy to protect patrons, and a driver restroom. Construction of the County portion is expected to start in FY 14 to coordinate with the Montgomery Mall Expansion by the developer. A pedestrian impact analysis will be performed during design, or is in progress.

**DRAFT**

**SUBURBAN MARYLAND  
TRANSPORTATION IMPROVEMENT PROGRAM  
CAPITAL COSTS (in \$1,000)**

		Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
<b>RideOn Bus Fleet</b>											
TIP ID: 3072	Agency ID: 500821	Title: Ride On Bus Fleet								Complete:	
Facility: Ride On Bus Fleet		Local	0/0/100		1,225 e	19,030 e	11,748 e	7,819 e	4,562 e	11,350 e	55,734
From: Countywide		Section 5307	100/0/0		1,600 e	1,600 e	1,600 e	1,600 e	1,600 e	1,600 e	9,600
To:		Section 5308	100/0/0		3,066 e						3,066
		State/DC	0/100/0		400 e	400 e	400 e	400 e	400 e	400 e	2,400
										<b>Total Funds:</b>	<b>70,800</b>

Description: This project provides for the purchase of replacement buses in the Ride On fleet in accordance with the Division of Transit Services' bus replacement plan. The FY 13-18 plan calls for the following:

- FY 13: 11 full-size and 28 small buses
- FY 14: 21 full-size and 32 small buses
- FY 15: 33 full-size buses
- FY 16: 23 full-size buses
- FY 17: 15 full-size buses
- FY 18: 29 full-size buses

Full-size transit buses have an expected useful life of twelve years. Smaller buses have an expected useful life of five to seven years.

**DRAFT**

**SUBURBAN MARYLAND  
TRANSPORTATION IMPROVEMENT PROGRAM  
CAPITAL COSTS (in \$1,000)**

Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
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**Prince George's County**

**Primary**

**Contee Road Reconstruction**

TIP ID: <b>5424</b>	Agency ID:	Title: <b>Contee Road Reconstruction</b>	Complete: <b>2016</b>						
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Facility: Contee Road	Local	0/0/100		350 a	350 a	300 a			18,835
From: US 1				1,000 b	1,000 b	9,835 c			
To: MD 201 Kennilworth Avenue / Virginia Manor Road Ea					6,000 c				

**Total Funds: 18,835**

Description: This project will include the reconstructin of Contee Road from US 1 to the proposed Virginia Manor Road east ( MD 201/ Kennilworth Avenue extended). The improvements will include the construction of a 4 lane divided roadway with median, bicycle lanes, sidewalks, street lights, traffic signals, curb and gutter and landscaping. The improvment is needed to serve planned development in the area and to improve access to the Laurel regional Hospital



TIP ID: <b>5425</b>	Agency ID:	Title: <b>Construct Contee Road from I-95 to Old Gunpowder Road</b>	Complete: <b>2015</b>						
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Facility: Contee Road	Local	0/0/100	550 a	350 a	250 a	171 a			17,256
From: US 1 Baltimore Avenue			450 b	350 b	250 b	50 b			
To: Old Gunpowder Road					8,500 c	7,335 c			

**Total Funds: 17,256**

Description: Construction a new segment of Contee Road from west of the proposed I-95 interchange (SHA Project) to Old Gunpowder Road and reconstruct/re;ocate Contee Road from US 1 to Kenilworth Avenue extended west/existing Virginia Manor Road.



**Secondary**

**Auth Road**

TIP ID: <b>5608</b>	Agency ID:	Title: <b>Auth Road II</b>	Complete:						
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Facility: Auth Road	Local	0/0/100		300 a	300 a	4,176 c			4,976
From: Allentown Road				100 b	100 b				
To: Henderson Way									

**Total Funds: 4,976**

Description: Auth Road, Phase II consists of reconstructing Auth Road from henderson Way to Allentown Road. This project will resolve storm drainage problems and enhance pedestrian access and safety. Traffic signals, sidewalks, street lighting and landscaping will be installed.

**DRAFT**

**SUBURBAN MARYLAND  
TRANSPORTATION IMPROVEMENT PROGRAM  
CAPITAL COSTS (in \$1,000)**

Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
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**Contee Road**

TIP ID: <b>3114</b>	Agency ID:	Title: <b>Contee Road</b>	Complete: <b>2016</b>						
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Facility: Contee Road	Local	0/0/100		350 a	350 a	300 a			9,935
From: US 1				1,000 b	1,000 b	935 c			
To: MD 1 201/ Virginia Manor East					6,000 c				

**Total Funds: 9,935**

Description: This project will include the reconstruction of Contee Road from US 1 to the proposed Virginia Manor Road eas (MD 201/Kenilworth Avenue extended). The improvements will include the construction of a 4 lane divided roadway with median, bicycle lanes, sidewalks, street lights, traffic signal, curb and gutter and landscaping. This improvement is necessary to serve planned development in the area and to improve access to the Laurel Regional Hospital.



**Forestville Road**

TIP ID: <b>3123</b>	Agency ID:	Title: <b>Forestville Road</b>	Complete: <b>2014</b>						
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Facility: Forestville Road	State/DC	0/100/0		2,000 c					2,000
From: I-95 Ramps at Forestville Road									
To: Rena Road at Forestville Road									

**Total Funds: 2,000**

Description: This project will relocate and realign the Rena Road intersection with Forestville Road to improve traffic safety and roadway capacity. The intersection is immediately adjacent to the Forestville Road ramp from southbound I-95. The project will widen the I-95 off ramp approach to two lanes and signalize the intersection to alleviate traffic backing onto the beltway. Forestville Road will be widened to provide a left turn lane. Funding is being provided by Maryland Department of Transportation grant. The close proximity of the two intersections requires signalized geometric improvements to be made to increase capacity and improve safety.



**Hill Road**

TIP ID: <b>3132</b>	Agency ID:	Title: <b>Hill Road III</b>	Complete: <b>2016</b>						
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Facility: Hill Road	Local	0/0/100	2,240 c	50 a	50 a	150 a	61 a		4,407
From:				313 b	750 b	450 b	343 b		
To: MD 704 Hill Road @ ML King Jr Highway						2,240 c			

**Total Funds: 4,407**

Description: This project involves improvements to the Hill Road/MD 704 intersection. It includes sidewalk construction, street lighting and landscaping. The construction of traffic circles at several locations along Hill Road will also be evaluated as traffic measures to improve safety. This project will be partially funded with developer contributions.



# DRAFT

## SUBURBAN MARYLAND TRANSPORTATION IMPROVEMENT PROGRAM CAPITAL COSTS (in \$1,000)

	Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
<b>Livingston Road and Bridge</b>										
<b>TIP ID: 5806</b>	Agency ID:		Title: <b>Bridge Replacement - Livingston Road</b>						Complete:	
Facility:	Bridge Replacement - Livingston Road	BR	80/0/20	102 a	350 a	100 a	49 a	4,637 c		10,356
From:				20 b	248 b	332 b	4,640 c			
To:	Over Piscataway Creek									
<b>Total Funds:</b>										<b>10,356</b>

Description: This project will replace the existing Livingston Road Bridge over Piscataway Creek, reconstruct the approach roadways and install sidewalks, street lights, and landscaping. Funding for the bridge replacement is anticipated to be 80% Federal Aid for design and construction. Right of way, wetland, mitigation, and necessary roadway rehabilitation beyond the bridge and approach liits are anticipated to be County funded. the bridge is currently load restricted to 58,000 pounds and was originally constructed in 1932.



### Montgomery Road Improvments

<b>TIP ID: 6025</b>	Agency ID:		Title: <b>Montgomery Road Improvements</b>						Complete: <b>2013</b>	
Facility:	Mongomery Road Improvments	Local	0/0/100	46 a	2,175 c					2,175
From:	Powder Mill Road			189 b						
To:	US 1			700 c						
<b>Total Funds:</b>										<b>2,175</b>

Description: This project consists of rehabilitating the existing roadway from Powder Mill Road to Us 1. The project may include concrete curbs, gutters, sidewalks and amenities. In addition, Selman Road will be resurfaced along the roadway between the bridge over Little Paint Branch and Montgomery Road. This improvement is needed to enhance safety and address the deteriorated road conditions.

### Old Gunpowder Road

<b>TIP ID: 5258</b>	Agency ID:		Title: <b>Old Gunpowder Road II</b>						Complete: <b>2018</b>	
Facility:	Old Gunpowder Road	Local	0/0/100			150 a	150 a	150 a	100 a	17,260
From:	Powder Mill Road					1,110 b	2,400 b	1,400 b	5,000 c	
To:	Greencastle Road						2,000 c	4,800 c		
<b>Total Funds:</b>										<b>17,260</b>

Description: This project is composed of two phases. Phase I consists of designing the ultimate, four lane divided urban collector section from Greencastle Road to Denim Road. A developer will construct two lanes of the four-lane divided section from 400 feet south of Greencastle Road to Briggs Chaney Road. Phase II consists of constructing the remaing unbuilt portion of the ultimate full collector section from Greencastle Road to Denim Road. Included is the construction of an additional bridge over I-95. "Developer" funding consists of potential contributions from area developments that have traffic impacts to the roadway. The improvements are needed to serve planned development in the area.



**DRAFT**

**SUBURBAN MARYLAND  
TRANSPORTATION IMPROVEMENT PROGRAM  
CAPITAL COSTS (in \$1,000)**

		Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
<b>Oxon Hill Road</b>											
TIP ID: 4912	Agency ID:	Title: Phase 2							Complete: 2014		
Facility:	Oxon Hill Road	Local	0/0/100		100 a	25 a	1,375 c				14,374
From:	National Harbor Ent.				475 b	349 b					
To:	Fort Foote North				4,400 c	7,650 c					

**Total Funds: 14,374**

Description: This project consists of three phases. Phase I, which is complete involved resurfacing Oxon Hill Road from Livingston Road to Fort Foote Road North. Phase II involved constructing Oxon Hill Road as a collector roadway with curbs, gutters, in pavement bicycle lanes and closed storm drainage systems from the national Harbor entrance road to just south of Fort Foote Road North. This project will be partially funded with developer contributions.



<b>Suitland Road</b>											
TIP ID: 3157	Agency ID:	Title: Suitland Road							Complete: 2018		
Facility:	Suitland Road	Local	0/0/100					50 a	20 a		8,608
From:	MD 337 Allentown Road							80 b	43 b		
To:	Suitland Parkway							4,208 c	4,207 c		

**Total Funds: 8,608**

Description: Redevelopment and reconstruction to provide a four-lane facility to support local development and to improve safety and area traffic flow.



<b>Suitland Road</b>											
TIP ID: 3037	Agency ID:	Title: Suitland Road							Complete: 2018		
Facility:	Suitland Road	Local	0/0/100		290 a	200 a	170 a				9,235
From:	Suitland Parkway				850 b	4,433 c	4,432 c				
To:	MD 458 Silver Hill Road				2,256 c						

**Total Funds: 9,235**

Description: Redevelopment and reconstruction to provide a four-lane facility to support local development and to improve safety and area traffic flow.



**DRAFT**

**SUBURBAN MARYLAND  
TRANSPORTATION IMPROVEMENT PROGRAM  
CAPITAL COSTS (in \$1,000)**

		Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
<b>Surratts Road</b>											
TIP ID: 3159	Agency ID:	Title: Surratts Road								Complete: 2015	
Facility:	Surratts Road	Local	0/0/100		25 a	2,285 c	903 c				10,993
From:	Beverly Ave.				180 b						
To:	Brandywine Road				7,600 c						

**Total Funds: 10,993**

Description: This project consists of upgrading Surratts Road to a collector-type roadway from the general vicinity of Beverly Abenue westward to Brandywine Road and improvements to Brandywine Road from Thrift Road to approximately 500 feet north of Surratts Road. A portion of Surratts Road will be relocated to improve the alignment of the intersection at Brandywine Road. Phase 2, which is not programmed at this time will provide improvements from Summit Creek Drive to Beverly Avenue. This project will be partially funded with developer contributions. This project will improve existing traffic service and provide sufficient capacity for projected area development. It will tie into dveloper improvements on Surratts Road, and will enable a continuous collector-type roadway to be in place from the vicinity of MD 5 to Brandywine Road

**Virginia Manor Road**

TIP ID: 3165	Agency ID:	Title: Virginia Manor Road								Complete: 2014	
Facility:	Virginia Manor Road	State/DC	0/100/0	3,000 a	20,000 c	7,000 c					27,000
From:	Muirkirk Road										
To:	Old Gunpowder Road										

**Total Funds: 27,000**

Description: This project will reconstruct and realign Virginia Manor Road in COnjunction with the construction of the inter County Connector and the construction of Konterra development. A four lane divided highway will be constructed between Old Gunpowder Road and Muirkirk Road funded by others. This project will be subject to agreement between Developer, State of maryland and Prince George's COunty. The improvement is needed to serve planned development in the area.

**Wheeler Road**

TIP ID: 3166	Agency ID:	Title: Wheeler Road								Complete: 2018	
Facility:	Wheeler Road	Local	0/0/100	3,102 c			200 a	40 a	19 a		1,068
From:	Owens Road							238 b	571 b		
To:	St. Barnabas Road										

**Total Funds: 1,068**

Description: This project consists of providing geometric improvments at the intersection of Wheeler Road at Owens Road and Saint Barnabas Road. The project limits extend from Saint Brnabas Road to west of Owens Road. This modification will eliminate congestion caused by traffic at Owens Road.



**DRAFT**

**SUBURBAN MARYLAND  
TRANSPORTATION IMPROVEMENT PROGRAM  
CAPITAL COSTS (in \$1,000)**

Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
<b>Bike/Ped</b>									
<b>School access project</b>									
TIP ID: 6026	Agency ID:	Title: <b>School Access Project</b>						Complete:	
Facility: Various locations County-wide	Local	0/0/100		100 c	500				
From:	SRTS	100/0/0	897 c						897
To:									
<b>Total Funds:</b>									<b>1,397</b>

Description: This project provides funding for vehicular and pedestrian access improvements, in conjunction with the construction of new schools or renovations and additions to existing school buildings. This project provides sidewalks, crosswalks and other enhancements for students walking within 1 to 1.5 miles of their respective schools in accordance with the current Prince George's County Board of Education policy. Federal funding through the State of Maryland is for the Safe Routes to School (SRTS) program), to enable and encourage children to safely walk or bike to school including children with disabilities within two miles of school (K-8)

<b>Bridge</b>									
<b>Bock Road Bridge Replacement</b>									
TIP ID: 5397	Agency ID:	Title: <b>Bock Road Bridge Replacement</b>						Complete:	
Facility: Bock Road Bridge	BR	80/0/20	938 a	2,390 c					2,390
From: north side of Henson Creek			59 b						
To: south side of Henson Creek			4,260 c						
<b>Total Funds:</b>									<b>2,390</b>

Description: This project consists of replacing Bock Road Bridge over Henson Creek. The original bridge was built in 1959 and is load posted for 38,000 pounds. Funding is anticipated to be 80% Federal Aid for design and construction. Right-of-way, wetlands mitigation and necessary roadway rehabilitation beyond the bridge and approach limits are anticipated to be County-funded.

<b>Brandywine Road Bridge Replacement</b>									
TIP ID: 5400	Agency ID:	Title: <b>Brandywine Road Bridge Replacement</b>						Complete:	
Facility: Brandywine Road Bridge over Piscataway Creek	BR	80/0/20	318 a	270 a	50 a	62 a	2,050 a		5,002
From: north side of Piscataway Creek			10 b	15 b	25 b	2,530 c			
To: south side of Piscataway Creek									
<b>Total Funds:</b>									<b>5,002</b>

Description: This project replaces the existing structure over Piscataway Creek, constructs scour counter measures within the creek to protect the bridge substructure, and reconstructs the approach roadways. The existing bridge, constructed of concrete, is posted for 22,000 pounds and is in a deteriorated condition. Funding is anticipated to be 80% Federal Aid eligible for design and construction

**DRAFT**

**SUBURBAN MARYLAND  
TRANSPORTATION IMPROVEMENT PROGRAM  
CAPITAL COSTS (in \$1,000)**

Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total	
<b>Bridge Rehabilitation, Federal Aid</b>										
TIP ID: <b>5401</b> Agency ID:		Title: <b>Bridge Replacement, Federal Aid</b>						Complete:		
Facility: Bridge Replacement Federal Aid	BR	80/0/20					300 a	200 a	2,050	
From: various locations							900 c	650 c		
To: various locations										
								<b>Total Funds:</b>	<b>2,050</b>	

Description: This project will rehabilitate deteriorated bridges exceeding 20 feet in length where the current deteriorated condition of the bridges does not warrant replacement. Federal Aid funding will be utilized for design and construction of the projects at an 80/20 federal/local ratio.

<b>Bridge Repair and replacement II</b>										
TIP ID: <b>5402</b> Agency ID:		Title: <b>Bridge Repair and Replacement 2</b>						Complete:		
Facility: Bridge Repair and Replacement	BR	80/0/20	3,439 a	1,215 a	1,000 a	1,000 a	1,000 a	1,000 a	10,654	
From: various locations				800 c	500 c	500 c	100 c	100 c		
To: various locations										
								<b>Total Funds:</b>	<b>10,654</b>	

Description: This project provides for replacing and rehabilitating County bridges based on Maryland state Highway Administration sufficiency ratings. It also provides funding for small scale and emergency capital repairs to various bridges located throughout the county. "Federal" funding beginning in FY-08 is for conducting the mandatory biennial bridge inspection program. The federal contribution is programmed at \$924million in FY '09, \$140 million in FY 10 and \$150 million in each year from FY 11-14.

<b>Bridge replacement - Fenno Road, 2 Bridges</b>										
TIP ID: <b>5725</b> Agency ID:		Title: <b>Bridge Replacement - Fenno Road, 2 Bridges</b>						Complete:		
Facility: Fenno Road, 2 Bridges	BR	80/0/20	440 c	826 c					826	
From:										
To: Over Mattaponi Creek										
								<b>Total Funds:</b>	<b>826</b>	

Description: This project consists of replacing two existing Fenno Road bridges over Mattaponi Creek. Bridge no. PO482 was originally built in 1947 and bridge no. PO488 was originally built in 1957. Both bridges are load posted for 6000 pounds each. Funding for construction is anticipated to be 80% Federal Aid.

**DRAFT**

**SUBURBAN MARYLAND  
TRANSPORTATION IMPROVEMENT PROGRAM  
CAPITAL COSTS (in \$1,000)**

	Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
<b>Bridge Replacement - Oxon Hill Road</b>										
TIP ID: <b>5807</b>	Agency ID:	Title: <b>Bridge Replacement - Oxon Hill Road</b>							Complete: <b>2016</b>	
Facility: Bridge Replacement - Oxon Hill Road	BR	80/0/20	40 a	160 a	55 a	1,620 c	3,549 c			5,484
From:				50 b	50 b					
To: Over Henson Creek										<b>Total Funds: 5,484</b>

Description: This project replaces the existing structure, Bridge No. PO 310, over Henson Creek and constructs scour counter-measures within the creek channel to protect the bridge substructure. In addition to the construction of a larger and wider structure, the approach roadways will be realigned and reconstructed in accordance with the area's master plan. Funding for the replacement bridge is anticipated to be 80% Federal Aid and 20% County Funds.

<b>Bridge Replacement - Temple Hill Road</b>										
TIP ID: <b>6013</b>	Agency ID:	Title: <b>Bridge Replacement - Temple Hill Road</b>							Complete: <b>2014</b>	
Facility: Temple Hill Road Bridge	Local	0/0/100	3,840 c	50 a	120 a					522
From:				352 c						
To: Over Pea branch										<b>Total Funds: 522</b>

Description: This project replaces the existing structure, Bridge No. P1505 over Pea Hill Branch with a larger, wider and higher structure. The replacement bridge will be 36 feet wide to improve vehicular safety and to accommodate pedestrians and bicycle usage. The roadway approaches will be improved on both sides of the bridge, from Salima Street to 1500 feet north for night time visibility and eliminate the sag vertical curve in the vicinity. Roadway lighting will be included.

The existing 16 foot long 22 foot wide street beam, concrete deck structure carries Temple Hill Road over Pea hill Branch. The narrow width of the structure has resulted in frequent vehicular collisions with the traffic barrier, causing significant damage to the superstructure. The existing structure is in poor condition and needs to be replaced.

<b>Brinkley Road Bridge Replacement</b>										
TIP ID: <b>5403</b>	Agency ID:	Title: <b>Brinkley Road Bridge Replacement</b>							Complete:	
Facility: Brinkley Road Bridge	BR	80/0/20	1,124 a	164 a						4,011
From: north side of Henson Creek			78 b	3,847 c						
To: south side of Henson Creek			2,286 c							<b>Total Funds: 4,011</b>

Description: This project replaces the existing structure over Henson Creek and constructs scour counter-measures within the creek channel to protect the bridge substructure. In addition, the approach roadways will be realigned and reconstructed in accordance with the area's master plan. Also included, as part of the construction, will be street lighting, sidewalks, landscaping and wetland mitigation. Funding for the replacement bridge is anticipated to be 80% Federal Aid and 20% County funds.

**DRAFT**

**SUBURBAN MARYLAND  
TRANSPORTATION IMPROVEMENT PROGRAM  
CAPITAL COSTS (in \$1,000)**

	Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
<b>Commo Road Bridge Replacement</b>										
TIP ID: 5996	Agency ID:	Title: <b>Bridge Replacement -- Commo Road</b>							Complete:	
Facility: Commo Road Bridge	BR	80/0/20		50 a	200 a	150 a	449 c			2,693
From:						44 b				
To:						1,800 c				
<b>Total Funds:</b>										<b>2,693</b>

Description: This project replaces the superstructure of the existing bridge, Bridge No. PO580, over Piscataway Creek and constructs scour counter-measures within the creek channel to protect the bridge substructure. In addition, the approach roadways will be reconstructed. Funding for the replacement superstructure is anticipated to be 80% Federal Aid and 20% County funds. The existing 59 foot long, 20 foot wide, single span steel stringer bridge was originally constructed in 1935 and reconstructed in 1972. No improvements to the bridge have occurred since that time, and it is deteriorating. The bridge is not load posted.

<b>Greencastle Road Bridge Replacement</b>										
TIP ID: 5404	Agency ID:	Title: <b>Greencastle Road Bridge Replacement</b>							Complete:	
Facility: Greencastle Road Bridge	BR	80/0/20		500 a	75 a					1,050
From: west side of Little Paint Branch				1,125 c	975 c					
To: east side of Little Paint Branch										
<b>Total Funds:</b>										<b>1,050</b>

Description: This project replaces the existing structure over Little Paint Branch, constructs scour counter-measures within the branch channel to protect the bridge substructure, and reconstructs the approach roadways. The existing bridge, constructed of steel and concrete, is posted for 48,000 pounds and is in a deteriorated condition. Funding is anticipated to be 80% Federal Aid eligible for design and construction.

<b>Sunnyside Avenue Bridge Replacement</b>										
TIP ID: 5808	Agency ID:	Title: <b>Sunnyside Avenue Bridge Replacement</b>							Complete:	
Facility: Bridge Replacement -- Sunnyside Avenue	BR	80/0/20		412 a	220 a	50 a	6,500 c	4,690 c		11,905
From: Over Indian Creek				50 b	75 b	370 c				
To:										
<b>Total Funds:</b>										<b>11,905</b>

Description: This Project replaces the Sunnyside Avenue Bridge over Indian Creek and widens the roadway west of the CSX crossing to Kenilworth Avenue (MD 201). The original bridge design was built in 1946, and rehabilitated in 1966 and 1974. Funding is anticipated to be 80% Federal Aid for bridge design and construction. Right-of-way, wetlands mitigation, and roadway reconstruction beyond the bridge and approach limits are anticipated to be 100% County-funded.

**DRAFT**

**SUBURBAN MARYLAND  
TRANSPORTATION IMPROVEMENT PROGRAM  
CAPITAL COSTS (in \$1,000)**

Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
<b>Enhancement</b>									
<b>County Revitalization &amp; Restoration 2</b>									
TIP ID: 6023	Agency ID:	Title: <b>Coounty Revitalization &amp; Restoration 2</b>						Complete: 2018	
Facility: Various locations County-wide	Local	0/0/100	10 a	200 a	200 a	200 a	200 a	200 a	3,910
From:			200 c	500 c	800 c	800 c	800 c		
To: Various locations County-wide									
<b>Total Funds:</b>									<b>3,910</b>

Description: This project provides for infrastructure improvements and reconstruction in areas targeted for revitalization. Funding is provided for street improvements along major and minor roadways and at key interstecions to improve their function, safety and appearance while alsoe improving access and addressing environmental issues. Improvements will include the installation of traffic signals, intersections modifications, drainage structures, street lighting, landscaping, water quality and quantity measures, bicycle lanes, sidewalks, and other amenities necessary to improve or expand roadway infrastructure while enhancing the appearance of the community. This project will accomodate critical improvments associated with the COunty's revitalization and economic development efforts. In particular, the area inside the beltway between MD 214 and Southern Avenue is a priority

<b>Green Street Improvements</b>									
TIP ID: 6003	Agency ID:	Title: <b>Green/Complete Street Improvements</b>						Complete: 2018	
Facility: Various locations County-wide	Local	0/0/100	500 a	500 a	200 a	200 a	250 a	250 a	11,560
From:			1,000 c	2,300 c	4,610 c	2,250 c			
To:									
<b>Total Funds:</b>									<b>11,560</b>

Description: This project provides funding for a variety of street improvments along major roadways and at key intersections to improve their appearance, safety and functionality while addressing environmental issues. These improvements include but are not limited to roadway and intersection modifications, tree planting, bio retention facilities or stormwater management related water quality and quantity measures necessary to improve the environment, bicycle lane instalation and the construction of sidewalks and paths.

<b>Other</b>									
<b>Developer Contribution Projects</b>									
TIP ID: 6024	Agency ID:	Title: <b>Developer Contribution Projects</b>						Complete: 2015	
Facility: Various locations County-wide	PRIV	0/0/0	50 a	50 a	50 a				7,277
From:			1,457 c	3,050 c	2,620 c				
To:									
<b>Total Funds:</b>									<b>7,277</b>

Description: This project provides funding for a variety of street improvements necessitated by new development. These improvments include, but are not limited to, traffic signals, intersection modifications, roadway widening, new construction, resurfacing, landscaping and contributions to a variety of State highway projects.

**DRAFT**

**SUBURBAN MARYLAND  
TRANSPORTATION IMPROVEMENT PROGRAM  
CAPITAL COSTS (in \$1,000)**

Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
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**Maintenance**

**ADA Right of Way Modifications**

TIP ID: <b>6012</b>	Agency ID:	Title: <b>Modification of ADA Rights of Way County-Wide</b>								Complete: <b>2018</b>
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Facility: ADA Rights of Way Modifications County-Wide      Local      0/0/100      500 c      500 c      500 c      500 c      500 c      500 c      3,000

From: **Total Funds: 3,000**

To: Various Locations

Description: This Project will modify existing curb, gutters and sidewalks throughout the County to bring the existing infrastructure into compliance with current Americans with Disabilities Act (ADA) design standards.

**Curb and Road Rehabilitation I & II**

TIP ID: <b>5609</b>	Agency ID:	Title: <b>Curb and Road rehabilitation II</b>								Complete: <b>2018</b>
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Facility: various locations      Local      0/0/100      2,060 a      1,000 a      1,000 a      1,000 a      1,000 a      1,000 a      67,245

From: 15,185 c      9,000 c      9,000 c      9,000 c      9,000 c      9,000 c

To: **Total Funds: 67,245**

Description: This Project provides funding for rehabilitating County streets, curbs and sidewalks, various safety improvements, installing new sidewalks, construction of sidewalk ramps in accordance with the Americans with Disabilities Act, landscaping, traffic calming improvements, revitalization improvements and the installation of guardrails. The project also includes funding to urbanize and revitalize older subdivisions. An ongoing resurfacing and safety program provides increased vehicular and pedestrian safety remedies to address hazardous conditions and upgrade the appearance of neighborhoods.

# VIRGINIA

Surface Transportation

V – 1

Transit Capital

V – %

Appendix A – Grouped Projects

V – &1



# DRAFT

## NORTHERN VIRGINIA TRANSPORTATION IMPROVEMENT PROGRAM CAPITAL COSTS (in \$1,000)

	Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
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<b>Interstate</b>	5
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### Boundary Chanel Drive Modifications

TIP ID: <b>5965</b>	Agency ID: <b>ARL0019</b>	Title: <b>Boundary Chanel Drive Modifications</b>	Complete:
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Facility:	Local	0/0/100	8,000 c		8,000
From:					<b>Total Funds: 8,000</b>
To:					

Description: This project involves modifications to the intersection of Boundary Channel Drive and Old Jefferson Davis Highway immediately off of the I-395/Boundary Channel Drive Interchange. The project is part of the County's Long Bridge Park redevelopment initiative which includes the construction of a large regional aquatic Center.

### Congestion Management Plan

TIP ID: <b>5541</b>	Agency ID: <b>86527</b>	Title: <b>NoVA GEC Mega Project Administration</b>	Complete: <b>2013</b>
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Facility:	AC	80/20/0	59,929 a		
From:	AC Conversion	100/0/0		1,167 c	1,167
To:	AC Conversion	80/20/0	1,500 a	1,500 a	3,000
	AC Conversion	90/10/0	8,697 a	397 a	19,692
			10,199 c	399 c	
	IM	90/10/0	8,700 a		
	NHS	80/20/0	51,830 a		
					<b>Total Funds: 23,859</b>

Description: Provide Project Administration for NoVA Mega Projects. This is a breakout of UPC 87396.



### I-395/ Seminary Road NEw reversible lane ramp

TIP ID: <b>6029</b>	Agency ID: <b>UPC# 96261</b>	Title: <b>I-395/ Seminary Rd Reversible lane ramp</b>	Complete:
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Facility: Seminary Road INTERchange	AC Conversion	90/10/0	463 a		12,500 c	12,500
From:			1,000 b			
To:			70,400 c			
	AC Conversion,	80/20/0	25,218 c	33,355 c	7,745 c	66,318
	IM	90/10/0	4,699 a			
						<b>Total Funds: 78,818</b>

Description:

**DRAFT**

**NORTHERN VIRGINIA  
TRANSPORTATION IMPROVEMENT PROGRAM  
CAPITAL COSTS (in \$1,000)**

Source		Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
<b>I-66 and US 29 Interchange, Widen and Construct US 29 and VA 55</b>										
TIP ID: 4794	Agency ID: 52326	Title: I-66 - Reconstruction of Interchange at Rte 29 (Gainesville) Phase IV							Complete: 2014	
Facility: I 66 Interchange	AC	80/20/0	1,086 a							
From: US 29 Virginia Oaks Drive Intersection			65,094 b							
To: 0.133 mile west of WB I-66			86,473 c							
	AC Conversion	80/20/0		1,086 a	5,636 c					38,572
				31,850 b						
	DEMO	100/0/0	214 c							
	Earmark	80/20/0	254 b							
			36,501 c							
	IM	90/10/0	11,267 c							
									<b>Total Funds:</b>	<b>38,572</b>

Description: Reconstruct the existing I-66/US 29 interchange in Gainesville. Reconstruction may include the addition of exclusive HOV access ramps within the interchange or in close proximity to the interchange.



Due to high traffic volumes, existing and projected traffic operational problems, and land use issues in the vicinity of the I-66/US 29 interchange; the design/evaluation of this interchange will include, but not necessarily be limited to, the following components:

- \* a grade separation of US 29 and the Southern Railroad tracks,
- \* an interchange between US 29/Relocated VA 55/Relocated VA 619 (Linton Hall Road),
- \* widening of US 29 to six lanes from the vicinity of Virginia Oaks Drive to the interchange,
- \* relocation/widening of VA 55 to four lanes from the vicinity of the Gainesville United Methodist Church to US 29,
- \* relocation/widening of VA 619 in the vicinity of US 29,
- \* a four-lane East-West Connector link bridging over I-66 between Route 29 (opposite Conway Robinson Memorial State Forest) to Route 674 (Wellington Road),
- \* improvements on US 29 north of the I-66 interchange between the interchange and the Connector Link.

**DRAFT**

**NORTHERN VIRGINIA  
TRANSPORTATION IMPROVEMENT PROGRAM  
CAPITAL COSTS (in \$1,000)**

		Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
<b>I-66 HOV &amp; SOV widening and reconstruction of Interchange at Rte 15</b>											
TIP ID: 5908	Agency ID: 93577	Title: I-66 HOV & General Purpose Widening fr. Rt 29 to Rt 15								Complete:	
Facility:	AC	80/20/0	6,693 b				4,333 c				4,333
From: ROute 29 Gainesville			126,391 c								
To: Route 15	AC Conversion	90/10/0		6,347 c	8,269 c	6,822 c	30,346 c	20,486 c			72,270
	AC Conversion.	80/20/0					26,974 c				26,974
	DEMO	80/20/0	238 a								
	IM	90/10/0	6,410 a				4,002 c				4,002
			8,318 c								
<b>Total Funds:</b>											<b>107,579</b>

Description: This project involves widening A 2.5 mile stretch of the existing four lanes of I-66 to eight lanes by adding one HOV lanes and one general purpose lane in each direction.

<b>I-66 Spot Improvements Inside the Beltway</b>											
TIP ID: 4303	Agency ID: 78828	Title: IDEA-66 SPOT Improvements Phase II								Complete: 2020	
Facility: I 66	Earmark	80/20/0	2,912 a	18,276 c							18,276
From: Sycamore St / Washington Blvd Exit			4,825 c								
To: Dulles Access Highway Ramp	IM	90/10/0	2,446 c								
	NHS	80/20/0	3,701 a	322 c							322
			819 c								
<b>Total Funds:</b>											<b>18,598</b>

Description: Construct Spot Improvement Phase II within cited limits.



<b>I-95 HOT/HOV Lanes Construction</b>											
TIP ID: 5963	Agency ID: T11635	Title: I-95 HOT/HOV Lanes Construction								Complete:	
Facility: I 95	PRIV	0/0/0	48,954 a	592,148 c							592,148
From: Garrisonville Road (Stafford COunty)											
To: I-395 one mile north of Edsall Road											
<b>Total Funds:</b>											<b>592,148</b>

Description: This project involves the construction of a HOV lane and conversion of all HOV lanes on I-95 between Garrisonville Road (Stafford County) and to a point on I-395 one mile north of Edsall Road.

**DRAFT**

**NORTHERN VIRGINIA  
TRANSPORTATION IMPROVEMENT PROGRAM  
CAPITAL COSTS (in \$1,000)**

		Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
<b>I-95 HOV/HOT Lanes Debt Service</b>											
TIP ID: 5964	Agency ID: T11619	Title: I-95 HOV/HOT Lanes Debt Service								Complete:	
Facility: I 95		AC Conversion	100/0/0		2,504 c	7,520 c	7,517 c	7,519 c			25,060
From: Garrisonville Road (Stafford COunty)		AC.	100/0/0	123,896 c							
To: King Street City of Alexandria											
										<b>Total Funds:</b>	<b>25,060</b>

Description: The project involves the construction of a HOV lane and conversion of all HOV lanes into Bus/HOV/HOT lanes on I-95 between Garrisonville ROad (Stafford County) to a point one mile north of Edsall Road.

<b>Reconstruction of I-66/ Rte. 15 Interchange</b>											
TIP ID: 5930	Agency ID: 100566	Title: Reconstruction of I-66/Rte. 15 Interchange								Complete:	
Facility: i-66		AC	90/10/0	5,000 b							
From: Rte. I-66/Rte 15 Interchange				45,383 c							
To:		AC Conversion.	90/10/0		10,000 c	20,000 c	20,383 c				50,383
		IM.	90/10/0	3,400 a							
										<b>Total Funds:</b>	<b>50,383</b>

Description:

<b>Transit Service Improvements</b>											
TIP ID: 4152	Agency ID: 81009	Title: I-66 Vienna Metrorail Accessibility and Capacity Improvements								Complete: 2014	
Facility: I 66		CMAQ	80/20/0			10,873 c					10,873
From: Transit Ramps- from EB & to WB		RSTP	80/20/0	3,500 a		2,105 c					2,105
To: @ Vaden Drive		STP	80/20/0	5 a		728 c					728
										<b>Total Funds:</b>	<b>13,706</b>

Description: Construction of a transit access ramp from I-66 to the Vaden Drive bridge, adjacent to the Vienna Metrorail Station. The proposed ramps would access Vaden Drive from the center of I-66 providing for bus access from the HOV/leftmost lane east bound and to the HOV/leftmost lane west bound.

# DRAFT

## NORTHERN VIRGINIA TRANSPORTATION IMPROVEMENT PROGRAM CAPITAL COSTS (in \$1,000)

Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total	
<b>WWB/I-95 Study, Construct, Rehabilitation</b>										
TIP ID: 4851 Agency ID: 64617		Title: I-95 - HOV Ramp Construction for WWB						Complete: 2011		
Facility: I 95	NHS	80/20/0			4,455 c				4,455	
From: Rte 1 Interchange										
To:										
Description: I-95 - HOV Ramp Construction for WWB										
project will not proceed forward as we are not providing HOV improvements for the WWB - Ronaldo T. "Nick" Nicholson 12-14-09										

<b>Primary</b>									6	
<b>Route 50 Paving Loudoun County</b>										
TIP ID: 5909 Agency ID: 97559		Title: Routwe 50 Paving Loudoun County						Complete:		
Facility:	EB/MG	80/20/0			402 a				4,020	
From: Route 50 W Corridor					3,618 c					
To: Route 50 W Corridor										
Description:										
									<b>Total Funds: 4,020</b>	

<b>Rte 28 Widening</b>										
TIP ID: 5923 Agency ID: 100481		Title: Widening of Rte 28						Complete:		
Facility: 28	AC	80/20/0	775 a							
From: 234 From Rte 234 Bypass	AC Conversion	80/20/0	700 a	60 a					60	
To: SCL of City of Manassas										
Description: Widening of Rte 28 (Nokesville Road( between the Rte 234 Bypass and SCL of City of Manassas.									<b>Total Funds: 60</b>	

<b>US 1 Construct 6-Lane divided roadway</b>										
TIP ID: 5490 Agency ID: PWC0013/ UPC# 100		Title: US 1 Construct 6-Lane divided roadway						Complete: 2020		
Facility: US 1	BD	0/0/100	4,403 b		2,014 c				2,014	
From: VA 638 Neabsco Mills Road / Blackburn Dd										
To: VA 636 Featherstone Rd										
Description: Design 6-lane divided roadway within the above limits. This project will help alleviate congestion on the existing transportation infrastructure (primarily Route 1 and some of the side streets and intersections) considering that Route 1 is a major thoroughfare within Prince William County. This roadway carries also traffic from Fairfax and Stafford Counties. Many segments of Route 1 currently perform below LOS D during peak periods as well as daily. This particular segment is no exception.										
									<b>Total Funds: 2,014</b>	

# DRAFT

## NORTHERN VIRGINIA TRANSPORTATION IMPROVEMENT PROGRAM CAPITAL COSTS (in \$1,000)

	Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
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### US 29 Improvements, City of Fairfax

TIP ID: **4025**      Agency ID: **16632**      Title: **Rte 29 - Lee Highway - Widen to 6 Lanes**      Complete: **2014**

Facility: US 29 Lee Highway	AC	100/0/0	5,785 c		5,042 c					5,042
From: VA 123 Chain Bridge Rd	DEMO	80/20/0	3,104 c		3,104 c					3,104
To: Eaton Place	Earmark	80/20/0	2,600 c		2,686 c					2,686
	EB/MG	80/20/0	2,844 c		513 c					513
	STP	80/20/0	84 b							

**Total Funds: 11,345**

Description: Widen the existing roadway to six lanes.



### US 50, Widen

TIP ID: **4637**      Agency ID: **68757**      Title: **US 50 - 6-Lane Widening**      Complete: **2014**

Facility: US 50	AC Conversion	80/20/0	6,313 a	8,198 a	9,701 a					20,270
From: VA 742 Poland Road			914 b		2,371 c					
To: VA 28			4,565 c							
	BD	0/100/0	34,779 c							

**Total Funds: 20,270**

Description: Improve capacity along the roadway. Traffic volumes have increased significantly due to new development along the Route 50 corridor. Widening will help relieve congestion and improve the safety and operation of the roadway.  
VP8c



### USMC Heritage Center Road Improvements

TIP ID: **5824**      Agency ID: **92999**      Title: **Rte 1 - Fuller Heights Rd/Fuller Rd Relocation Project**      Complete: **2011**

Facility: Fuller Road	BD	0/0/100	670 a		461 c					461
From: Rte 1/Rte 619 Intersection			149 b							
To: 0.2mi. SE from Rte 1	FLHP	100/0/0			2,659 c					2,659

**Total Funds: 3,120**

Description: Project relocates existing intersection of Fuller Heights Road with Fuller Road. Fuller Heights Road at Fuller Road will end in a cul-de-sac. Improve access to the USMC Quantico Marine Base, improve operations, capacity and level of service to Rt. 1 Jefferson Davis Hwy- Fuller Heights and Fuller Road intersections.



**DRAFT**

**NORTHERN VIRGINIA  
TRANSPORTATION IMPROVEMENT PROGRAM  
CAPITAL COSTS (in \$1,000)**

		Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
<b>VA 27, Reconstruct Interchange at VA 244</b>											
TIP ID: 4344	Agency ID: 13528	Title: VA 27 - Interchange Modifications								Complete: 2014	
Facility: VA 27 Washington Blvd Interchange	AC	80/20/0	3,638	a							
From: I 395 North of 0.31 mile			2,262	b							
To: VA 244 North of 0.29 mile	AC Conversion	80/20/0	5,866	a	2,760	a					4,375
			5,493	b	1,615	b					
	EB/MG	80/20/0	5,156	c							
											<b>Total Funds: 4,375</b>

Description: Rehabilitate Washington Blvd. Interchange (Rte 27 & 244). Rehabilitate the existing grade-separated Washington Boulevard Interchange at Columbia Pike to eliminate existing safety hazards and provide geometric improvements.

**VA 7, Widen, Upgrade**

TIP ID: 4681	Agency ID: 52327	Title: VA 7 Widen to 6 lanes								Complete: 2014	
Facility: VA 7	AC	80/20/0	1,037	b							
From: Rolling Holly Drive			19,247	c							
To: Reston Avenue	BD	0/0/100	703	a	1,831	c					1,831
			4,138	b							
			56,845	c							
	EB/MG	80/20/0	47	a							
											<b>Total Funds: 1,831</b>

Description: Widen to six lanes within the cited limits

**Secondary**

9

**Edwards Ferry Road at Route 15 Bypass Interchange**

TIP ID: 5479	Agency ID: LEES0001	Title: Edwards Ferry at Rt 15 Bypass Interchange								Complete: 2035	
Facility: 15 Rt 15 Bypass	Local	0/0/100	6,000	a	2,000	a	1,500	a			3,500
From:											
To: 773 Edwards Ferry Road											
											<b>Total Funds: 3,500</b>

Description: Construct interchange. The area surrounding the intersection between Edwards Ferry Road and RT 15 Bypass has experienced significant commercial growth during the past 15 years. As a result, volumes are beyond the capacity of the existing at-grade intersection, and the area routinely experience significant congestion and traffic delays. This project will develop a new grade-separated interchange, improve traffic flow and provide pedestrian access across RT 15 Bypass. The project is included the Town of Leesburg Capital Improvement Program and 2005 Town Plan. Construction will start in 2018 and be completed in 2020. Financing for this project will come from RSTP and/or local funding.



Project will be delayed until 2020 due to loss of NVTA funds. The project is part of the NHS.

**DRAFT**

**NORTHERN VIRGINIA  
TRANSPORTATION IMPROVEMENT PROGRAM  
CAPITAL COSTS (in \$1,000)**

Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total	
<b>Expanding Rolling Road/Franconia-Springfield Parkway/Fairfax County Parkway Ramp to two lanes (North)</b>										
TIP ID: 5924 Agency ID: 100391		Title: Rolling Road Loop Road						Complete:		
Facility: VA 638	AC Conversion	80/20/0	1,000 a	1,500 a					1,500	
From: 7100 Fairfax County Parkway									<b>Total Funds: 1,500</b>	
To: VA 638 Rolling Road										
Description: Expand to two lanes existing single-lane loop ramp in north-east quadrant of Rolling Road/Franconia-Springfield Pkwy/Fairfax County Pkwy.										

**Minnieville Road Construct 4-Lane Divided Roadway**

TIP ID: 5392 Agency ID: PWC0012 VSP5e		Title: Minnieville Road Construct 4-Lane Divided Roadway						Complete: 2020		
Facility: VA 640 Minnieville Road	BD	0/0/100	677 a	3,275 b	13,552 c				16,827	
From: VA 643 Spriggs Road									<b>Total Funds: 16,827</b>	
To: VA 234 Dumfries Road										
Description: Minnieville Road Construct 4-Lane Divided Roadway within cited limits. 										

**Prince William Parkway (3000)**

TIP ID: 5889 Agency ID: 90206		Title: Prince William Parkway Widening						Complete:		
Facility: BD	0/0/100	950 a	680 b	18,705 c					19,385	
From: Old Bridge Road	HSIP	90/10/0	281 b							
To: Minnieville Road			421 c							
	REVSH	0/50/50	6,500 c						<b>Total Funds: 19,385</b>	
Description: 										

**Prince William Parkway Construct 6-Lane Divided Roadway**

TIP ID: 5391 Agency ID: PWC0008		Title: Prince William Parkway Construct 6-Lane Divided Roadway						Complete: 2020		
Facility: VA 3000 Prince William Parkway	BD	0/0/100	1,950 a	2,000 b					2,000	
From: VA 641 Old Bridge Road			2,500 b							
To: VA 640 Minnieville Road	REVSH	0/50/50		13,510 c					13,510	
<b>Total Funds: 15,510</b>										
Description: Prince William Parkway Construct 6-Lane Divided Roadway within cited limits. 										

# DRAFT

## NORTHERN VIRGINIA TRANSPORTATION IMPROVEMENT PROGRAM CAPITAL COSTS (in \$1,000)

		Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
<b>Purcell Road: Realignment &amp; Added capacity, Safety Improvement</b>											
TIP ID: 5890	Agency ID: 90499	Title: Purcell Rd Realignment & added capacity								Complete:	
Facility:	AC	100/0/0	761	c							
From: Rte 234	EB/MG	80/20/0	20	c							
To: 0.3 Mi East of Vista Brooke Drive	HSIP	90/10/0	617	c							
	Local	0/0/100				735	c				735
	RSTP	80/20/0	124	a							
			935	b							
			1,162	c							
	STP	80/20/0	702	c							
<b>Total Funds:</b>											<b>735</b>

Description:

<b>Rollins Ford Road Widening</b>											
TIP ID: 5366	Agency ID: 90226 T6494	Title: Rollins Ford Road								Complete: 2016	
Facility: Rollins Ford Road	BD	0/0/100	1,346	a	10,762	c					10,762
From: VA 215 Vint Hill Road			4,583	b							
To: Songsparrow/Yellow Hammer Drive											
<b>Total Funds:</b>											<b>10,762</b>

Description: Project would extend the existing 4-lane facility from Vint Hill Road to Songsparrow/Yellow Hammer Drive with a 16 foot raised median and bike trail accommodations. 

<b>VA 840 University Boulevard Construct and Widen</b>											
TIP ID: 4877	Agency ID: 94194	Title: University Blvd.								Complete: 2014	
Facility: VA 840 University Blvd.	BD	0/0/100	1,140	a	11,150	c					11,150
From: VA 1566 Sudley Manor Dr.			9,350	b							
To: VA 3000 Prince William Parkway											
<b>Total Funds:</b>											<b>11,150</b>

Description: Construct 4-lane divided road between Sudley Manor and Hornbaker, reconstruct intersection at Prine William Parkway without adding through lanes/capacity 

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**NORTHERN VIRGINIA  
TRANSPORTATION IMPROVEMENT PROGRAM  
CAPITAL COSTS (in \$1,000)**

Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total	
<b>Bridge</b>									6	
<b>Construction: Bridge Rehabilitation/Replacement/Reconstruction</b>										
TIP ID: 5503	Agency ID: TIPGRP001	Title: Construction: Bridge Rehabilitation/Replacement/Reconstruction							Complete:	
Facility: District-wide Bridges	AC	80/20/0		10,688	c				10,688	
From:	AC Conversion	80/20/0	464	b	1,251	b	203	b	7,391	
To:						5,473	c			
	BR	80/20/0	160	a					3,066	
			1,149	b						
			1,757	c						
	EB/MG	80/20/0	243	b	553	c			796	
	NHS	80/20/0	2,628	b					2,628	
	STP	80/20/0	27	b	229	c			256	
<b>Total Funds:</b>									<b>24,825</b>	

Description: TIP Grouping project for Construction: Bridge Rehabilitation/Replacement/Reconstruction. See CLRP for the derivation of STIP Grouping and how they are part of the TIP. See item 17 under CLRP form for this STIP Group to see individual projects within STIP Group.

**TIP Grouping for Preventive Maintenance for Bridges**

TIP ID: 5525	Agency ID: TIPGRP006	Title: TIP Grouping for Preventive Maintenance for Bridges							Complete:		
Facility: Bridges	BR	80/20/0	281,601	c	52,580	c	67,177	c	65,943	c	185,700
From: NoVA District											<b>Total Funds: 185,700</b>
To:											

Description: TIP Grouping for Preventive Maintenance for Bridges. See CLRP for the derivation of STIP Grouping and how they are part of TIP. See item 17 on the CLRP sheet for listing of individual projects within this STIP Group.

**Enhancement****TIP Grouping project for Construction: Transportation Enhancement Byway Non-Traditional**

TIP ID: 5523	Agency ID: TIPGRP004	Title: TIP Grouping project for Construction: Transportation Enhancement Byway Non-Traditi							Complete:	
Facility: Transportation Enhancement Byway Non-Traditional pr	BD	0/0/100		3,687	c	1,432	c		5,119	
From: NoVA District	CMAQ	80/20/0		1,575	c				1,575	
To:	RSTP	80/20/0		150	c				150	
<b>Total Funds:</b>									<b>6,844</b>	

Description: TIP Grouping project for Construction: Transportation Enhancement Byway Non-Traditional. See CLRP for the derivation of STIP Grouping and how they are part of the TIP. See item 17 on CLRP form to see individual projects within this STIP Group.

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**NORTHERN VIRGINIA  
TRANSPORTATION IMPROVEMENT PROGRAM  
CAPITAL COSTS (in \$1,000)**

Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
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**ITS** 13

**TIP Grouping project for Maintenance: Traffic and Safety Operations**

TIP ID: **5526**    Agency ID: **TIPGRP007**    Title: **TIP Grouping project for Maintenance: Traffic and Safety Operations**    Complete:

Facility: Traffic and Safety Operations	ARRA	100/0/0	5 a						
From: NoVA District			1,567 c						
To:	EB/MG	80/20/0	7,945 c	8,144 c	8,348 c	8,556 c			25,048
	NHS	80/20/0	147,372 c	13,178 c	13,507 c	13,845 c			40,530
	STP	80/20/0	23,847 c	5,314 c	5,446 c	5,583 c			16,343
	<b>Total Funds:</b>								<b>81,921</b>

Description: TIP Grouping project for Maintenance: Traffic and Safety Operations. See CLRP for the derivation of STIP Grouping and how they are part of TIP. See item 17 under CLRP form for the individuals projects within this STIP Grouping.

**Other** 13

**BRAC/Economic Development**

TIP ID: **5768**    Agency ID: **81738**    Title: **BRAC -Economic Development**    Complete:

Facility:	AC Conversion	90/10/0	3,262 a	454 a	400 a				854
From:	IM	90/10/0		536 a					536
To:	NHS	80/20/0	163 a						
	<b>Total Funds:</b>								<b>1,390</b>

Description: Program is to finance BRAC State Administration.



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**NORTHERN VIRGINIA  
TRANSPORTATION IMPROVEMENT PROGRAM  
CAPITAL COSTS (in \$1,000)**

Source		Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total	
<b>TIP Grouping project for Construction: Safety/ITS/Operational Improvements</b>											
TIP ID: 5506		Agency ID: TIPGRP003		Title: TIP Grouping project for Construction: Safety/ITS/Operational Improvements						Complete:	
Facility:	Safety/ITS/Operational Projects		AC	80/20/0	1,375	c				1,375	
From:	Districtwide		AC Conversion	80/20/0	500	a	2,346	c	2,346	c	7,691
To:					2,499	c					
			BD	0/0/100	109	b				109	
			CMAQ	80/20/0	550	c	96	c		646	
			EB/MG	80/20/0	4,819	c				4,819	
			HES/STP	80/20/0	708	c				708	
			HSIP	90/10/0	84	b	769	c	34	c	3,539
					2,652	c					
			RSTP	80/20/0	3,168	b		8,589	c	13,225	
					1,468	c					
			STP	80/20/0	3,417	c	2,655	c	2,695	c	8,767
<b>Total Funds:</b>										<b>40,879</b>	

Description: TIP Grouping project for Construction: Safety/ITS/Operational Improvements. See Appendix A for specific projects and UPC information.

<b>Maintenance</b>											
<b>Replace bridge over NS Railway</b>											
TIP ID: 5888		Agency ID: 90519		Title: Replace Bridge over Norfolk Southern Railway						Complete:	
Facility:	646 Aden Road		BR	80/20/0	0	a	757	c		757	
From:					165	b					
To:			STP	80/20/0			1,320	c		1,320	
<b>Total Funds:</b>										<b>2,077</b>	

Description:

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**NORTHERN VIRGINIA  
TRANSPORTATION IMPROVEMENT PROGRAM  
CAPITAL COSTS (in \$1,000)**

Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total	
<b>TIP Grouping project for Preventive Maintenance and System Preservation</b>										
TIP ID: 5524	Agency ID: TIPGRP005	Title: TIP Grouping project for Preventive Maintenance and System Preservation						Complete:		
Facility: Preventive Maintenance and System Preservation facilities	EB/MG	100/0/0	35,570 c	36,501 c	36,170 c				108,241	
From: NoVA District	IM	100/0/0	28,171 c	30,595 c	43,017 c				101,783	
To:	NHS	100/0/0	37,922 c	43,171 c	55,735 c				136,828	
	STP	100/0/0	33,655 c	33,677 c	34,410 c				101,742	
<b>Total Funds:</b>									<b>448,594</b>	

Description: This listing covers a number of projects/programs throughout Northern Virginia District. The nature/scope of these projects are Preventive Maintenance and System Preservation. These projects have been determined to be exempt from conformity requirements and are eligible for a Categorical Exclusion (CE) under NEPA and hence may be grouped as per April 9, 2008 MOA between FHWA, FTA, VDOT & VDRPT which was subsequently adopted by the NCR-TPB. Title of the various projects included in this group as of April 1, 2011 is attached to the CLRP form under item 17.

<b>Transit</b>									5	
<b>Columbia Pike Street Cars</b>										
TIP ID: 5409	Agency ID: ARL0016	Title: Reconstruct Columbia Pike for Streetcar						Complete: 2016		
Facility: Columbia Pike Corridor	Local	0/0/100	4,700 a	4,000 a	6,000 a				10,000	
From: Skyline Center	State/DC	0/100/0	1,200 a							
To: Pentagon City										
<b>Total Funds:</b>									<b>10,000</b>	

Description: Joint project between Arlington and Fairfax County to provide a 4.7 mile street car transit corridor.

<b>Construction of Park &amp; Ride LOT I-95/PW County Parkway Telegraph Road Lot</b>										
TIP ID: 5928	Agency ID: 87984	Title: Telegraph Road Park and Ride LOT						Complete:		
Facility: Telegraph Road	AC	80/20/0	4,654 c							
From:	AC Conversion	80/20/0		500 c	3,254 c				3,754	
To:	CMAQ	80/20/0	3,035 c							
<b>Total Funds:</b>									<b>3,754</b>	

Description: Build 400-500 space Park and Ride LOT on Telegraph Road adjacent to I-95 Horner Road Park Road LOT.

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**NORTHERN VIRGINIA  
TRANSPORTATION IMPROVEMENT PROGRAM  
CAPITAL COSTS (in \$1,000)**

		Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
<b>CSX RF &amp; P Rail Corridor Third Track</b>											
TIP ID: 5931	Agency ID: VRE0017	Title: CSX RF & P Rail Corridor Third Track								Complete:	
Facility:		Section 5307	80/14/6	4,000 c	4,000 c						4,000
From: CFP 55.7 Hamilton Interlocking (HA)		Section 5309	80/14/6	1,100 a							
To: CFP 53 VRE Crossroad Yard (XR)				800 c							
		State/Local	0/70/30		4,003 c						4,003
		STP	70/0/30	6,217 c	212 c						212
										<b>Total Funds:</b>	<b>8,215</b>

Description: This project will construct 2.5 miles of third mainline track and associated infrastructure on the CSX RF & P rail corridor.

<b>Dulles Corridor Metrorail Extension Phase II</b>												
TIP ID: 5901	Agency ID: 97226	Title: Dulles Corridor Metrorail Extension Phase II								Complete:		
Facility: VA 267 Dulles Toll Road		BD	0/100/0	4,500 c	4,500 c	4,160 c	3,000 c				11,660	
From:											<b>Total Funds:</b>	<b>11,660</b>
To:												
Description:												

<b>Dulles Corridor Metrorail Project</b>											
TIP ID: 4364	Agency ID: DUL0001 VP2L	Title: Dulles Corridor Metrorail Project - Phase 1								Complete: 2014	
Facility:		Local	0/0/100	##### c	143,030 c						143,030
From: East Falls Church Metrorail Station		Section 5309-NS	100/0/0	539,022 c	96,000 c	96,000 c	91,718 c				283,718
To: Wiehle Avenue		State/DC	0/100/0	176,700 c							
		STP	100/0/0	92,841 c							
		TD	0/100/0	240,866 c							
										<b>Total Funds:</b>	<b>426,748</b>

Description: Perform engineering, design, and construction of the Dulles Corridor Metrorail Project (Phase 1), which will extend the Metrorail system in Fairfax County, through Tysons Corner to Wiehle Avenue. Funding sources may include Section 5309 funds, as well as Section 5307 to be obligated through a transfer of STP from FHWA to FTA. Includes right of way acquisition, construction of 5 new stations in Fairfax County, utility relocation, and improvements to Route 7, purchase of rail vehicles, and financing costs. Includes funding for roadway reconfiguration and improvements being conducted concurrently with the Metrorail project. Toll funding includes debt service for bonds.



# DRAFT

## NORTHERN VIRGINIA TRANSPORTATION IMPROVEMENT PROGRAM CAPITAL COSTS (in \$1,000)

	Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
<b>TIP ID: 4272    Agency ID: DUL0002    Title: Dulles Corridor Metrorail Project - Phase 2    Complete: 2016</b>										
Facility:	Local	0/0/100	485,970 c	628,900 c	857,222 c	950,000 c	524,608 c			2,960,730
From: Wiehle Avenue					2					
To: VA 772	State/DC	0/100/0	23,300 c							
	TD	0/0/100	106,122 c	131,100 c	92,778 c					223,878
	<b>Total Funds: 3,184,608</b>									

Description: Continue the extension of the Metrorail system for another 11.5 miles to Route 772 in Loudoun County with additional stations at Reston Parkway, Monroe Street (Herndon), VA 28, Dulles Airport and VA 606. Direct access will be provided to Dulles Airport terminal.

### Eisenhower Metrorail Station

<b>TIP ID: 6028    Agency ID: T1835/ALEX0004    Title: Eisenhower Metrorail Station    Complete:</b>										
Facility: Eisenhower Metrorail Station	PRIV	0/0/0			150 c	200 c				350
From: Eisenhower Ave. and Swamp Fox Rd	Section 5309	80/20/0	##### c							
To:	<b>Total Funds: 350</b>									

Description: This project will fund the rebuilding of the bus loop and plaza surrounding the Eisenhower Metrorail station to improve transit services and to be consistent with surrounding land uses.

### Loudoun County Park and Ride Lots, Construct

<b>TIP ID: 4216    Agency ID: 79679    Title: Loudoun County Park-and-Ride Lot (Lowes Island)    Complete: 2016</b>										
Facility: Park and Ride Lot	AC Conversion	80/20/0		22 c	23 c	24 c				69
From: Lowes Island	AC.	80/20/0	118 c							
To:	CMAQ	80/20/0	27 c							
	<b>Total Funds: 69</b>									

Description: Lease commuter parking spaces at Great Falls Plaza

This lot is served by the County's Commuter Bus Service. This project will enable funding for several years while a permanent, non-leased site is located.

### Paratransit Vehicles

<b>TIP ID: 5906    Agency ID: AGPW001    Title: Paratransit vehicles    Complete:</b>										
Facility:	Section 5310	80/0/20	390 c	90 c	90 c	90 c				270
From:	<b>Total Funds: 270</b>									
To:										
Description:										

# DRAFT

## NORTHERN VIRGINIA TRANSPORTATION IMPROVEMENT PROGRAM CAPITAL COSTS (in \$1,000)

		Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
<b>TIP ID: 5905</b>	<b>Agency ID: ECHO001</b>	<b>Title: Paratransit vehicles</b>								<b>Complete: 2013</b>	
Facility:		Section 5310	80/0/20	195 c		60 c	60 c				120
From:											<b>Total Funds: 120</b>
To:											
Description:											

### Park-and-Ride Lots

<b>TIP ID: 4683</b>	<b>Agency ID: T1120</b>	<b>Title: Park-and-Ride Lot</b>								<b>Complete: 2013</b>	
Facility:	Springfield Park and Ride Lot	CMAQ	80/20/0	7,500 c	500 d						500
From:	Springfield CBD										<b>Total Funds: 500</b>
To:	vic. I-95 & Old Keene Mill Road										
Description:	This project includes the design, land acquisition, and construction of a park-and-ride / multi-modal transportation facility in the vicinity of the I-95 interchange with Old Keene Mill Road in Springfield. 										

### PRTC - Bus Acquisition / Replacement Program

<b>TIP ID: 4506</b>	<b>Agency ID: PRTC0005</b>	<b>Title: PRTC - Bus Acquisition / Replacement Program</b>								<b>Complete: 2040</b>	
Facility:	PRTC - Bus Acquisition	CMAQ	80/20/0	3,000 c							
From:	NOVA Districtwide	Section 5309	80/20/0		1,965 c	2,024 c	2,085 c				6,074
To:		Section 5309.	80/10/10	7,495 c				2,148 c	2,148 c	2,148 c	6,444
											<b>Total Funds: 12,518</b>

Description: Enhancement and / or replacement of existing buses within the PRTC fleet.

### PRTC - Capital Cost of Contracting

<b>TIP ID: 5601</b>	<b>Agency ID: PRTC0004</b>	<b>Title: PRT - Preventative Maintenance</b>								<b>Complete: 2040</b>	
Facility:		Section 5307	80/20/0	13,818 c	3,581 c	3,775 c	3,906 c	6,458 c	6,705 c	6,767 c	31,192
From:											<b>Total Funds: 31,192</b>
To:											
Description:	Maintenance of the Omniride and Omnilink services.										

# DRAFT

## NORTHERN VIRGINIA TRANSPORTATION IMPROVEMENT PROGRAM CAPITAL COSTS (in \$1,000)

Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total	
<b>PRTC - Rehabilitate / Rebuild OmniRide Buses</b>										
TIP ID: 5540 Agency ID: PRTC0003		Title: PRTC - Rehabilitate / Rebuild OmniRide Buses						Complete: 2015		
Facility: OmniRide Buses	Section 5309-B	80/20/0	7,899 c	8,549 c					8,549	
From: Prince William County	STP	80/20/0	227 c							
To:									<b>Total Funds: 8,549</b>	

Description: Overhaul MCI buses in order to lengthen the bus useful life and rebuild several poer trains/bus engines.

<b>PRTC Bus Shelter Programs</b>										
TIP ID: 5304 Agency ID: PRTC0001		Title: PRTC Bus Shelter Program						Complete: 2040		
Facility: Bus Shelters	Section 5307	80/20/0	142 a	39 a	40 a	41 a	42 a	42 a	246	
From: Prince William, Manassas, Manassas Park									<b>Total Funds: 246</b>	
To:										

Description: Installation of bus shelters, pads, benches and access improvements.



<b>PRTC Security Enhancements</b>										
TIP ID: 5707 Agency ID: PRTC0006		Title: PRTC Security Enhancements						Complete: 2040		
Facility: PRTC Transit Center	Section 5307	80/20/0	142 c			42 c	42 c	42 c	126	
From:	STP	80/20/0	250 c						<b>Total Funds: 126</b>	
To:										

Description: Ongoing  
Improves safety and security at the PRTC Transit Center. Grantees must certify that at least 1% of Formula funding received each fiscal year is being used for transit security projects. Projects include cameras, additional lighting, drills, communications systems, facility access, System Safety Security Plan, etc.

<b>VRE - Administration / Studies / Training</b>										
TIP ID: 4802 Agency ID: VRE0002		Title: Fare Collection System/Comm. Improvements						Complete: 2030		
Facility:	Section 5307	80/20/0	802 c							
From: Systemwide	Section 5309	80/20/0	960 c	1,800 c					1,800	
To:									<b>Total Funds: 1,800</b>	

Description: Ongoing maintenance of the fare collection equipment and the next generation of fare equipment. Fare Collection III

# DRAFT

## NORTHERN VIRGINIA TRANSPORTATION IMPROVEMENT PROGRAM CAPITAL COSTS (in \$1,000)

	Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
<b>TIP ID: 4277</b>	<b>Agency ID: VRE0003</b>		<b>Title: Security Enhancements Systemwide</b>							<b>Complete: 2040</b>
Facility:	Section 5307	80/20/0	400 c	100 c	100 c	100 c	100 c	100 c	100 c	600
From: Systemwide										<b>Total Funds: 600</b>
To:										

Description: Grantees must certify that at least 1% of 5307 funding received each fiscal year is being used for transit security projects

<b>TIP ID: 4489</b>	<b>Agency ID: VRE0008</b>		<b>Title: Grant and Project Management</b>							<b>Complete: 2030</b>
Facility: System Wide	Section 5307	80/20/0	1,250 a	450 a	475 a	500 a	525 a	550 a	500 a	3,000
From: Northern Virginia	Section 5309	80/20/0	1,154 a	353 a	365 a	373 a	380 a	387 a	400 a	2,258
To:										<b>Total Funds: 5,258</b>

Description: The costs of grants and project management, as well as staff participation in federal grants management seminars, will be capitalized to the grants, reserving operating funds for service provision.

### VRE - Rolling Stock Acquisition

<b>TIP ID: 4818</b>	<b>Agency ID: VRE0001</b>		<b>Title: Rolling Stock Modifications and Overhauls</b>							<b>Complete: 2040</b>
Facility:	Section 5307	80/20/0		50 c	50 c	50 c	50 c	50 c	50 c	300
From: Systemwide	Section 5307	80/16/4	3,354 c				50 c			50
To:	Section 5309	80/20/0						1,500 c		1,500
	Section 5309	80/16/4	117 c	519 c						519
	State/Local	0/80/20	6,500 c							
										<b>Total Funds: 2,369</b>

Description: Technological developments and safety mandates from the Federal Railroad Administration (FRA), may require ongoing improvements to the VRE fleet. Projects that bring VRE into compliance with future federal mandates will be given the highest funding priority.

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**NORTHERN VIRGINIA  
TRANSPORTATION IMPROVEMENT PROGRAM  
CAPITAL COSTS (in \$1,000)**

		Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total	
<b>TIP ID: 4534</b>		<b>Agency ID: VRE0009</b>		<b>Title: Rolling Stock Acquisition</b>							<b>Complete: 2040</b>	
Facility:	VRE Rolling Stock	Earmark	80/20/0	11,088 c								
From:	Systemwide	RSTP	80/20/0	3,750 c								
To:		Section 5307	80/20/0		3,574 c		5,478 c	2,641 c	3,214 c		14,907	
		Section 5307.	80/16/4	25,844 c		7,456 c					7,456	
		Section 5309-FG	80/20/0		5,135 c	6,500 c		5,383 c	5,697 c	13,247 c	35,962	
		Section 5309-FG.	80/16/4	25,895 c			6,510 c				6,510	
		STP	80/20/0	20,925 c								
											<b>Total Funds: 64,835</b>	

Description: VRE has purchased from Sumitomo 11 cab cars (base order), 50 cab and trailers (option order) and an additional 10 cars. In addition, VRE has contracted with Motive Power for 25 locomotives and will be adding additional as funding becomes available. This project includes funding plus a new procurement of upto 42 railcars. for debt service of the rolling stock, spec development and construction oversight.

**VRE - Stations and Facilities**

		<b>Title: VRE Stations and Facilities</b>							<b>Complete: 2040</b>		
Facility:	VRE Stations and Facilities	Section 5307	80/20/0	887 c				100 c	400 c	500	
From:	Districtwide	Section 5309	80/20/0	760 c				250 c	300 c	550	
To:											
											<b>Total Funds: 1,050</b>

Description: Involves the addition of second platforms, canopy and platform extensions, replacement of signage and other related improvements at various VRE stations in order to keep the stations in good repair. This work will be done at various stations including Fredericksburg, Leeland Road, Brooke, Manassas, Manassas Park, Woodbridge, Rippon, Rolling Road, Broad Run, Burke and other stations to be determined.



**VRE - Tracks and Storage Yards**

		<b>Title: Storage Yards Improvements</b>							<b>Complete: 2030</b>		
Facility:		Section 5307	80/20/0				5,261 c	4,636 c		9,897	
From:	Systemwide	Section 5307.	80/10/10	2,430 c	376 c	469 c	2,422 c			3,267	
To:		Section 5309	80/20/0				2,087 c	416 c		2,503	
		Section 5309.	80/10/10	2,261 c	262 c	685 c	1,067 c			2,014	
											<b>Total Funds: 17,681</b>

Description: As additional cars are added to accommodate ridership demand, storage yards and maintenance facilities must be obtained and/or upgraded. Improvements to the yards and maintenance facilities will allow additional maintenance to be performed by VRE contractors and additional vehicles to be stored.

**DRAFT**

NORTHERN VIRGINIA  
 TRANSPORTATION IMPROVEMENT PROGRAM  
 CAPITAL COSTS (in \$1,000)

Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
<b>VRE Track Lease Improvements</b>									
TIP ID: 5489 Agency ID: VRE0012		Title: VRE Track Lease Improvements						Complete: 2040	

Facility: VRE Track	STP	80/10/10	41,317 c	14,000 c	14,560 c	15,142 c	15,748 c	16,378 c	17,033 c	92,861
From: NoVA and District of Columbia										<b>Total Funds: 92,861</b>
To:										

Description: Provides capitalized access fees in the form of long term and related capital improvements on the railroad systems that VRE operates on railroad systems owned by Amtrak, CSX, and Norfolk Southern.

## Appendix A: Grouping of Projects in Northern Virginia TIP

Grouping of projects allows flexibility and reduces paperwork for programming minor projects. For air quality non-attainment/maintenance areas, only those projects that are exempt from conformity requirements may be grouped. Projects eligible for a Categorical Exclusion (CE) may be grouped by function, work type, and/or geographic area. If a project cannot qualify for a CE or be considered exempt from air quality conformity, then it must be individually listed.

In the previous pages there are TIP group listings for projects administered by the Federal Highway Administration and the Federal Transit Administration, each with seven TIP project groupings. This appendix lists the projects with their estimated cost that could be programmed in each group.

Pages	Grouping	Title
V-25	<b>Bridge Rehabilitation/Replacement/Reconstruction (CN)</b> -	Includes bridge construction projects such as: bridge or drainage structure rehabilitation, reconstruction or replacement when said work is on or adjacent to the same alignment.
V-26	<b>Fail (CN)</b> -	Includes projects for rail/highway grade crossing improvements, regardless of funding source. Examples include: improvements to warning devices, crossing surfaces, construction of grade separation to replace existing at-grade railroad crossings at the same location.
V-26	<b>Safety/ITS/Operational Improvements (CN)</b> -	Group would include safety improvement projects such as: those qualifying for HES/HSIP funding, shoulder improvements, increasing sight distance, traffic control devices, guardrails, median barriers, pavement resurfacing/rehabilitation, pavement marking, fencing, lighting improvements, intersection channelization signalization reconfiguration projects, traffic calming, improvements to crossovers or clear zones, addition/extension of turn lanes, extension of acceleration/deceleration lanes, drainage improvements, etc. Group would also include reconstruction or widening on or adjacent to same alignment, improvements to and modernization of rest areas, toll facilities, and weigh stations; ITS activities; or traffic operations improvement projects; etc.
V-49	<b>Transportation Enhancement Byway Other Non-traditional Transportation Projects (CN)</b> -	Includes projects with scopes of work eligible for funding under the transportation enhancement program national scenic byway programs, regardless of funding source. Examples include: construction of interpretive pull-offs and overlooks; rehabilitation/restoration/reconstruction of historic buildings; tourist and welcome centers; transportation museums; pedestrian/bicycle facilities; parking facilities; wildflower plantings.

- V-50 ~~XXXXXX~~ **Preventive Maintenance and System Preservation (MT)** - Includes the following example of eligible work: Area wide programs for cleaning of drainage facilities, corrosion protection activities, and highway sign face cleaning; Any corrective, restorative, resurfacing, or rehabilitative/reconstruction of highway pavement which extends the service life of the pavement; Retrofitting of dowel bars; and Shoulder pulling and wedging for pavement edge drop-off mitigation.
- V-50 ~~XXXXXX~~ **Preventive Maintenance for Bridges (MT)** - Includes the eligible bridge activities outlined in the December 20, 2005 memorandum (i.e. seal/replace/reconstruction of joints, deck overlays, painting, cathodic protection, debris removal, retrofit of fracture critical members and fatigue prone details, and some concrete repairs). Includes bridge safety inspections.
- V-50 **Traffic and Safety Operations (MT)** - Includes signs, traffic signals, pavement markings and markers, guardrail, replacement/preventive maintenance of roadway lighting, maintenance replacement upgrade of traffic calming devices, etc.
- V-51 ~~XXXXXX~~ **Transit Access** - Bicycle and pedestrian facilities
- V-51 ~~XXXXXX~~ **Transit Amenities** - Construction of small passenger shelters and information kiosks; plantings, landscaping, fencing, lighting improvements, sign removal, etc.
- V-52 ~~XXXXXX~~ **Transit Engineering** - Engineering to assess social, economic, and environmental effects of proposed action or alternatives
- V-53 ~~XXXXXX~~ **Transit Rail ROW Improvements** - Construction or renovation of power, signal, and communications systems, the rehabilitation of track structures, track, and trackbed in existing rights-of-way, and railroad/highway crossing projects.
- V-53 ~~XXXXXX~~ **Transit Ridesharing** - Continuation of ride-sharing and van-pooling promotion activities at current levels
- V-54 ~~XXXXXX~~ **Transit System Preservation** - Operating assistance to transit agencies and the purchase of office, shop, and operating equipment for existing facilities. Includes preventative maintenance and non-fixed route ADA paratransit service
- V-54 ~~XXXXXX~~ **Transit Vehicles** - Purchase/lease of new buses and rail cars to replace existing vehicles or for minor expansions of the fleet; rehabilitation of transit vehicles; and the purchase of support vehicles. Also includes the purchase of operating equipment for vehicles (e.g. radios, fareboxes, lifts, etc.).

## Northern Virginia MPO

### Construction : Bridge Rehabilitation/Replacement/Reconstruction

	System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Interstate	17071	Alexandria	0095		\$154,824,730
			RTE 95 - SECURING OF CONSULTANT		
			FROM: MANAGEMENT, COORDINATION, SCHEDULING, ADMINISTRATION TO: AND COMMUNITY RELATIONS AT WOODROW WILSON BRIDGE		
Primary	82135	Fairfax County	0007		\$1,316,188
			MAJOR BRIDGE REHABILITATION		
			FROM: DECK REPLACEMENT & WIDENING; SUPERSTRUCTURE & SUBSTRUCTURE TO: REPAIRS - LEESBURG PIKE		
Primary	82131	Arlington County	0027		\$20,013,667
			MAJOR BRIDGE REHABILITATION ON WASHINGTON BLVD/RT 27 @RT 110		
			FROM: DECK REPLACEMENT, SUPERSTRUCTURE & SUBSTRUCTURE REPAIR TO: ON WASHINGTON BLVD		
Primary	77322	Fairfax County	0029		\$14,246,448
			RTE 29 - BRIDGE REPLACEMENT OVER LITTLE ROCKY RUN		
			FROM: 0.2 MILE EAST OF PICKWICK ROAD TO: UNION MILL ROAD (0.3850 MI)		
Primary	18860	Arlington County	GLEBE ROAD (0120)		\$7,169,622
			BRIDGE REPLACEMENT @ GLEBE RD/RT 120 & RT 50 IN ARLINGTON CO		
			FROM: 0.07 MILES SOUTH ROUTE 50 TO: 0.06 MILES NORTH ROUTE 50 (0.1300 MI)		
Primary	93805	Arlington County	GLEBE ROAD (0120)		\$8,439,102
			GLEBE RD/RT 120 & RT 50 Bridge - Interchange Improv		
			FROM: .14 Miles South Route 50 TO: .08 Miles North Route 50 (0.2200 MI)		
Primary	92567	Fairfax County	CHAIN BRIDGE ROAD (0123)		\$1,072,709
			Bridge Repairs/Rehab and Overlay, Rte 123 SB over I-66		
			FROM: 00.57 mile from Rte 655 TO: 00.67 mile to Rte 29/50 (0.1000 MI)		
Primary	82132	Arlington County	0236		\$68,305
			MAJOR BRIDGE REHABILITATION		
			FROM: DECK REPLACEMENT; SUPERSTRUCTURE & SUBSTRUCTURE REPAIRS TO: ON DUKE STREET		
Secondary	82180	Arlington County	0000		\$4,078,495
			BRIDGE REHAB, DECK REPLACE, SUPER & SUBSTRUCTURE REPAIR		
Secondary	95636	Arlington County	CARLIN SPRINGS ROAD		\$845,000
			Bridge Rehabilitation Carlin Springs Road at Geo Mason Dr.		
			FROM: Carlin Springs Road TO: George Mason Dr		
Secondary	84385	Fairfax County	BEACH MILL ROAD (0603)		\$1,251,529
			BEACH MILL ROAD - RTE 603 - BR. OVER NICHOLS BRANCH		
			FROM: 0.55 MI W. OF RTE 674 (SPRINGVALE RD) TO: 0.45 MI W. OF RTE 674 (SPRINGVALE RD) (0.1000 MI)		
Secondary	82213	Fairfax County	BEULAH ROAD (0702)		\$581,571
			RTE 702 BRIDGE REHAB - SCOUR COUNTERMEASURE		
			BRIDGE REHAB OVER WOLF TRAP RUN (0.5000 MI)		
Secondary	82215	Fairfax County	COMPTON ROAD (0658)		\$158,950
			COMPTON RD. - RTE. 658 - BRIDGE REHAB. OVER LITTLE ROCKY RUN		
			FROM: 0.12mi W INT Rte 8361 TO: 0.06mi E INT Rte 8617 (0.1100 MI)		

**Northern Virginia MPO****Construction : Bridge Rehabilitation/Replacement/Reconstruction**

	System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Secondary	76247	Fairfax County	TOWLSTON ROAD (0676)		\$433,828
			TOWLSTON RD - RT 676 - REPLACE BRIDGE OVER ROCKY RUN		
			FROM: BRIDGE REPLACEMENT OVER ROCKY RUN TO: (0.15 MILE FROM ROUTE 738) STRUCTURE # 6137 (0.2000 MI)		
Secondary	87728	Fairfax County	TWIN LAKES DRIVE (3546)		\$1,331,567
			TWIN LAKES DR BRIDGE REHABILITATION OVER JOHNNY MOORE CREEK		
			FROM: 0.43mi From Rte 645 TO: 0.46mi To Rte 659 (0.1700 MI)		
Secondary	84383	Fairfax County	WALKER ROAD (0681)		\$2,766,708
			WALKER RD - RTE 681 - REPLACE BRIDGE OVER PINEY RUN		
			FROM: 0.3 Mi. N of Route 743 (Colvin Run Road) TO: 0.4 Mi N of Route 743 (Colvin Run Road) (0.1000 MI)		
Secondary	82214	Fairfax County	WALNEY ROAD (0657)		\$7,000,000
			WALNEY RD - RT 657 - BRIDGE REHAB OVER FLATLICK BRANCH		
			FROM: 0.42mi S INT Rte 6215 TO: 0.03mi N INT Rte 6755 (0.1000 MI)		
Secondary	92704	Loudoun County	0000		\$1,107,329
			ARRA DB Superstructure Replacement Loudoun		
			FROM: 0 TO: 0		
Secondary	99678	Loudoun County	FOREST MILLS RD (0727)		\$800,000
			Bridge Replace. Forest Mills Road Over Trib. of Crooked Run		
			FROM: 0.00 TO: 0.00		
Secondary	5238	Loudoun County	SNICKERSVILLE TN (0734)		\$2,663,192
			RTE 734 - REHABILITATION OF EXISTING BRIDGE		
			FROM: 0.015 MILE SOUTH BEAVERDAM CREEK TO: 0.015 MILE NORTH BEAVERDAM CREEK		
Urban	57067	Alexandria	MONROE AVENUE (0001)		\$38,120
			RTE 1 - BRIDGE REPLACEMENT		
			BRIDGE OVER CSXT & PROPOSED MAIN STREET (0.4500 MI)		
Urban	89891	Fairfax	CHAIN BRIDGE ROAD (0123)		\$3,389,533
			Chain Bridge Road (Rte. 123) Bridge replacement		
			FROM: Meadow Bridge Lane TO: Kenmore Drive		
Urban	17689	Manassas	NOKESVILLE ROAD (0028)		\$22,385,705
			BUILD INTERCHANGE-RT 28/WELLINGTON RD&ELIMINATE @GRADE XING		
			FROM: 0.252 MILE WEST ROUTE 674 (WELLINGTON ROAD) TO: 0.251 MILE EAST ROUTE 674 (WELLINGTON ROAD) (0.5030 MI)		
Construction : Bridge Rehabilitation/Replacement/Reconstruction Total					\$255,982,298

**Construction : Rail**

	System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Secondary	81072	Prince William County	RIXLEW LANE (0668)		\$313,000
			RTE 668 - INSTALL NO RIGHT TURN ADVANCED FLASHER		
			FROM: ON WELLINGTON TO BE INTERCONNECTED WITH RAILROAD SIGNAL TO: 209 FEET NORTH OF ROUTE 674 DOT #714-356G		
Construction : Rail Total					\$313,000

**Northern Virginia MPO****Construction : Safety/ITS/Operational Improvements**

	System	UPC Jurisdiction / Name / Description	Street(Route)	Estimate
Interstate	80089	Multi-jurisdictional: Northern Virginia MPO Metro Area Transportation Operations Coord. (MATOC) Program FROM: A REGIONAL TRANSPORTATION AND COORDINATION AND TO: COMMUNICATION PROGRAM - METROPOLITAN WASHINGTON, DC		\$1,489,452
Interstate	52724	Northern Virginia District-wide COMMUTER CONNECTIONS & ENDZONE PARTNERS GUARANTEED RIDE HOME		\$1,067,000
Interstate	52725	Northern Virginia District-wide CLEAN AIR PARTNERS (FORMERLY ENDZONE REGIONAL PUBLIC EDUCATION CAMPAIGN)		\$2,655,720
Interstate	52726	Northern Virginia District-wide COMMUTER CONNECTIONS OPERATION CENTER		\$4,366,659
Interstate	61247	Northern Virginia District-wide STC SYSTEM MAINTENANCE / INTEGRATION FROM: OpenTMS / ASSIST SYSTEMS ADMN, MAINTENANCE, AND INTEGRATION TO: @ PSTOC AND THROUGHOUT THE NORTHERN REGION		\$12,000,000
Interstate	70638	Northern Virginia District-wide NOVA INTERSTATE DISTRICTWIDE GUARDRAIL VARIOUS ROUTES		\$0
Interstate	70654	Northern Virginia District-wide NOVA INTERSTATE SIGNAL DISTRICTWIDE VARIOUS ROUTES		\$0
Interstate	70656	Northern Virginia District-wide NOVA INTERSTATE SIGNS DISTRICTWIDE VARIOUS ROUTES		\$0
Interstate	72835	Northern Virginia District-wide HOV LANE ENFORCEMENT DISTRICTWIDE		\$2,700,000
Interstate	82668	Northern Virginia District-wide PSTOC (SOFTWARE & HARDWARE) TRANSITION PLANNING		\$1,630,000
Interstate	84570	Northern Virginia District-wide RTES 95 & 395 PAVING OVERLAY AT VARIOUS LOCATIONS ON I-95 AND I-395 VARIOUS LOCATIONS		\$4,499,808
Interstate	87396	Northern Virginia District-wide REGION TRANSP MGMT PLAN (MULTIPLE PROJECTS-NOT FULLY FUNDED) FROM: Congestion Management Plan TO: Congestion Management Plan		\$49,523,412
Interstate	86487	Northern Virginia District-wide 0000 UPDATE & HARMONIZE ITS MASTER PLAN w/ OTHER MASTER PLANS		\$41,728

## Northern Virginia MPO

### Construction : Safety/ITS/Operational Improvements

	System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Interstate	89757	Northern Virginia District-wide	0000		\$197,550
			INSTALL AUXILIARY POWER SUPPLY & SURGE PROTECTION		
			FROM: Interstate System in Northern Region TO: Interstate System in Northern Region		
Interstate	89759	Northern Virginia District-wide	0000		\$250,000
			Sign Inventory Plan Development		
Interstate	89760	Northern Virginia District-wide	0000		\$13,088
			Interstate Guardrail Design and Survey		
Interstate	90446	Northern Virginia District-wide	0000		\$396,628
			Tyson Corner 511 Project		
			FROM: Tysons Corner TO: Tysons Corner		
Interstate	56996	Arlington County	0066		\$1,668,128
			RTE 66 - IMPLEMENT IDEA - 66 STUDY RECOMMENDATIONS		
			FROM: ROSSLYN TUNNEL TO: DULLES AIRPORT ACCESS ROAD (6.5000 MI)		
Interstate	81321	Fairfax County	0066		\$619,093
			RTE 66 - IMPROVE HORIZONTAL ALIGNMENT		
			FROM: NUTLEY STREET TO: ROUTE 243		
Interstate	84743	Fairfax County	0066		\$2,500,000
			I-66 Pvm. Rehabilitation - Surveys & Concept Development		
			FROM: I495 (Capital Beltway) TO: Rte 50		
Interstate	89579	Fairfax County	I66 (0066)		\$5,644,496
			Conc. Pvm. Repairs - WB I-66 & Ramp to WB Rte 50		
			FROM: WBL I-66 at Jermantown Rd overpass TO: Western terminus ramp to WBL Rte 50		
Interstate	89880	Fairfax County	0066		\$430,356
			I-66 ITS UPGRADE / INSTALLATION, US 50 to I-495		
			FROM: US 50 TO: I-495 (7.0000 MI)		
Interstate	90113	Fairfax County	0066		\$1,000,000
			DMS Upgrade, Phase IA - ITS Northern Region (Interstate)		
			FROM: I-495 (Capital Beltway) TO: Arlington County Line		
Interstate	93512	Fairfax County	0066		\$726
			Horizontal Alignment Close Ramp Spurs I-66		
			at Route 28 ramp termini		
Interstate	96105	Fairfax County	I-66 (0066)		\$20,066,412
			ARRA - I66 Pavement		
			FROM: Rte 50 TO: I495 (5.6000 MI)		
Interstate	97216	Fairfax County	I-66 (0066)		\$49,933,588
			ARRA-C I66 Pavement		
			FROM: Rte 50 TO: I-495 (5.6000 MI)		
Interstate	97383	Fairfax County	INTERSTATE 66 (0066)		\$165,524
			Upgrade Signal Hardware at Rte 7 and I-66 EB Off-Ramp		
			FROM: EB Off-Ramp I-66 TO: Rte 7 Leesburg Pike		

**Northern Virginia MPO****Construction : Safety/ITS/Operational Improvements**

	System	UPC Jurisdiction / Name / Description	Street(Route)	Estimate
Interstate	97586	Multi-jurisdictional: Northern Virginia MPO I-66 MULTI MODAL STUDY FROM: Interstate 66 (DC Line) TO: Interstate 495 (Capital Beltway) (16.5000 MI)	0066	\$4,000,000
Interstate	16629	Northern Virginia District-wide RTE 66 - TRAFFIC MANAGEMENT SYSTEM - FAIRFAX & ARLINGTON FROM: ROUTE 495 TO: DISTRICT OF COLUMBIA	0066	\$3,121,949
Interstate	89666	Northern Virginia District-wide I-66 Gore Areas Upgrade of Pavement Markings FROM: US 15 TO: Rte 110 in Arlington Co.	I-66 (0066)	\$211,617
Interstate	16623	Prince William County RTE 66 - ROADWAY LIGHTING FROM: ROUTE 234 TO: FAIRFAX COUNTY LINE	0066	\$6,894,802
Interstate	92243	Prince William County I-66 Rumble Strip Installation, Fauquier Co Line to VA 28 FROM: Fauquier County Line TO: VA 28 (22.0000 MI)	I-66 (0066)	\$173,339
Interstate	50430	Alexandria RTE 95 - GEOTECHNICAL STUDIES FROM: WOODROW WILSON MEMORIAL BRIDGE TO: (N504-WICK DRAIN TEST EMBANKMENT)	0095	\$267,742
Interstate	56914	Alexandria RTE 95 - HIGHWAY ADVISORY RADIO WOODROW WILSON BRIDGE	0095	\$108,239
Interstate	56915	Fairfax County RTE 95 - HIGHWAY ADVISORY RADIO FROM: SPRINGFIELD TO: VAN DORN	0095	\$100,589
Interstate	77261	Fairfax County RTE 95 - EXTEND DECELERATION LANE FOR HOV RAMP FROM: 1500 FEET SOUTH OF THE NEWINGTON FLYOVER OFF-RAMP TO: FLYOVER OFF-RAMP (0.5300 MI)	0095	\$866,409
Interstate	90159	Fairfax County SPRINGFIELD INTERCHANGE (0095) I-95 Interchange Improvements Phase VIII Support HOV Roadways Between Routes i-95/I-395/I-495 (1.3000 MI)	SPRINGFIELD INTERCHANGE (0095)	\$6,500,000
Interstate	73246	Northern Virginia District-wide RTE 95 - CONGESTION MANAGEMENT TDM & TRANSIT	0095	\$2,608,533
Interstate	77627	Northern Virginia District-wide RTE 95 - BELTWAY MOBILITY STUDY (W/MARYLAND) SUPPORTING SERV FROM: I-95/I-495/I-395 INTERCHANGE TO: MARYLAND ROUTE 5	0095	\$1,125,065
Interstate	87381	Northern Virginia District-wide NRO - ITS Device Migration to an IP-Based Network	0095	\$1,274,644

## Northern Virginia MPO

### Construction : Safety/ITS/Operational Improvements

	System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Interstate	89664	Northern Virginia District-wide	0095		\$109,827
			I-95 Gore Areas Upgrade of Pavement Markings		
			FROM: Russell Road TO: Route 123		
Interstate	77260	Prince William County	0095		\$416,545
			RTE 95-EXTEND ACCEL/DECEL LANE FOR HOV RAMP @ HORNER RD P&R		
			FROM: P W PARKWAY RAMP TO: 3000 FEET NORTH +/- PW PARKWAY RAMP (0.5700 MI)		
Interstate	94105	Prince William County	I-95 (0095)		\$5,269,587
			I-95 Left Shoulder Upgrade Prince William		
			FROM: South Prince William County Line TO: North Prince William County Line		
Interstate	96745	Prince William County	I-95 NORTHBOUND (0095)		\$1,215,452
			I-95 NB @ MP 153 Horizontal Alignment, Shoulder, GR & Lights		
			FROM: I-95 NB MP 153.85 TO: I-95 NB MP 153.56 (0.2900 MI)		
Interstate	96749	Prince William County	I-95 SOUTHBOUND (0095)		\$1,180,243
			I-95 SB @ MP 158 Horizontal Alignment, Shoulder & Guardrail.		
			FROM: I-95 SB MP 153.77 TO: I-95 SB MP153.53 (0.2400 MI)		
Interstate	16004	Arlington County	0395		\$1,037,533
			RTE 395 - STUDY FOR SAFETY & TRAFFIC ON NB LANES - PE ONLY		
			FROM: BOUNDARY DRIVE TO: WASHINGTON D.C. LINE		
Interstate	58433	Arlington County	0395		\$1,160,793
			RTE I-395 - GUIDE SIGNS		
			FROM: 0.5 MILE SOUTH ROUTE 27 TO: WCL DISTRICT OF COLUMBIA (2.0300 MI)		
Interstate	69132	Arlington County	0395		\$1,944,000
			RTE 395 - INCIDENT MANAGEMENT		
			FROM: 14TH STREET BRIDGE TO: VA 7 / ALEXANDRIA CITY LIMITS		
Interstate	77262	Arlington County	0395		\$2,700,000
			RTE 395 - WIDEN HOV Off Ramp to 2 lanes		
			FROM: NB Off Ramp TO: EADS STREET (0.2000 MI)		
Interstate	89663	Northern Virginia District-wide	0395		\$110,659
			I-395 Gore Areas Upgrade of Pavement Markings		
			FROM: Rte 648 in Fairfax County TO: George Washington Parkway		
Interstate	89657	Northern Virginia District-wide	0495		\$8,756
			I-495 Gore Areas Upgrade of Pavement Markings		
			at Rte 613		
Interstate	70651	Northern Virginia District-wide	IRM0		\$0
			INTERSTATE PAVEMENT MARKINGS & MARKERS		
			DISTRICTWIDE VARIOUS ROUTES		
Miscellaneous	13555	Arlington County			\$3,038,000
			HIGHWAY SIGNALIZATION		
			FROM: ARLINGTON COUNTYWIDE - TO: ON NH SYSTEM		

## Northern Virginia MPO

### Construction : Safety/ITS/Operational Improvements

	System	UPC Jurisdiction / Name / Description	Street(Route)	Estimate
Miscellaneous	70506	Arlington County BUS SHELTERS/SAFETY ENHANCEMENTS		\$610,000
Miscellaneous	79276	Arlington County GROUNDING OF SIGNAL SYSTEM VARIOUS LOCATION IN ARLINGTON COUNTY		\$6,772
Miscellaneous	84327	Arlington County COLUMBIA PIKE Bus Information Technology Deployment - Columbia Pike FROM: Fairfax County Line TO: Washington Blvd (3.6100 MI)		\$500,000
Miscellaneous	87493	Arlington County Transportation System Management & Communications Plant Upgr Countywide		\$1,000,000
Miscellaneous	94213	Arlington County ARMY NAVY DRIVE Arlington Shared-Use Path Connections FROM: Army Navy Drive @ Country Club Access Rd TO: Army Navy Drive @ 12th Street Intersection (1.0000 MI)		\$210,263
Miscellaneous	94591	Arlington County COUNTY WIDE ARRA TSM and Communications Plant Upgrade - PH 1 FROM: County Wide TO: County Wide		\$4,193,476
Miscellaneous	94652	Arlington County COUNTY WIDE (APPROX. 100 SIGNALS IN PHASE 2) TSM Fiber Optic Plant Upgrades - PH2A Construction FROM: County Wide TO: County Wide		\$9,453,112
Miscellaneous	95559	Arlington County COUNTYWIDE ARRA-C TSM and Communications Plant Upgrade - PH 1 FROM: Countywide TO: Countywide		\$475,617
Miscellaneous	97613	Arlington County VARIOUS Arlington Bus Shelter Contract Various Sites - Ph2 10 Bus Shelter Sites		\$190,000
Miscellaneous	89133	Fairfax County Design and Install Bus Shelters - Annual Contract FY08/09 Purchase & Installation of Bus Shelters at Various Locations		\$610,000
Miscellaneous	63606	Loudoun County PURCHASE & INSTALLATION OF BUS SHELTERS AT VARIOUS LOCATIONS (LEESBURG)		\$20,000
Miscellaneous	17272	Northern Virginia District-wide ITS PROJECT - TRAVELER INFORMATION SYSTEM FROM: NORTHERN VA DISTRICTWIDE TO: AND WASHINGTON METRO AREA		\$8,756,155
Miscellaneous	70498	Northern Virginia District-wide ALTERNATIVE FUELS PROGRAM		\$0

## Northern Virginia MPO

### Construction : Safety/ITS/Operational Improvements

	System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Miscellaneous	70625	Northern Virginia District-wide	ARLINGTON COUNTY TRAFFIC SIGNAL OPTIMIZATION FROM: Arlington County Wide TO: Arlington County Wide		\$1,163,000
Miscellaneous	70752	Northern Virginia District-wide	NORTHERN VIRGINIA VANPOOL INCENTIVES PROGRAM REGIONWIDE		\$914,000
Miscellaneous	72659	Northern Virginia District-wide	DMS Travel Time FROM: NoVA Interstate System TO: NoVA Interstate System		\$536,595
Miscellaneous	78792	Northern Virginia District-wide	Retrofit / Upgrade of Overhead Signs / Structures on the NHS VARIOUS LOCATIONS - DISTRICTWIDE		\$4,122,441
Miscellaneous	81509	Statewide	PROJECTS IMPROVEMENTS GRANTS FOR SRTS PROGRAM  Funding identified to be obligated statewide as projects are identified		\$0
Miscellaneous	76235	Northern Virginia District-wide	NVTA - 2020 PLAN UPDATE		\$1,000,000
Miscellaneous	97909	Fairfax County	0000 Public Safety Announcement Points (PSAP) Fairfax County Northern Region		\$83,108
Miscellaneous	94638	Loudoun County	0000 ARRA - Loudoun Misc.LED Signals/Ped Countdowns/Power Sources FROM: LOUDOUN COUNTY WIDE TO: LOUDOUN COUNTY WIDE		\$470,463
Miscellaneous	94640	Loudoun County	0000 ARRA - Loudoun Misc. Install UPS for Major Signals FROM: LOUDOUN COUNTY WIDE TO: LOUDOUN COUNTY WIDE		\$1,022,809
Miscellaneous	81410	Northern Virginia District-wide	0000 DISTRICTWIDE ROADWAY SAFETY ASSESSMENT - NOVA DISTRICT FY07 HSIP PROJECT		\$1,516,538
Miscellaneous	81411	Northern Virginia District-wide	0000 DISTRICTWIDE RUMBLE STRIPS - NOVA DISTRICT FY07 HSIP PROJECT		\$0
Miscellaneous	81412	Northern Virginia District-wide	0000 DISTRICTWIDE SHOULDER IMPROVEMENT - NOVA DISTRICT FY07 HSIP PROJECT		\$0
Miscellaneous	81414	Northern Virginia District-wide	0000 DISTRICTWIDE TRAFFIC SIGNALS AND ITS - NOVA DISTRICT FY07 HSIP PROJECT		\$0

## Northern Virginia MPO

### Construction : Safety/ITS/Operational Improvements

	System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Miscellaneous	86659	Northern Virginia District-wide	0000		\$0
			HSIP District-wide High Risk Rural Roads Northern Virginia		
			Northern Virginia High Risk Rural Roads Safety Improvements		
Miscellaneous	92634	Northern Virginia District-wide	0000		\$1,630,830
			REPLACE TRAFFIC SIGNAL BULBS w/ LED MODULES		
			Federal-Eligible Routes District-wide		
Miscellaneous	92635	Northern Virginia District-wide	0000		\$3,681,166
			REBUILD 5 EXISTING TRAFFIC SIGNALS AT OR NEAR LIFE CYCLE END		
			FROM: ALL SYSTEMS - NOVA DISTRICTWIDE TO: ALL SYSTEMS - STAFFORD, SPOTSY, & KING GEO COUNTIES		
Miscellaneous	93174	Statewide	0000		\$225,000
			SafetyAnalyst Project		
			FROM: various TO: various		
Miscellaneous	85357	Fairfax County	0029		\$237
			Bicycle Racks, Lockers and Associated amenities		
			FROM: Bicycle amenities throughout Fairfax County TO: Bicycle amenities throughout Fairfax County		
Miscellaneous	90829	Fairfax County	COLUMBIA PIKE TRAIL IMPROVEMENTS (0244)		\$733,976
			Columbia Pike Trail - Holmes Run to Powell Lane		
			FROM: Holmes Run Stream Valley Park TO: Powell Lane (0.2500 MI)		
Miscellaneous	86516	Prince William County	0643		\$1,588
			Install Proper Superelevation and Drainage		
			Install Proper Superelevation and Drainage		
Miscellaneous	70632	Fairfax County	SOAPSTONE DRIVE (4720)		\$1,450,000
			TRAILS PROJECTS AT VARIOUS LOCATIONS		
			FROM: South Lakes Drive TO: Glade Drive (0.5000 MI)		
Miscellaneous	86628	Fairfax County	9999		\$0
			HSIP Proactive Safety Projects Fairfax County		
			FROM: County Wide Safety Improvements TO: County Wide		
Miscellaneous	86688	Loudoun County	COUNTY WIDE SAFETY IMPROVEMENTS (9999)		\$0
			HSIP Proactive Safety Projects County of Loudoun		
			County Wide Safety Improvements		
Miscellaneous	T6527	Northern Virginia District-wide	9999		\$0
			HSIP NoVA Districtwide		
			Various locations		
Miscellaneous	86627	Prince William County	9999		\$0
			HSIP Proactive Safety Projects Prince William County		
			FROM: Various Locations in Prince William County Safety Improvem TO: Various Locations in Prince William County		
Miscellaneous	70595	Fairfax County	BS00		\$1,200,000
			PEDESTRIAN/BUS STOP/TRAILS IMPROVEMENTS		
			FROM: Misc Bike, Ped, & Bus improvements in Ffx Co. TO: Misc Bike, Ped, & Bus improvements in Ffx Co.		

**Northern Virginia MPO****Construction : Safety/ITS/Operational Improvements**

	System	UPC Jurisdiction / Name / Description	Street(Route)	Estimate
Miscellaneous	70602	Northern Virginia District-wide CONGESTION RELIEF PROJ - EXTEND EXISTING DOUBLE LTL'S TYTRAN INTERSECTIONS	CRPT	\$196,667
Primary	17845	Arlington County TRAFFIC SIGNAL SYSTEM STUDY - PE ONLY ARLINGTON COUNTYWIDE		\$374,396
Primary	58602	Arlington County TRAFFIC MONITOR CAMERA INSTALLATION FROM: INSTALL 25 TRAFFIC MONITORING CAMERAS FOR ENHANCED INCIDENT TO: MANAGEMENT AT VARIOUS LOCATIONS		\$518,116
Primary	52472	Fairfax County ACCOTINK GATEWAY CONNECTOR TRAIL FROM: KING ARTHUR DRIVE TO: WAKEFIELD PARK		\$9,184
Primary	70601	Fairfax County CONGESTION RELIEF PROJECT - INTERSECTION IMPROVEMENTS		\$1,675,000
Primary	77281	Fairfax County CONSTRUCT SECOND LEFT-TURN LANE ON EXIT RAMP FROM: I-66 EB EXIT RAMP TO WB RTE 7 TO: WB ROUTE 7		\$124,902
Primary	77591	Fairfax County LAND ACQUISITION FOR PEDESTRIAN TRAIL OVER GEORGE WASHINGTON MEMORIAL PARKWAY		\$992,000
Primary	13453	Northern Virginia District-wide CONSTRUCTION OF NORTHERN VA DISTRICTWIDE TRAFFIC SIGNAL SYS FROM: NORTHERN VA DISTRICTWIDE TO: VARIOUS LOCATIONS		\$25,212,127
Primary	63607	Northern Virginia District-wide NOVA AIR QUALITY & CONGESTION MITIGATION PROG (STATE MATCH) FUTURE OPERATING FUNDS, MARKETING AND ADMINISTRATIVE FUNDS		\$0
Primary	70670	Northern Virginia District-wide NOVA PRIMARY TECHNOLOGY DISTRICTWIDE FROM: VARIOUS ROUTES TO: MISC. FUNDS MONITORING		\$0
Primary	77184	Northern Virginia District-wide NOVA SIGNAL TIMING OPTIMIZATION & SYSTEM OPERATIONS NORTHERN VIRGINIA DISTRICTWIDE		\$13,838,796
Primary	78210	Northern Virginia District-wide NORTHERN VIRGINIA TERMS FROM: FUNDING FOR TRANSPORTATION EMISSION REDUCTION MEASURES FOR TO: NORTHERN VIRGINIA REGION		\$26,626,544
Primary	80438	Northern Virginia District-wide INSTALLATION OF CLOSED CIRCUIT TELEVISION VARIOUS LOCATIONS IN TYSONS CORNER		\$445,601

## Northern Virginia MPO

### Construction : Safety/ITS/Operational Improvements

	System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Primary	50612		Northern Virginia District-wide M-47 INTEGRATED RIDESHARING REGIONWIDE		\$609,991
Primary	50613		Northern Virginia District-wide M-92 METROPOLITAN WASHINGTON TELEWORK RESOURCE CENTER REGIONWIDE		\$2,435,472
Primary	50614		Northern Virginia District-wide M-47C EMPLOYER OUTREACH REGIONWIDE		\$2,544,071
Primary	50615		Northern Virginia District-wide M-47C REGIONAL GUARANTEED RIDE HOME PROGRAM REGIONWIDE		\$3,621,812
Primary	50616		Northern Virginia District-wide M-70B EMPLOYER OUTREACH FOR BICYCLING REGIONWIDE		\$31,174
Primary	50619		Northern Virginia District-wide NORTHERN VIRGINIA HOV MARKETING & MONITORING REGIONWIDE		\$2,562,918
Primary	92633		Northern Virginia District-wide 0000 NEW & UPGRADE GUARDRAIL INSTALLATION (FY07-10 HSIP FUNDS) FROM: DISTRICTWIDE - PRIMARY SYSTEM TO: DISTRICTWIDE - PRIMARY SYSTEM		\$2,555,709
Primary	72898		Arlington County 0001 RTE 1 -BUS RAPID TRANSIT RELATD IMPR(BUS STOP SHLTRS,TRF SIG FROM: ALEXANDRIA CORPORATE LIMITS TO: PENTAGON (1.8000 MI)		\$1,946,000
Primary	67772		Fairfax County 0001 RTE 1 - INSTALL CROSSWALKS - PE Only FROM: ROUTE 7100 TO: ROUTE 1332 (HUNTINGTON AVENUE)		\$1,408,118
Primary	86511		Fairfax County RICHMOND HIGHWAY (0001) Install Overhead Pedestrian Warning Signs w/ Flashing Beacon FROM: Highland Lane TO: Frye Road (0.1000 MI)		\$111,423
Primary	89866		Fairfax County JEFFERSON DAVIS HIGHWAY (0001) Traffic Signal Upgrade to LED's & Install UPS FROM: Prince William County Line TO: Fairfax County Line		\$396,609
Primary	90204		Fairfax County RICHMOND HIGHWAY (0001) Install Roadway Lighting on Richmond Highway FROM: Engleside St TO: Brevard Ct		\$452,378
Primary	90205		Fairfax County RICHMOND HIGHWAY (0001) Install Roadway Lighting on Richmond Highway FROM: Dawn Drive TO: Shields Ave		\$365,514

## Northern Virginia MPO

### Construction : Safety/ITS/Operational Improvements

	System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Primary	90254	Fairfax County	RICHMOND HIGHWAY (0001)		\$265,790
			Install Roadway Lighting on Richmond Highway		
			FROM: Janna Lee Rt 1202 TO: Ladson Lane Rt 921		
Primary	94225	Fairfax County	RICHMOND HIGHWAY (0001)		\$110,569
			Bike and Ped Safety at Richmond Hwy and Gunston Road		
			FROM: SR 242 Gunston Rd TO: Rt 600 Gunston Cove		
Primary	94856	Fairfax County	RICHMOND HIGHWAY (0001)		\$585
			Upgrade Existing Signal at Richmond Hwy and Backlick Rd		
			FROM: Richmond Hwy (Rte 1) TO: Backlick Road ( Rte 617)		
Primary	94862	Fairfax County	RICHMOND HIGHWAY (0001)		\$300,000
			Upgrade Existing Signal at Richmond Hwy and Memorial St		
			FROM: Richmond Highway TO: Memorial Street		
Primary	94867	Fairfax County	RICHMOND HWY (0001)		\$253,445
			Upgrade Existing Signal at Richmond Hwy and Ladson Lane		
			FROM: Richmond Hwy (Rt 1) TO: Ladson Lane (Rt 921)		
Primary	98427	Fairfax County	US 1 RICHMOND HIGHWAY (0001)		\$300,943
			Upgrade Signal and Ped Facilities on US 1 at Rt 630		
			FROM: SR 630 Quander Road/Fairhaven Avenue TO: SR 630 Quander Road/Fairhaven Avenue		
Primary	89658	Northern Virginia District-wide	0001		\$141,420
			Retrofit US 1 (Caroline-Fairfax) w/ Centerline Rumble Strip		
			FROM: Caroline County Line TO: Fairfax County Line		
Primary	81322	Prince William County	JEFFERSON DAVIS HIGHWAY (0001)		\$188,600
			RTE 1 - CONSTRUCT SIDEWALK		
			FROM: ROUTE 1194 (CHERRY HILL ROAD) TO: CHESAPEAKE DRIVE		
Primary	82203	Prince William County	0001		\$306,029
			CONSTRUCT NEW TRAFFIC SIGNAL ON ROUTE 1 @ BEL AIR VILLAGE		
			AT INTERSECTION		
Primary	92999	Prince William County	JEFFERSON DAVIS HWY/FULLER HEIGHTS/FULLER ROAD (0001)		\$7,605,465
			Rt.1-Fuller Heights Road-Fuller Road relocation proje.		
			FROM: Intersection Improvements at Rt. 1 /Rt. 619 TO: Intersection Improvements at Rt. 1/Rt. 619 (0.2000 MI)		
Primary	95502	Prince William County	JEFFERSON DAVIS HIGHWAY (0001)		\$339,732
			Widen Shoulder & Install Sholuder Rumble Strip SB Rt 1		
			FROM: Vantage Dr TO: Vantage Dr (0.0600 MI)		
Primary	72103	Fairfax County	0007		\$702,405
			RTE 7 - SPOT IMPROVEMENTS		
			FROM: 0.1 MILE EAST MAGARITY ROAD TO: MAGARITY ROAD (0.1600 MI)		
Primary	82202	Fairfax County	0007		\$221,663
			NEW TRAFFIC SIGNAL INSTALLATION AT ROUTE 7 & COLVIN RUN/DELT		
			AT INTERSECTION		

## Northern Virginia MPO

### Construction : Safety/ITS/Operational Improvements

	System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Primary	86273	Fairfax County	LEESBURG PIKE (0007)		\$90,720
			Left Turn Lane Extension Eastbound Rte 7 at Delt Glen		
			FROM: .3 mi west of rte 743 (west) TO: intersection rte 743 (west) (0.3000 MI)		
Primary	90210	Fairfax County	LEESBURG PIKE (0007)		\$121,838
			Install Roadway Lighting on Leesburg Pike		
			at Glen Carlyn Drive		
Primary	98430	Fairfax County	LEESBURG PIKE (0007)		\$300,943
			Upgrade Signal and Ped Facilities at SR 7 and SR 743		
			FROM: Leesburg Pike TO: Colvin Run/ Carpers Farm		
Primary	94859	Loudoun County	HARRY BRYD HWY (0007)		\$300,000
			Upgrade Existing Signal at Harry Bryd Hwy and Sterling Blvd		
			FROM: Harry Bryd Hwy TO: Sterling Boulevard		
Primary	98436	Loudoun County	BUS 7 MAIN STREET (0007)		\$300,943
			Upgrd Sgnl+Ped Xing @ BUS 7 Main St & SR 722 Maple St		
			FROM: SR 722 Maple Street TO: SR 722 Maple Street		
Primary	73136	Northern Virginia District-wide	0007		\$458,912
			RTE 7 - INTELLIGENT TRANSPORTATION SYSTEM		
			FROM: LEESBURG TO: TYSONS CORNER		
Primary	70587	Loudoun County	CHARLES TOWN PIKE (0009)		\$19,300,062
			TOWN OF HILLSBORO TRAFFIC CALMING MEASURES IN LOUDOUN COUNTY		
			FROM: 0.1 Mi. N Rte. 719, Stony Point Rd TO: 0.1 Mi. S. Rte. 690, Hillsboro Rd (0.6500 MI)		
Primary	70634	Loudoun County	0009		\$576,839
			RTE 9 - TRUCK ENFORCEMENT AREA		
			FROM: 0.25 MILE EAST ROUTE 751 (CIDER MILL ROAD) TO: 0.65 MILE WEST ROUTE 719 (STONY POINT ROAD) (0.1000 MI)		
Primary	86523	Loudoun County	CHARLES TOWN PIKE (0009)		\$50,000
			Install Guardrail		
			FROM: .5 mile west of Sagle Road, Route 687 TO: .1 mile west of Sagle Road, Route 687 (0.4000 MI)		
Primary	94950	Loudoun County	CHARLES TOWN PIKE (0009)		\$154,000
			Install Centerline Rumble Strips		
			FROM: West Virginia State Line TO: Route 7 (13.1000 MI)		
Primary	52533	Loudoun County	JAMES MONROE HWY (0015)		\$968,616
			RTE 15 - SAFETY IMPROVEMENTS		
			FROM: WHITE'S FERRY ROAD TO: 0.25 MILE NORTH LUCKETT'S ROAD (4.6500 MI)		
Primary	52534	Loudoun County	0015		\$969,872
			RTE 15 - SAFETY IMPROVEMENTS		
			FROM: 0.2 MILES SOUTH LOVETTSVILLE ROAD TO: MARYLAND STATE LINE (0.3000 MI)		
Primary	68759	Loudoun County	0015		\$3,751
			RTE 15 - SAFETY IMPROVEMENTS		
			FROM: 0.1 MILE NORTH ROUTE 655 (WHITES FERRY ROAD) TO: 0.2 MILE SOUTH ROUTE 662 (LUCKETT'S ROAD) (4.1000 MI)		

## Northern Virginia MPO

### Construction : Safety/ITS/Operational Improvements

	System	UPC Jurisdiction / Name / Description	Street(Route)	Estimate
Primary	68760	Loudoun County	0015	\$12,323,659
		VILLAGE OF LUCKETTS - SAFETY IMPROVEMENTS IN LOUDOUN COUNTY		
		FROM: 0.39 MILE SOUTH LUCKETTS RD/STUMPTOWN RD (RTE 662) TO: 0.23 MILE NORTH LUCKETTS RD/STUMPTOWN RD (RTE 662) (0.6200 MI)		
Primary	81323	Loudoun County	0015	\$17,073
		RTE 15 - CONSTRUCT BICYCLE/PEDESTRIAN FACILITY		
		FROM: WHITES FERRY ROAD (ROUTE 655) TO: LEESBURG TOWN LIMITS		
Primary	89661	Northern Virginia District-wide	0015	\$171,429
		Retrofit US 15 (SR 721-SR 657) with Centerline Rumble Strip		
		FROM: SR 721 in Orange County TO: SR 657 in Loudoun County		
Primary	71287	Fairfax County	ROUTE 28 (0028)	\$586,134
		RTE 28 -REALIGNMENT WB RGHT TRN LNE & SIGNALIZE INTERSECTION		
		FROM: AT NEW BRADDOCK ROAD (ROUTE 7783) TO: At Route 28 (0.0800 MI)		
Primary	86333	Fairfax County	CENTREVILLE ROAD (0028)	\$2,010,852
		VA 28 SB to I-66 EB - EXTEND LEFT TURN LANES		
		FROM: .2 mi north Ramp to I-66 east TO: Intersection Ramp to I-66 east (0.2000 MI)		
Primary	94637	Loudoun County	SULLY ROAD (0028)	\$357,646
		ARRA - Loudoun 28 Flashing Beacon Warning System NB Waxpool		
		FROM: ROUTE 606 TO: ROUTE 625 (1.7000 MI)		
Primary	89659	Northern Virginia District-wide	0028	\$86,675
		Retrofit SR 28 (US 17-SR 660) with Centerline Rumble Strip		
		FROM: US 17 in Fauquier County TO: Route 215 in Prince William County		
Primary	91946	Prince William County	CENTREVILLE ROAD (0028)	\$601,420
		Improve VA 28 @ Old Centreville Road & Blooms Quarry Lane		
		At Old Centreville Road & Blooms Quarry Lane		
Primary	79275	Arlington County	LEE HWY (0029)	\$1,000,000
		PRE-EMPT SIGNALS FOR EMERG VEHICLES FALLS CHURCH TO ROSSLYN		
		FROM: FALLS CHURCH CORP. LIMIT TO: ROSSLYN METRO STATION (5.0000 MI)		
Primary	52471	Fairfax County	0029	\$850,000
		RTE 29 - LEE HIGHWAY SHARED USE PATH		
		FROM: 0.047 MILES NORTH OF EASTBOUND RAMP ONTO I-66 TO: I-66 WESTBOUND RAMP ONTO ROUTE 29 (0.3400 MI)		
Primary	94865	Fairfax County	LEE HIGHWAY (0029)	\$297,671
		Upgrade Existing Signal at Lee Hwy and Graham Rd		
		FROM: Lee Highway (Rt 29) TO: Graham Road (Rt 1720)		
Primary	98429	Fairfax County	USS 29 LEE HIGHWAY (0029)	\$300,943
		Upgrd Sgnl+Ped Xing @ US 29 Lee Hwy & SR 699 Prosperity Av		
		FROM: SR 699 Prosperity Avenue TO: SR 699 Prosperity Avenue		
Primary	96750	Arlington County	ARLINGTON BLVD (0050)	\$495,000
		Install Curb & Gutter, Sidewalks and Upgrade Signal on US 50		
		FROM: Park Drive TO: 500'away from Intersection		

## Northern Virginia MPO

### Construction : Safety/ITS/Operational Improvements

	System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Primary	96751	Arlington County	ARLINGTON BLVD (0050)	Install Curb & Gutter, Sidewalk and Upgrade Signal on US 50 FROM: Irving Street TO: 500' away from intersection	\$473,000
Primary	56780	Fairfax County	0050	RTE 50 - INSTALL FENCE ON BOTH SIDES OF ARLINGTON BOULEVARD FROM: 0.076 MI. E.WBL. ROUTE 7 Overpass TO: 0.012 MILE WEST ROUTE 2327 (PATRICK HENRY DRIVE) (0.4570 MI)	\$783,199
Primary	71291	Fairfax County	0050	RTE 50 - EXT WB LTL & INSTALL EXCL EB & WB LEFT TURN SIGNALS FROM: AT ROUTE 2338 (JAGUAR TRAIL) TO: 0.13 MILE EAST ROUTE 2338 (JAGUAR TRAIL) (0.1300 MI)	\$381,751
Primary	86515	Fairfax County	ARLINGTON BLVD. (0050)	Route 50 Intersection Improvements @ Patrick Henry Drive FROM: 0.2 mi. west of Patrick Henry Dr. TO: 0.04 mi. east of Patrick Henry Dr. (0.2420 MI)	\$1,047,819
Primary	90203	Fairfax County	ARLINGTON BLVD (0050)	Install Roadway Lighting on Arlington Blvd FROM: 0.25 mi. west of Patrick Henry Drive TO: 0.1 mi. west of Patrick Henry Drive (0.3500 MI)	\$184,486
Primary	90212	Fairfax County	ARLINGTON BLVD (0050)	Install Roadway Lighting on Arlington Blvd at Graham Road	\$195,133
Primary	98428	Fairfax County	US 50 LEE JACKSON MEMORIAL HWY (0050)	Upgrd Sgnl+Ped Xing @ US 50 & SR 657 Centerville/Walney Rd FROM: SR 657 Centerville Rd/ Walney Rd TO: SR 657 Centerville Rd/ Walney Rd	\$300,943
Primary	52330	Loudoun County	0050	RTE 50 - TRAFFIC CALMING FROM: 0.023 MILE WEST ROUTE 1220 (DOVER ROAD) TO: ROUTE 600 (VILLAGE OF LENA) (10.6800 MI)	\$2,262,736
Primary	68823	Loudoun County	0050	RTE 50 - CONSTRUCT 4 ROUNDABOUTS AT GILBERTS CORNER AT ROUTE 15 (1.2800 MI)	\$16,058,180
Primary	68824	Loudoun County	0050	RTE 50 - TRAFFIC CALMING - WEST OF MIDDLEBURG FROM: 0.24 MILE WEST ROUTE 754 (KIRK BRANCH ROAD) TO: 1.08 MILE EAST ROUTE 754 (1.3200 MI)	\$4,902,918
Primary	68825	Loudoun County	0050	RTE 50 - TRAFFIC CALMING - VILLAGE OF ALDIE FROM: 0.290 MILE WEST ROUTE 734 (SNICKERSVILLE TURNPIKE) TO: 0.111 MILE EAST ROUTE 631 (NEW MOUNTAIN ROAD) (1.4550 MI)	\$6,972,956
Primary	90114	Multi-jurisdictional: Northern Virginia MPO	0066	DMS New Installation on Primary Leading to I-66 FROM: VA 123 (Chain Bridge Road), Fairfax Co. TO: VA 29 / 237 (Lee Hwy / Wash. Blvd), Arlington Co.	\$2,529,714
Primary	52284	Arlington County	GLEBE ROAD (0120)	RTE 120 - NORTH GLEBE ROAD PEDESTRIAN CROSSINGS FROM: FAIRFAX DRIVE TO: NORTH CARLIN SPRINGS ROAD (0.4000 MI)	\$2,795,839

## Northern Virginia MPO

### Construction : Safety/ITS/Operational Improvements

	System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Primary	52497	Arlington County	0120		\$4,625
			RTE 120 - INSTALL ADVANCED WARNING SIGNAL AT 24TH ROAD SOUTH		
Primary	58473	Arlington County	0120		\$8,573
			RTE 120-S GLEBE RD-LTLS NB & SB;UPGRADE SIG SYS W/SPLIT PHS AT ARLINGTON ROAD & MOUNT VERNON AVENUE		
Primary	67639	Arlington County	0120		\$149,722
			RTE 120 - MODIFY SIGNAL & CROSSWALK, IMPROVE LIGHTING AT SOUTH WALTER REED DRIVE		
Primary	73282	Arlington County	ROUTE 120, SOUTH GLEBE ROAD (0120)		\$795,300
			RTE 120-SOUTH GLEBE ROAD/I-395 INTERCHANGE AREA IMPROVEMENTS FROM: 0.03 Mi North of Four Mile Run Drive TO: 0.03 Mi South of Four Mile Run Drive/West Glebe Rd (0.3600 MI)		
Primary	95836	Prince William County	GORDON BLVD (0123)		\$224,361
			Overhead Guidesign on SR123 at Old Bridge FROM: 500 ft east of SC641 TO: Intersection with SC 641 (0.1000 MI)		
Primary	86526	Arlington County	SPOUT RUN PARKWAY (0124)		\$3,095
			Route 124 - Crosswalk Safety Improvements At median break 300' north of US 29		
Primary	52503	Fairfax County	GEORGE TOWN PIKE (0193)		\$578,121
			RTE 193 - LOWER VERTICAL CURVE AT RIVERBEND ROAD & NETHERCLIFFE HALL ROAD		
Primary	54498	Prince William County	234 SOUNDWALLS (0234)		\$2,244,675
			RTE 234 - CONSTRUCT SOUND WALLS IN 2 LOCATIONS FROM: 0.697 MILE WEST CLOVER HILL ROAD TO: 0.189 MILE NORTH ROUTE 234 BYPASS (0.8300 MI)		
Primary	70604	Prince William County	PRINCE WILLIAM PARKWAY (0234)		\$1,150,268
			CONSTRUCT SOUNDWALLS AT COMPTON FARMS NEAR CLOVER HILL ROAD FROM: 0.47 Mi. East of Clover Hill Road TO: 1.15 Mi. West of Dumfries Road (0.1100 MI)		
Primary	71721	Prince William County	0234		\$687,911
			RTE 234 BUS - PROVIDE SIGNALIZED CROSSWALKS AT ALL MAJOR INTERSECTIONS (2.1200 MI)		
Primary	71758	Prince William County	SUDLEY ROAD (0234)		\$1,158,282
			RTE 234 - IMPROVE SDWLKS & HANDICAP RAMPS TO CURRENT STNDRDS FROM: ROUTE 621 (BALLSFORD ROAD) TO: ROUTE 661 (GODWIN DRIVE) (2.4000 MI)		
Primary	72726	Prince William County	0234		\$733,739
			SHARED USE PATH ADJACENT TO DUMFRIES ROAD (ROUTE 234) FROM: 0.07 MILE NORTH OF INTERSECTION OF PW PARKWAY & DUMFRIES RD TO: 0.85 MILE SOUTH OF PW PARKWAY NEAR LAKE JACKSON DRIVE (1.2300 MI)		
Primary	77077	Prince William County	0234		\$3,697,792
			RTE 234 - CONSTRUCT LTL ON SBL FROM: 0.26 MILE NORTH OF ROUTE 659 TO: 0.18 MILE SOUTH OF ROUTE 659 (1.0000 MI)		

## Northern Virginia MPO

### Construction : Safety/ITS/Operational Improvements

	System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Primary	85382	Prince William County	0234 PRTC Western Facility FROM: Western Prince William County TO: Western Prince William County		\$16,500,000
Primary	86517	Prince William County	DUMFRIES ROAD (0234) Route 234 - Partial Intersection Reconstruction and Upgrade At US Rte. 1 (Jefferson Davis Highway)		\$689,983
Primary	93000	Prince William County	WILLIAMSON BLVD (0234) Modify Right Turn Lane on Williamson Blvd. to Business 234 FROM: At the Intesection of Bus 234 TO: with Williamson Blvd		\$301,868
Primary	94868	Prince William County	SUDLEY ROAD (0234) New Signal at Bus 234 and Williamson Rd FROM: Williamson Blvd TO: Coverstone		\$221,312
Primary	97381	Prince William County	SUDLEY ROAD (0234) Improve Signs and Markings Conspicuity on Rte 234 FROM: I-66 WB on-ramp/Vandor Lane (route F-335) TO: I-66 WB on-ramp/Vandor Lane (route F-335)		\$125,314
Primary	97671	Prince William County	SUDLEY RD (0234) BUS 234_SR 668 signal upgrade to improve visibility & safety FROM: SR668-Rixlew Lane TO: SR 668-Rixlew Lane		\$249,340
Primary	97674	Prince William County	SUDLEY RD (0234) BUS234_SR 1581 signal upgrade to improve visibility & safety FROM: SR 1581-Irongate Way (South) TO: SR 1581-rongate Way (South)		\$249,710
Primary	17671	Fairfax County	LITTLE RIVER TPK (0236) RTE 236 -TURN LNS SIGNL & SPOT SAFETY IMPRVMENTS-PE & RW ONLY FROM: 0.06 MILE EAST OF PICKETT ROAD (ROUTE 237) TO: 0.12 MILE EAST OF LAKE DRIVE (2.0500 MI)		\$13,339,979
Primary	62692	Fairfax County	0236 RTE 236 - INSTALL SECOND LEFT-TURN LANE EB & MODIFY SIGNAL FROM: 0.125 MILE WEST OF ROUTE 620 TO: ROUTE 620 BRADDOCK ROAD (0.1250 MI)		\$557,370
Primary	62857	Fairfax County	0236 RTE 236 - INSTALL SECOND LTL FROM WB ONTO ROUTE 620 SB FROM: ROUTE 620 (BRADDOCK ROAD) TO: 0.125 MILE EAST OF ROUTE 620 (0.1250 MI)		\$675,086
Primary	63717	Fairfax County	LITTLE RIVER TURNPIKE (0236) RTE 236 - INSTALL PEDESTRIAN SAFETY MEASURES FROM: BEAUREGARD STREET TO: 0.02 MILE WEST OF ROUTE I-395 (0.1290 MI)		\$1,095,815
Primary	90207	Fairfax County	LITTLE RIVER TURNPIKE (0236) Install Roadway Lighting on Little River Turnpike FROM: Hummer Road TO: Columbia Pike		\$566,196
Primary	90209	Fairfax County	LITTLE RIVER TURNPIKE (0236) Install Roadway Lighting on Little River Turnpike at Beaugard Street		\$337,309

## Northern Virginia MPO

### Construction : Safety/ITS/Operational Improvements

	System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Primary	93569	Fairfax County	LITTLE RIVER TPK (0236)		\$445,683
			Route 236 - Install sidewalk and pedestrian crossing		
			FROM: Little River Tpk TO: Hummer Road/ Heritage Drive		
Primary	52287	Arlington County	0244		\$1,631,043
			RTE 244 - SIGNAL PRIORITIZATION		
			COLUMBIA PIKE		
Primary	52459	Arlington County	COLUMBIA PIKE (0244)		\$5,055,000
			COLUMBIA PIKE STREETScape-S WAKEFIELD ST TO FOUR MILE RUN DR		
			FROM: SOUTH WAKEFIELD STREET TO: FOUR MILE RUN DRIVE (0.4000 MI)		
Primary	80359	Arlington County	0244		\$1,990,000
			RTE 244 - COLUMBIA PIKE MULTI-MODAL CORRIDOR IMPROVEMENTS		
			FROM: FAIRFAX COUNTY LINE TO: WASHINGTON BOULEVARD (3.8000 MI)		
Primary	85682	Arlington County	COLUMBIA PIKE (0244)		\$3,550,000
			INSTALL BUS SHELTERS, PADS & IMPROVEMENTS ON COLUMBIA PIKE		
			Capital		
Primary	90199	Arlington County	COLUMBIA PIKE (0244)		\$165,450
			Install Roadway Lighting on Columbia Pike		
			FROM: S. Dinwiddie St TO: S Buchanan St		
Primary	90200	Arlington County	COLUMBIA PIKE (0244)		\$398,909
			Install Roadway Lighting on Columbia Pike		
			FROM: George Mason Drive TO: Glebe Road (0.5300 MI)		
Primary	90202	Arlington County	COLUMBIA PIKE (0244)		\$298,563
			Install Roadway Lighting on Columbia Pike		
			FROM: Glebe Road TO: S Wayne St (0.5900 MI)		
Primary	97675	Fairfax County	COLUMBIA PIKE (0244)		\$229,546
			SR 244_SR 620 signal upgrade to improve visibility & safety		
			FROM: SR 620-Braddock Rd TO: SR 620-Braddock Rd		
Primary	81328	Fairfax County	0267		\$1,402,000
			DULLES TOLL ROAD TRANSITION		
			LEGAL & FINANCIAL ADVISORY SERVICES		
Primary	82839	Fairfax County	0267		\$25,000,000
			FAIRFAX COUNTY DULLES CONGESTION MITIGATION PROJECTS		
			FROM: TRANSIT OPS, TDM, COMMUNICATIONS, INCIDENT MGMT, MOT TO: & LNO/ITS ALONG RT 7, RT 123 & DULLES AIRPORT ACCESS RD		
Primary	90213	Fairfax County	DULLES TOLL ROAD (0267)		\$640,906
			Redesign intersection of Rt 267 to Rt 7100 SB		
			FROM: Dulles Toll Road Ramp TO: Fairfax County Parkway SB		
Primary	94949	Loudoun County	BERLIN TURNPIKE (0287)		\$143,000
			Install centerline rumble strips		
			FROM: Rt 7 TO: MD St Line (12.1000 MI)		

## Northern Virginia MPO

### Construction : Safety/ITS/Operational Improvements

	System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Primary	18863	Arlington County	OLD DOMINION DRI (0309)		\$1,487,000
			ARLINGTON COUNTY - SIDEWALKS/OTHER PEDESTRIAN IMPROVEMENTS		
			FROM: Lee Highway TO: Fairfax County Line (1.5000 MI)		
Primary	98374	Prince William County	OLD BRRIDGE ROAD SR 641 (0641)		\$172,701
			SR 641 @ SR 2185 Antietam_Install Ped Xings & Move Bus Stop		
			FROM: SR 2185 Antietam Road TO: SR 2185 Antietam Road		
Primary	98375	Prince William County	OLD BRIDGE ROAD SR 641 (0641)		\$800,237
			SR 641 @ SR 2410 Springwoods_Extnd WB Left Ln Upgrade Signal		
			FROM: SR 2410 Springwoods Road TO: SR 2410 Springwoods Road		
Primary	98377	Prince William County	OLD BRIDGE ROAD SR 641 (0641)		\$1,052,624
			SR 641 @ SR 2220 Hedges Dr_Cnst offset Lft Lns,Upgrade Sgnl		
			FROM: SR 2220 Hedges Run Dr TO: SR 2220 Hedges Run Dr		
Primary	98378	Prince William County	SR 641 OLD BRIDGE ROAD (0641)		\$487,517
			SR 641 @ SR 2418 Westridge Dr_Install Lighting, Upgrade Sgnl		
			FROM: SR 2418 Westridge Drive/Rockwood Lane TO: SR 2418 Westridge Drive/Rockwood Lane		
Primary	98379	Prince William County	OLD BRIDGE ROAD SR 641 (0641)		\$1,034,069
			SR 641@SR 2199 Mohican Dr_Const offset Lft Lns, Upgrade Sgnl		
			FROM: Old Bridge Road SR 641 TO: Mohican Road SR 2199		
Primary	98380	Prince William County	SR 641 OLD BRIDGE ROAD (0641)		\$536,844
			SR 641@SR 2000 Smoketown Rd_Upgrade Signal, Xing & ADA Ramps		
			FROM: SR 2000 Smoketown Road TO: SR 2000 Smoketown Road		
Primary	98368	Prince William County	SR 784 DALE BOULEVARD (0784)		\$118,426
			Add Rdwy Lighting @ SR 784 & SR 2457 Cherrydale St		
			FROM: SR 2457 Cherrydale Dr/Barksdale St TO: SR 2457 Cherrydale Dr/Barksdale St		
Primary	98370	Prince William County	SR 784 DALE BOULEVARD (0784)		\$558,431
			Upgrade Signal to Mast Arm & Add Ped Xing SR 784 & SR 1826		
			FROM: SR 784 Dale Boulevard TO: SR 1826 Forestdale Avenue		
Primary	98371	Prince William County	SR 784 DALE BLVD (0784)		\$950,801
			Cnstr Offset Lft Lns,Upgrd Sgnl @ SR784 & SR 2053 Lindendale		
			FROM: SR 2053 Lindendale Road/Quate Lane TO: SR 2053 Lindendale Road/Quate Lane		
Primary	98372	Prince William County	SR 784 DALE BLVD (0784)		\$608,097
			Add SB Lft Ln on SR784,Upgrd Sgnl @ SR784 & SR1954 Kaiser Ct		
			FROM: SR 1954 Kaiser Court/Hillendale Road TO: SR 1954 Kaiser Court/Hillendale Road		
Primary	98376	Prince William County	SR 784 DALE BLVD (0784)		\$412,109
			Upgrade Signal at SR 784 Dale & SR 2025 Delaney Rd		
			FROM: SR 2025 Delaney Road TO: SR 2025 Delaney Road		
Primary	58599	Loudoun County	HARRY BYRD HIGHWAY (6007)		\$28,109,907
			RTE 7 - CONSTRUCT WB CLIMBING LANE		
			FROM: ROUTE 9 TO: WEST MARKET STREET (3.1400 MI)		

## Northern Virginia MPO

### Construction : Safety/ITS/Operational Improvements

	System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Primary	92513	Loudoun County	VARIOUS (9999)		\$2,802,065
			ARRA Loudoun 7/9/287 Resurfacing		
			FROM: Various TO: Various (9.0000 MI)		
Primary	92515	Prince William County	VARIOUS (9999)		\$3,601,047
			ARRA Prince William 1/28/29/234 Resurfacing		
			FROM: Various TO: Various (17.5000 MI)		
Primary	50618	Northern Virginia District-wide	TERM		\$2,245,005
			NOVA AIR QUALITY & CONGESTION MITIGATION PROG (FED PORTION)		
			REGIONWIDE		
Public Transportation	70761	Arlington County	9999		\$9,462,300
			RTE 9999 - ACCESS IMPROVEMENTS AT ROSSLYN METRO STATION		
			NEAR NORTH LYNN STREET & 19TH STREET		
Public Transportation	84318	Fairfax County	9999		\$9,000,000
			Ballston Metrorail Station Safety/Station Access Improvemen		
			Ballston Metrorail Station Safety/Station Access Improvemen		
Secondary	82571	Arlington County	6605		\$7,400,000
			PENTAGON CITY MULTIMODAL IMPROVE-INTERSECTION & STREETScape		
			FROM: ARMY NAVY DRIVE TO: 15TH STREET		
Secondary	70762	Arlington County	N. LYNN STREET, CUSTIS TRAIL, & I66 EXIT-RAMP. (9999)		\$1,000,000
			RTE 9999 - ROSSLYN CIRCLE IMPROVEMENTS (MPO PROJECT)		
			FROM: EB Lee Highway. N. Lynn St. At N. Lynn Street Intersection TO: WB Lee Highway. Oak Street.		
Secondary	80798	Clifton	MAIN STREET (CLFT)		\$223,891
			TOWN OF CLIFTON-MAIN STREET PARKING & SIDEWALK IMPROVEMENTS		
			Within limits of Town of Clifton (0.7000 MI)		
Secondary	64209	Fairfax County	0602		\$458,651
			RTE 602 -INST SECOND NB LTL ONTO ROUTE 5320		
			FROM: 0.10 MILE SOUTH ROUTE 5320 TO: 0.04 MILE NORTH ROUTE 5320 (0.1400 MI)		
Secondary	72602	Fairfax County	0620		\$3,315
			RTE 620 - EXTEND NORTHBOUND RIGHT TURN LANE OF ROUTE 123		
			FROM: 0.1 MILE SOUTH OF ROUTE 620 (BRADDOCK ROAD) TO: ROUTE 620 (0.1000 MI)		
Secondary	95718	Fairfax County	7100		\$2,722,000
			GEC Oversight of Fairfax County Parkway Extension Project		
			FROM: Fullerton Road TO: Rolling Road		
Secondary	60104	Fairfax County	7199		\$1,685,766
			RTE 7199 - RESTON TOWN CENTER TRANSIT CENTER; CO ADMIN CMAQ		
			AT EXPLORER ST		
Secondary	81293	Fairfax County	BACKLICK ROAD (0617)		\$197,590
			RTE 617 - CONSTRUCT PEDESTRIAN SIDEWALK		
			FROM: ROUTE 495 (CAPITAL BELTWAY) TO: ROUTE 1467 (CABIN JOHN ROAD)		

## Northern Virginia MPO

### Construction : Safety/ITS/Operational Improvements

	System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Secondary	65071	Fairfax County	BARON CAMERON AV (0606) RTE 606 - EXTEND EB & WB LEFT TURN LANES. FROM: AT ROUTE 602 (RESTON PARKWAY) TO: (FY 2003/04 HES PROGRAM)		\$345,565
Secondary	97672	Fairfax County	BARON CAMERON AVE (0606) SR 606_SR 4725 signal upgrade to improve visibility & safety FROM: SR-4725 Village Rd TO: SR-4725 Village Rd		\$250,000
Secondary	60645	Fairfax County	BRADDOCK ROAD (0620) RTE 620 - ADD 250' ACCEL LANE WB FOR RT FROM ROUTE 2864 SB FROM: 0.09 MILE WEST ROUTE 2864 (RAVENSWORTH ROAD) TO: ROUTE 2864 (RAVENSWORTH ROAD) (0.0900 MI)		\$350,817
Secondary	93570	Fairfax County	BRADDOCK ROAD (0620) Mod. Signal and Add LTLs on Braddock Road FROM: Intersection at TO: Ravensworth Road		\$936,192
Secondary	94866	Fairfax County	BRADDOCK ROAD (0620) Upgrade Existing Signal at Braddock Road and Queensberry Ave FROM: Braddock Road (Rt 620) TO: Queensberry Ave (Rt 3247)		\$300,000
Secondary	97673	Fairfax County	BURKE CENTER PKWY (0643) SR 643_SR 6493 signal upgrade to improve visibility & safety FROM: SR 6493-Burke Common Rd TO: SR 6493-Burke Common Rd		\$284,556
Secondary	86518	Fairfax County	BURKE CENTRE PARKWAY (0643) RTE 643 - REMOVE RIGHT TURN CHANNELIZATION at Route 6197, Roberts Parkway (0.1000 MI)		\$591,071
Secondary	52512	Fairfax County	DAN-SPRING PKWY (7900) RTE 7900 - ADD SINGLE OCCUPANCY VEHICLE ACCESS - PE ONLY FROM: 0.195 MILE WEST SPRING VILLAGE DRIVE TO: 0.129 MILE NORTH ROUTE 644 (FRANCONIA ROAD) (1.9000 MI)		\$6,783,402
Secondary	90214	Fairfax County	DULLES TOLL ROAD (0267) Redesign intersection of Rt 267 to Rt 7100 NB FROM: NB Ramp Rt 267 TO: NB Rt 7100		\$697,135
Secondary	95496	Fairfax County	FRANCONIA ROAD (0644) Upgrade Traffic Signal at Franconia Rd and Commerce St FROM: Route 644 TO: Commerce Street/ Loisdale Rd (Route 789)		\$350,960
Secondary	70590	Fairfax County	GALLOWS RD. (RTE 650) Gallows Road ON-ROAD BIKE TRAILS FROM: Lee Hwy (Rte 29) TO: Old Courthouse Rd. (Rte 677) (3.0000 MI)		\$1,749,067
Secondary	60643	Fairfax County	HOOES ROAD (0636) RTE 636 - SUPER ELEVATE CURVE & RELOCATE UTILITIES (HES) FROM: 0.19 MILE SOUTH ROUTE 6100 TO: 0.07 MILE SOUTH ROUTE 6100 (0.1200 MI)		\$601,751
Secondary	86514	Fairfax County	LOISDALE ROAD (0789) Shift the Median to the Right for left turn Realignment FROM: Loisdale Road TO: Loisdale Court (0.1000 MI)		\$515,737

## Northern Virginia MPO

### Construction : Safety/ITS/Operational Improvements

	System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Secondary	17836	Fairfax County	OLD COLCHESTER (0611) RTE 611 - IMPROVE VERT & HORIZ ALIGNMENT, WIDEN RDWY & SHLDR FROM: 0.8 KILOMETER NORTH ROUTE 3180 TO: 1.2 KILOMETERS NORTH ROUTE 3180 (0.4000 KM)		\$539,623
Secondary	94863	Fairfax County	OLD KEENE MILL ROAD (RT 644) (0644) Upgrade Existing Signal at Old Keene Mil Rd & Carrleigh Pkwy FROM: Old Keene Mill Road TO: Carrleigh Pkwy		\$270,904
Secondary	52981	Fairfax County	PLEASANT VALLEY (0609) RTE 609 - STRAIGHTEN CURVE (HES PROGRAM PROJECT) AT 0.2 MILE NORTH ROUTE 620		\$793,368
Secondary	52982	Fairfax County	PLEASANT VALLEY (0609) RTE 609 - STRAIGHTEN CURVE (HES PROGRAM PROJECT) AT 0.60 MILE NORTH ROUTE 8566 (MARTINS HUNDRED DRIVE)		\$536,835
Secondary	52983	Fairfax County	PLEASANT VALLEY (0609) RTE 609 - STRAIGHTEN CURVE (HES PROGRAM PROJECT) AT 0.45 MILE SOUTH ROUTE 620		\$511,238
Secondary	53313	Fairfax County	S.VAN DORN/FRANC (0613) RTE 613 - GRADE SEPARATION - PE ONLY FROM: AT ROUTES 613 AND 644 (SOUTH VANDORN STREET AND FRANCONIA TO: ROAD) (0.7000 MI)		\$2,196,131
Secondary	98422	Fairfax County	SR 602 RESTON PKWY (0602) Upgrd Sgnl+Ped Xing @ SR 602 Reston Pkwy @ SR 4721 Glade Dr FROM: SR 4721 Glade Drive TO: SR 4721 Glade Drive		\$300,943
Secondary	98425	Fairfax County	SR 602 RESTON PKWY (0602) Upgrd Sgnl+Ped Xing @ SR602 Reston Pk & SR5320 SunriseValley FROM: SR 5320 Sunrise Valley Drive TO: SR 5320 Sunrise Valley Drive		\$300,943
Secondary	98442	Fairfax County	SR 608 WEST OX ROAD (0608) Upgrd Sgnl+Ped Xing @ SR 608 West Ox & SR 7435 Post Forest FROM: SR 7435 Post Forest Drive TO: SR 7435 Post Forest Drive		\$300,943
Secondary	98443	Fairfax County	SR 608 WEST OX ROAD (0608) Upgrd Sgnl+Ped Xing @ SR 608 West Ox Rd & SR 7700 Fair Lakes FROM: SR 7700 Fair Lakes Pkwy TO: SR 7700 Fair Lakes Pkwy		\$300,943
Secondary	96998	Fairfax County	SR 620 BRADDOCK RD (0620) Add Dual Left Turn Lanes on SR-8350 EB & SR-620 WB @ SR-659 FROM: SR 620 New Braddock Rd TO: Union Mill Road Rte 659		\$938,718
Secondary	97006	Fairfax County	SR 650 GALLOWES ROAD (0650) Upgrade Sgnl+Ped Xing @ SR 650 Gallows & SR 709 Woodburn FROM: SR 709 Woodburn Rd TO: SR 709 Woodburn Rd		\$851,865
Secondary	72695	Fairfax County	TRAP ROAD (0676) RTE 676 - FEASIBILITY & PE FOR PED ACCESS ACROSS DAATR FROM: WOLF TRAP NATIONAL PARK ENTRANCE TO: ROUTE 675 (BEULAH ROAD) (0.7500 MI)		\$3,374,521

## Northern Virginia MPO

### Construction : Safety/ITS/Operational Improvements

	System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Secondary	98281	Fairfax County	WALNEY ROAD (ROUTE 657) (0657) Upgrade Existing Traffic Signal at Walney Rd & Willard Rd FROM: Willard Road (Route 6215) TO: Willard Road (Route 6215)		\$300,873
Secondary	98283	Fairfax County	WIEHLE AVENUE (ROUTE 828) (0828) Upgrade Existing Traffic Signal_Wiehle Av & Center Harbor Rd FROM: Center Harbor (Route 7410) TO: Center Harbor (Route 7410)		\$300,873
Secondary	82830	Loudoun County	9999 EASTERN LOUDOUN PARK-AND-RIDE LOT		\$885,000
Secondary	86670	Loudoun County	ALGONKIAN PARKWAY (1582) RTE. 1582-CONSTRUCT RIGHT TURN LANE AT INTERSECTION WITH ROUTE 1570 (0.1000 MI)		\$31,468
Secondary	8828	Loudoun County	BELMONT RIDGE RD (0659) RTE 659 - WIDEN & STRENGTHEN EXISTING HARDSURFACED ROAD FROM: DULLES GREENWAY (ROUTE 267) TO: ROUTE 7 (HARRY BYRD HIGHWAY) (3.4000 MI)		\$2,323,342
Secondary	84358	Loudoun County	EVERGREEN MILLS ROAD (0621) Route 621- Intersection Improvements at Route 772 At intersection with Ryan Road (Route 772) (0.2000 MI)		\$4,130,239
Secondary	93515	Loudoun County	GUM SPRING ROAD (0659) Upgrade Guardrail and Widen Shoulders on SR 659 Gum Spring FROM: Cedar Ridge Blvd TO: 2650' section going south (0.5000 MI)		\$952,417
Secondary	93568	Loudoun County	GUM SPRING ROAD (0659) Upgrade Guardrail on SR 659 Gum Spring Road FROM: Sweetwater Lane TO: 2350 foot section south of Sweetwater Lane		\$945,779
Secondary	95503	Loudoun County	PALISADE PARKWAY (1795) Install Traffic Signal at Palisade Pkwy and Southbank St FROM: Route 1795 TO: Southbank Street/ Sonoma Way		\$325,873
Secondary	80348	Loudoun County	WAXPOOL ROAD (0625) RT 625 – WAXPOOL RD – RECONSTRUCT AND PAVE GRAVEL ROAD FROM: ROUTE 659 TO: 0.66 MILE EAST ROUTE 659 (0.6600 MI)		\$28,075
Secondary	94639	Loudoun County	WAXPOOL ROAD (0625) ARRA Waxpool Rd./Loudoun Co. Pkwy. turn lane & signal mod. FROM: Inter-x Waxpool Rd. and Loudoun County Pkwy. TO: Inter-x (1.0000 MI)		\$1,500,000
Secondary	70736	Northern Virginia District-wide	HUNTINGTON AVE (1332) CONGESTION RELIEF PROJECT - HUNTINGTON METRO FROM: Intersection of Route 1332 (Huntington Avenue) TO: And Route 1346 (Fenwick Drive)		\$198,475
Secondary	90197	Prince William County	0234 Construct Shared Use Path to existing Country Club Dr FROM: Rt 1450 (Country Club Dr) TO: 1250' North of Rt 1450 (COuntry Club Dr)		\$481,423

**Northern Virginia MPO****Construction : Safety/ITS/Operational Improvements**

	System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Secondary	71723	Prince William County	0641 RTE 641 - PROVIDE HANDICAP ACCESS FROM: East of Titania Way TO: Cricket Lane (0.9350 MI)		\$1,942,078
Secondary	81296	Prince William County	3000 RTE 3000 - CORRECT SUPERELEVATION FROM: OCCOQUAN RIVER TO: 1.02 MILE EAST OCCOQUAN RIVER (1.0200 MI)		\$1,684,163
Secondary	17837	Prince William County	BALLS FORD RD (0621) RTE 621 - IMPROVE SIGHT DISTANCE & CONSTRUCT TURN LANES FROM: 0.065 MILE EAST ROUTE 660 TO: 0.011 MILE WEST ROUTE 660 (0.2000 MI)		\$701,504
Secondary	97040	Prince William County	BALLS FORD ROAD (0621) Install Traffic Signal via UPC 71465 FROM: Balls Ford Road TO: Groveton Road Rte 622		\$0
Secondary	71465	Prince William County	BALLSFORD ROAD (0621) RTE 621 & RTE 622 INTERSECTION IMPROVEMENTS FROM: 0.17 Miles east of Rte. 622 TO: 0.12 Miles west of Rte. 622 (0.3000 MI)		\$2,907,445
Secondary	71471	Prince William County	COVERSTONE ROAD (1596) RTE 1596-INSTALL TRAFFIC SIGNAL AT INTERSEC WITH RTE 1630 AT INTERSECTION WITH ROUTE 1630		\$345,794
Secondary	60648	Prince William County	DALE BLVD (0784) RTE 784 - EXTEND LTL'S & MODIFY EXISTING SIGNAL (OC \$) FROM: 0.11 MILE WEST ROUTE 1826 EAST TO: 0.11 MILE EAST ROUTE 1826 EAST (0.2200 MI)		\$477,073
Secondary	81295	Prince William County	DALE BOULEVARD (0784) RTE 784 - CONSTRUCT CROSSWALK W/PEDESTRIAN PUSHBUTTON AT ROUTE 2068 (GIDEON DR)		\$27,635
Secondary	86838	Prince William County	DALE BOULEVARD (0784) Route 784 - Extend WB left turn lanes At Route 2480, Benita Fitzgerald Blvd. (0.1000 MI)		\$630,000
Secondary	65073	Prince William County	FEATHERSTONE RD (0636) RTE 636 - REPLACE TRAFFIC SIGNAL (FY 2003/04 HES PROGRAM) AT INTERSECTION OF ROUTE 638 (COLCHESTER ROAD)		\$279,293
Secondary	71470	Prince William County	GALLEHER ROAD (0707) RTE 707 - INSTALL SIGNAL FROM: 0.005 MILE EAST ROUTE 55 TO: 0.005 MILE SOUTH ROUTE 55		\$205,454
Secondary	60650	Prince William County	LOMOND DRIVE (1530) RTE 1530 -ADD LEFT TURN LANE WESTBOUND TO RTE 234 SOUTHBOUND FROM: ROUTE 234 BUSINESS TO: 0.08 MILE EAST ROUTE 234 BUSINESS (0.0800 MI)		\$932,687
Secondary	57416	Prince William County	LUCASVILLE RD (0692) RTE 692 - DRAINAGE IMPROVEMENTS FROM: 0.10 MILE N. HIDDEN SPRING DRIVE, ROUTE 2559 TO: 0.16 MILE SOUTH HIDDEN SPRING DRIVE, ROUTE 2559 (0.3300 MI)		\$2,683,333

## Northern Virginia MPO

### Construction : Safety/ITS/Operational Improvements

	System	UPC Jurisdiction / Name / Description	Street(Route)	Estimate
Secondary	96510	Prince William County Offset left turn lanes on Old Bridge Rd (Rte 641) at Harbor FROM: 500 Ft W of harbor TO: 500 Ft E of harbor (0.1890 MI)	OLD BRIDGE RD (0641)	\$1,541,188
Secondary	71468	Prince William County RTE 641 - RECONSTRUCT WESTBOUND LANE TO ADD SUPERELEVATION FROM: 0.21 MILE EAST FOREST HILL ROAD TO: 0.27 MILE EAST FOREST HILL ROAD (0.0600 MI)	OLD BRIDGE ROAD (0641)	\$428,110
Secondary	90517	Prince William County RTE 641 - CONSTRUCT SIDEWALK ON NORTH SIDE OF ROAD FROM: DILLINGHAM SQUARE TO: MOHICAN RD (0.6700 MI)	OLD BRIDGE ROAD (0641)	\$1,100,000
Secondary	95835	Prince William County Upgrade Signal and Lighting at Elisian Dr FROM: 500 ft East of Elysain Dr TO: 500 ft West of Elysian Dr (0.2000 MI)	OLD BRIDGE ROAD (0641)	\$372,170
Secondary	95837	Prince William County Signal Upgrade and Lighting at SC 641 and SC 2116 FROM: Clipper Drive TO: 400 ft N and S of Clipper (0.2000 MI)	OLD BRIDGE ROAD (0641)	\$446,479
Secondary	95838	Prince William County Upgrade SC 641 @ SC906 Signal FROM: Occoquan Road TO: 400 ft north of Occoquan Rd	OLD BRIDGE ROAD (0641)	\$706,484
Secondary	96743	Prince William County Install Sidewalk and Superelevation on Old Bridge Road FROM: Hedges Run Drive TO: Dillingham Square/Cricket Lane	OLD BRIDGE ROAD (0641)	\$782,441
Secondary	98284	Prince William County Upgrade Existing Traffic Signal at Opitz Blvd & Gideon Dr FROM: Gideon Drive (Route 2068) TO: Gideon Drive (Route 2068)	OPTIZ BOULEVARD (ROUTE 2000) (2000)	\$401,222
Secondary	64223	Prince William County RTE 3000 - CONSTRUCT SOUND WALL AT MIDDLEBROOK ESTATES FROM: 0.063 mi. S. of Hudson Crest Drive TO: 0.030 mi. S. of Lake Jackson Drive (0.2310 MI)	PRINCE WILLIAM PARKWAY (3000)	\$1,758,105
Secondary	50142	Prince William County RTE 3000 - LEFT TURN LANE IMPROVEMENTS AT HILLENDALE DRIVE FROM: 0.10 MILE SOUTH ROUTE 1954 TO: 0.10 MILE SOUTH ROUTE 3000 (0.1000 MI)	PRINCE WM PKWY (3000)	\$186,050
Secondary	96752	Prince William County Construct Sidewalk, C&G on Eastside of Signal View Drive FROM: Rosemerry Farm Drive TO: Manassas Drive	SIGNAL VIEW DRIVE (2590)	\$499,991
Secondary	98438	Prince William County Upgrd SgnL_Ped Xing @ SR 1779 Potomac Mill & SR 2068 Gideon FROM: SR 2068 Gideon Drive TO: SR 2068 Gideon Drive	SR 1779 POTOMAC MILLS ROAD (1779)	\$300,943
Secondary	58345	Prince William County RTE 1566 - RECONSTRUCT RIGHT TURN LANE AT ROUTE 234 FROM: 0.2 MILE WEST ROUTE 234 TO: ROUTE 234 (0.2000 MI)	SUDLEY MANOR DR (1566)	\$805,475

## Northern Virginia MPO

### Construction : Safety/ITS/Operational Improvements

	System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Secondary	86837	Prince William County	UNIVERSITY BOULEVARD (0840)		\$1,525,876
			Construct dual left turn lanes on SB Route 234 at Route 840		
			FROM: Route 234 Bypass (Prince William Pkwy) TO: 0.16 Mi. East of Route 234 Bypass (0.3500 MI)		
Urban	16099	Alexandria	CITY OF ALEXANDRIA - HOV ACCESS RAMP (PE ONLY IN SYIP)		\$200,000
			AT SEMINARY ROAD		
Urban	79793	Alexandria	HOLMES RUN BIKE TRAIL		\$1,010,000
			STUDY - HOLMES RUN TRAIL FROM I-395 TO RIPLEY STREET		
Urban	82841	Alexandria	RIDESHARING ENHANCEMENTS IN ALEXANDRIA		\$4,500,000
			Rideshare Enhancement		
Urban	85755	Alexandria	SHARED-USE PATH STUDY ONLY		\$210,264
			FROM: Telegraph Road TO: Mount Vernon Trail		
Urban	87185	Alexandria	ALEXANDRIA - SRTS - BARRETT AND MASON ES AND MISC CROSSINGS		\$492,047
			FROM: Area improvements near Barrett ES/Mason ES TO: Crossing improvements within 1/2 mile of any ES or MS		
Urban	58156	Alexandria	0000		\$635,342
			PEDESTRIAN IMPROVEMENTS		
			ALEXANDRIA UNION STATION		
Urban	79791	Alexandria	0000		\$500,000
			ALEXANDRIA BUS SHELTERS		
			VARIOUS LOCATIONS THRU OUT ALEXANDRIA		
Urban	81077	Alexandria	0000		\$750,000
			CITYWIDE SIDEWALK CONNECTIONS		
			FROM: CITYWIDE SIDEWALK CONNECTION IMPROVEMENTS NEAR METRO TO: STATIONS AND BUS STOPS AT VARIOUS LOCTIONS		
Urban	86660	Alexandria	0000		\$0
			HSIP Proactive Safety Projects City of Alexandria		
			FROM: City Wide Safety Improvements TO: City Wide		
Urban	79792	Alexandria	0007		\$4,459,100
			REBUILD KING STREET METRO PARKING LOT AND BUS LOADING AREA		
			FROM: STUDY TO CONDUCT AN ANALYSIS OF THE CONSTRAINTS & TO: OPPORTUNITIES FOR DESIGN CONCEPTS AT KING ST METRORL STATION		
Urban	71853	Alexandria	BUSINESS CENTER DR		\$35,000,000
			CITY OF ALEXANDRIA - DASH BUS MAINTENANCE FACILITY		
			FROM: (NEXT TO CURRENT FACILITY) TO: Roth Street (0.5000 MI)		
Urban	85374	Alexandria	CITY-WIDE (0000)		\$180,000
			Bicycle Safety Improvements at Int. & Multi-use Trails		
			FROM: Various TO: Various		

## Northern Virginia MPO

### Construction : Safety/ITS/Operational Improvements

	System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Urban	63364	Alexandria	DUKE STREET (0236) RTE 236 - DUKE STREET PEDESTRIAN ACCESS IMPROVEMENTS AT BEN BRENNAN PARK (0.3000 MI)		\$747,019
Urban	70599	Alexandria	DUKE STREET (0236) RTE 236 - CONGESTION RELIEF PROJECT FROM: Dove Street TO: Walker Street (2.6500 MI)		\$810,126
Urban	95657	Alexandria	DUKE STREET (0000) Upgrade 4 Signals with Ped Accommodations FROM: S. Walker St. TO: N PAXton St. (0.6000 MI)		\$587,822
Urban	8645	Alexandria	KING STREET (0007) RTE 7 - INTERSECTION IMPROVEMENTS AT BEAUREGARD FROM: CHESTERFIELD ROAD TO: NORTH HAMPTON DRIVE (0.7000 MI)		\$11,499,998
Urban	57071	Alexandria	KING STREET STATION IMPROVEMENTS INCLUDING PLATFORM EXTENSION KING STREET METRO		\$3,119,991
Urban	17678	Alexandria	MILL ROAD MILL ROAD - EXTENSION EXTENSION OF MILL ROAD		\$2,961,342
Urban	63362	Alexandria	OLD TOWN CITY OF ALEXANDRIA - TRAFFIC STUDY OLD TOWN TRAFFIC STUDY OF CONGESTION REDUCTION MEASURES		\$200,000
Urban	85380	Alexandria	SOUTH PICKETT (0000) Pedestrian Improvements to Major Roadways @ Edsall Road		\$120,000
Urban	79794	Alexandria	VARIOUS Dedicated Transit Corridors - Study Only FROM: CITY-WIDE TO: CITY-WIDE		\$1,400,000
Urban	82842	Alexandria	VARIOUS SIDEWALK & TRAIL IMPROVEMENTS Sidewalk and Trail Improvements		\$795,246
Urban	13464	Alexandria	VARIOUS ROUTES CITY OF ALEXANDRIA - HIGHWAY SIGNALIZATION VARIOUS LOCATIONS		\$3,000,000
Urban	70580	Alexandria	VARIOUS ROUTES ITS INTEGRATION - including King/Braddock/Quaker inter ITS improvements City-wide traffic control devices		\$2,352,860
Urban	76681	Dumfries	CONSTRUCT DEBRIS WALL NEAR MINE ROAD		\$619,016

**Northern Virginia MPO****Construction : Safety/ITS/Operational Improvements**

	System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Urban	81517	Dumfries	0001		\$649,284
			RTE 1 - IMPROVEMENTS TO MAIN STREET		
			MAIN STREET		
Urban	93506	Fairfax		CHAIN BRIDGE ROAD (0123)	\$420,376
			Chain Bridge Road(Rte. 123) Eaton Pl. Multi-modal Inter. Imp		
			FROM: Eaton Place TO: Willow Crescent Drive		
Urban	70600	Fairfax		FAIRFAX CIRCLE	\$636,279
			FAIRFAX - CONGESTION RELIEF PROJECT		
			AT FAIRFAX CIRCLE		
Urban	17690	Fairfax		LEE HIGHWAY (0029)	\$0
			RTE 29 - 6 LANE (PE ONLY IN SYIP)		
			FROM: CHAIN BRIDGE ROAD TO: WCL FAIRFAX		
Urban	71614	Fairfax		LEE HIGHWAY (0029)	\$7,227,853
			RTE 29 - SPOT IMPROVEMENTS		
			AT INTERSECTION OF ROUTES 29/50 & 236 (0.2800 MI)		
Urban	17683	Fairfax		PICKETT ROAD	\$1,244,479
			PICKETT ROAD - TURN LANES AND SIGNALIZATION		
			FROM: 0.11 MILE WEST OF PICKETT ROAD (ROUTE 237) TO: 0.06 MILE EAST OF PICKETT ROAD (ROUTE 237)		
			(0.1800 MI)		
Urban	96754	Fairfax		UNIVERSITY DRIVE (0000)	\$300,000
			University Drive - Streetscape		
			FROM: Armstrong Street TO: School Street		
Urban	82838	Fairfax		VARIOUS	\$602,558
			TRAFFIC SIGNAL CONTROLLER UPGRADES IN FAIRFAX CITY		
			FROM: CITY-WIDE SIGNALS TO: CITY-WIDE SIGNALS		
Urban	85378	Fairfax		VARIOUS (0000)	\$137,795
			Install Video Traffic Monitoring Cameras		
			FROM: City-wide TO: City-wide		
Urban	57070	Fairfax		VARIOUS ROUTES	\$322,205
			FAIRFAX - VIDEO TRAFFIC MONITORING CAMERAS		
			AT MAJOR INTERSECTIONS		
Urban	70579	Fairfax		VARIOUS ROUTES (U000)	\$10,018
			CITY OF FAIRFAX - DYNAMIC MESSAGE SIGNS (MPO PROJECT)		
Urban	79394	Falls Church			\$269,760
			FALLS CHURCH CITY WIDE TRANSPORTATION STUDY		
Urban	85153	Falls Church		0000	\$112,617
			Purchase Hybrid Vehicles - Falls Church		

## Northern Virginia MPO

### Construction : Safety/ITS/Operational Improvements

	System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Urban	85377	Falls Church	0000		\$430,240
			City of Falls Church Pedestrian Master Plan		
			City of Falls Church Pedestrian Master Plan		
Urban	84554	Falls Church	CITY WIDE (0000)		\$300,000
			Traffic Signal Management System		
			FROM: Various Locations TO: Various Locations		
Urban	81015	Falls Church	MAPLE AVENUE (0000)		\$4,124,992
			CITY CENTER IMPROVEMENTS ALONG MAPLE AVE		
			FROM: IMPROVE THE ROADWAYS, INCLUDING ROUTE 7, MAPLE AVE, AND TO: ANNANDALE, WHICH MAKE UP THE CITY CENTER AREA		
Urban	94425	Falls Church	TBD (0000)		\$75,000
			ARRA Traffic Calming - ARRA Stimulus		
			FROM: TBD TO: TBD		
Urban	79812	Herndon			\$1,200,000
			W & OD TRAIL CROSSING IMPROVEMENTS		
			FROM: TO INCLUDE STREETS THAT INTERSECT THE W & OD TRAIL TO: IE: CRESTVIEW DR., FERNDAL AVE, AND GRACE ST		
Urban	85495	Herndon	0000		\$138,347
			Herndon - Purchase Hybrid Vehicles		
			FROM: Town wide TO: Town wide		
Urban	98472	Herndon	0000		\$90,000
			Alt Fueled Vehicles - Mid Sized SUV		
Urban	98473	Herndon	0000		\$35,000
			Alt Fueled Vehicles - Hybrid Pickup		
Urban	98475	Herndon	0000		\$166,653
			Alt Fueled Vehicles - Dump Truck		
Urban	50100	Herndon	EAST ELDEN STREET (U000)		\$20,388,129
			WIDEN E ELDEN ST FROM VAN BUREN ST TO FAIRFAX COUNTY PARKWAY		
			FROM: VAN BUREN STREET TO: ECL OF HERNDON (0.6000 MI)		
Urban	86414	Herndon	ELDEN STREET (0000)		\$312,500
			Pedestrian and Bike Improvements for Elden Street		
			FROM: Elden Street TO: Elden Street		
Urban	89889	Herndon	HERNDON PARKWAY (0606)		\$2,610,000
			Herndon Parkway Intersections		
			FROM: Town wide TO: Town wide		
Urban	52449	Herndon	SUGARLAND RUN TR		\$909,642
			SUGARLAND RUN TRAIL		
			FROM: W&OD TRAIL TO: FAIRFAX COUNTY TRAIL		

## Northern Virginia MPO

### Construction : Safety/ITS/Operational Improvements

	System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Urban	13467	Herndon	VARIOUS LOCS TOWN OF HERNDON - HIGHWAY SIGNALIZATION AT VARIOUS LOCATIONS		\$775,969
Urban	70603	Leesburg	0773 RTE 773 - EDWARDS FERRY ROAD - CONGESTION MITIGATION PROJECT FROM: INTERSECTION OF ROUTE 773 WITH ROUTE 15 TO: 0.02 MILE WEST OF INTERSECTION ON ROUTE 773 (0.2600 MI)		\$420,000
Urban	17688	Leesburg	SOUTH KING ST (0015) RTE 15 - COORDINATE 7 TRAFFIC SIGNALS ON SOUTH KING STREET		\$265,686
Urban	94467	Leesburg	SOUTH KING STREET (0015) ARRA - ROW Phase for the Rte 15 Widening FROM: South King Street TO: Greenway Drive		\$1,025,000
Urban	95614	Leesburg	SOUTH KING STREET (0015) ARRA-C ROW Phase for the Rte 15 Widening FROM: South King Street TO: Greenway Drive		\$1,175,000
Urban	50008	Leesburg	VARIOUS ROUTES LEESBURG - COORDINATE SIGNALS TOWN WIDE		\$274,686
Urban	82843	Manassas	MANASSAS INCIDENT MANAGEMENT VARIABLE MESSAGE BOARDS NEW FY07 RSTP PROJECT		\$200,000
Urban	60212	Manassas	0028 RTE 28 - TRACK WORK AND BUILDING PHASE 1 NORFOLK SOUTHERN R/R TRACK RELOCATION		\$5,975,692
Urban	61448	Manassas	CENTREVILLE ROAD (0028) RTE 28 - INSTALL CENTER LEFT TURN LANE FROM: 0.14 MILE NORTH OF SUDLEY ROAD TO: 0.09 MILE SOUTH OF LIBERIA AVENUE (0.3100 MI)		\$2,101,635
Urban	72802	Manassas	PRINCE WILLIAM P PRINCE WILLIAM PKWY - CONSTRUCT DUAL LEFT TURN LANES AT LIBERIA AVENUE		\$213,000
Urban	96719	Manassas	SUDLEY ROAD (0234) Signal Improvements & Synchronization -Manassas FROM: North Corporate limit TO: Digges Road		\$648,000
Urban	13465	Manassas	VARIOUS ROUTES MANASSAS - HIGHWAY SIGNALIZATION VARIOUS LOCATIONS		\$1,326,000
Urban	52929	Manassas	WELLINGTON ROAD (0028) RTE 28 - WELLINGTON ROAD - PHASE I FROM: 0.108 MILE SOUTH ROUTE 28 TO: NORFOLK SOUTHERN MAINLINE CROSSING (0.2770 MI)		\$6,234,838

## Northern Virginia MPO

### Construction : Safety/ITS/Operational Improvements

	System	UPC Jurisdiction / Name / Description	Street(Route)	Estimate
Urban	76683	Manassas Park MANASSAS DRIVE INTERSECTION IMPROVEMENTS ON MANASSAS DRIVE AT EUCLID AVENUE		\$2,274,181
Urban	94613	Manassas Park ARRA - ROW Phase - Intersection Improvements on Manassas Dr. at Euclid Ave	MANASSAS DRIVE (0000)	\$300,000
Urban	95551	Manassas Park ARRA-C ROW Phase - Intersection Improvement on Manassas Dr. at Euclid Ave	MANASSAS DRIVE (0000)	\$181,487
Urban	93513	Prince William County Route 641 Old Bridge Road Vertical Alignment Improvements FROM: Colby Drive TO: 0.20 mile west of Colby Drive (0.2000 MI)	OLD BRIDGE ROAD (0641)	\$899,176
Urban	52290	Purcellville PURCELLVILLE - COMMUTER PARKING LOT (PE ONLY IN SYIP) 75-SPACE COMMUTER LOT (0.5000 MI)		\$80,000
Urban	77170	Purcellville Purcellville - 21st St Sidewalk Improv FROM: 100' Southeast of Branbury Glen Court TO: 100' Northwest of N 23rd Street (0.2800 MI)	0007	\$920,000
Urban	70578	Purcellville INTERSECTION IMPROVEMENTS @ MAIN ST & MAPLE AVE-PURCELLVILLE At the intersection of Main Street and Maple Avenue	MAIN STREET (0007)	\$2,349,169
Urban	71734	Purcellville PURCELLVILLE - Maple Ave. and W&OD Trail - Pedestrian Improv FROM: MAIN STREET TO: 100 FEET NORTH OF THE WASHINGTON AND OLD DOMINION TRAIL (0.2330 MI)	MAIN STREET	\$460,000
Urban	81324	Purcellville RTE 7 - CONSTRUCT SIDEWALK FROM: NORTH SIDE OF WEST MAIN STREET; NORTH 28TH STREET; TO: NORTH 33RD STREET (0.4200 MI)	MAIN STREET (0007)	\$846,000
Urban	16633	Vienna BEULAH ROAD - STREET RESURFACING (INCLUDES PE FOR UPC 64711) FROM: 0.018 KILOMETER WEST MAPLE AVENUE TO: 0.019 KILOMETER NORTH SIDLING COURT (1.2480 KM)	BEULAH RD	\$1,526,359
Urban	14853	Vienna BRANCH ROAD - 2 LANE RECONSTRUCTION FROM: 0.022 KILOMETER EAST OF MAPLE AVENUE TO: 0.005 KILOMETER WEST OF VALLEY DRIVE (0.6730 KM)	BRANCH ROAD	\$2,831,728
Urban	77402	Vienna RTE 123 - MAPLE AVENUE IMPROVEMENTS FROM: Lawyers Road TO: Western Town Limit (0.6400 MI)	MAPLE AVENUE (0123)	\$1,787,679
Urban	95412	Vienna Purchase signal equipment FROM: Various TO: Various	VARIOUS (0000)	\$225,000
Construction : Safety/ITS/Operational Improvements Total				\$815,110,159

## Northern Virginia MPO

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

	System	UPC Jurisdiction / Name / Description	Street(Route)	Estimate
Enhancement	94586	Alexandria ARRA - Eisenhower Avenue Trail - Phase 1A / C502 FROM: South side of Eisenhower Avenue / under bridge TO: To North side of Eisenhower Avenue		\$750,000
Enhancement	95558	Alexandria ARRA-C - Eisenhower Avenue Trail - Phase 1A / C502 FROM: Southside of Eisenhower Avenue/under bridge TO: Northside of Eisenhower Avenue		\$693,500
Enhancement	87450	Arlington County Arlington County - Bicycle/Ped bridge over Four Mile Run FROM: Bicycle/Pedestrian Bridge over Four Mile Run TO: connecting Arlington Co. and City of Alexandria		\$500,000
Enhancement	97836	Arlington County Construction of a paved multi-use trail along Rte. 110		\$572,500
Enhancement	86354	Fairfax County CHAIN BRIDGE ROAD McLean Streetscape - Phase II streetscape demonstration C502		\$841,000
Enhancement	94286	Fairfax County Fairfax County Civil War Bicycle Tour FROM: NA TO: NA		\$130,000
Enhancement	94287	Fairfax County Fairfax Lorton Cross County Trail FROM: Occoquan Regional Park TO: Laurel Hill Greenway		\$937,500
Enhancement	94363	Fairfax County HOT Lanes Bicycle/Pedestrian Facilities FROM: Springfield Interchange TO: Old Dominion Boulevard		\$6,275,000
Enhancement	97837	Fairfax County Pohick Stream Valley Trail - Phase I		\$1,045,000
Enhancement	94590	Herndon ARRA - Herndon Streetscape Utility Relocation		\$960,000
Enhancement	94288	Loudoun County Village of Waterford Bicycle/Pedestrian Pathway		\$113,750
Enhancement	97838	Loudoun County Landscaping along Va. Scenic Byways / Waterford "Old School"		\$88,750
Enhancement	93206	Prince William County ARRA - Semper Fidelis Memorial Park Trails		\$500,000
Enhancement	94462	Prince William County Beverly Mill - C502 Site Improvements		\$3,000
Enhancement	90353	Quantico Potomac Avenue streetscape improvements FROM: Potomac Avenue TO: Potomac Avenue		\$830,000

## Northern Virginia MPO

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

	System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Enhancement	97736	Prince William County	Town of Occoquan Pedestrian Safety Enhancement, VA FROM: Town of Occoquan TO: Town of Occoquan		\$149,974
Enhancement	94683	Fairfax County	GUNSTON ROAD (0242) Mason Neck Trail - C502 Phase II construction of the trail FROM: Entrance to Pohick Bay Drive (Rte. 721) TO: 300 ft. west of entrance to Gunston Hall Plantation (0.4000 MI)		\$370,725
Enhancement	97839	Haymarket	EN10 Access Improvements to the Southern Railway Caboose		\$42,500
Interstate	96747	Prince William County	I-95 NORTHBOUND (0095) I-95 NB @ MP 158 Horizontal Alignment, Shoulder & Guardrail. FROM: I-95 NB MP 158.15 TO: I-95 NB MP 158.44 (0.2900 MI)		\$1,325,143
Interstate	91084	Fairfax County	CAPITAL BELTWAY - TMP - INCIDENT MGMT (0495) Capital Beltway - TMP - Incident Management (IM) FROM: Capital Beltway - TMP - Incident Mgmt TO: Capital Beltway - TMP - Incident Mgmt		\$7,999,620
Interstate	91085	Fairfax County	CAPITAL BELTWAY - TMP - TRANSIT (0495) Capital Beltway - TMP - Transit FROM: Capital Beltway - TMP - Transit TO: Capital Beltway - TMP - Transit		\$6,080,000
Interstate	91086	Fairfax County	CAPITAL BELTWAY - TMP - COMMUNICATIONS (0495) Capital Beltway - TMP - Communications FROM: Capital Beltway - TMP - Communications TO: Capital Beltway - TMP - Communications		\$5,028,000
Interstate	91087	Fairfax County	CAPITAL BELTWAY - TMP - LOCAL NETWORK OPERATIONS - (0495) Capital Beltway - TMP - Local Network Operations - LNO FROM: Capital Beltway - TMP - Local Network Operations - LNO TO: Capital Beltway - TMP - Local Network Operations - LNO		\$2,699,998
Miscellaneous	17641	Northern Virginia District-wide	BICYCLE RACKS - PURCHASE AND INSTALL AT SELECTED LOCATIONS		\$69,578
Miscellaneous	80434	Northern Virginia District-wide	NORTHERN VA POTOMAC HERITAGE NATIONAL SCENIC TRAIL FY07 SAFETEA-LU EARMARK PROJECT		\$895,564
Miscellaneous	93250	Northern Virginia District-wide	0495 NVTA - TransAction 2030 Update		\$1,100,000
Miscellaneous	93578	Prince William County	PRINCE WILLIAM PKWY (3000) Install sidewalk and Ped Crossing on Prince William Pkwy FROM: 300' North of Crossing Place TO: Horner Corner Commuter Parking Lot		\$668,255
Miscellaneous	96236	Fairfax County	7100 BRAC-National Museum of the Army FROM: Telegraph Road TO: John Kingman Road		\$20,000

**Northern Virginia MPO****Construction : Transportation Enhancement/Byway/Non-Traditional**

	System	UPC Jurisdiction / Name / Description	Street(Route)	Estimate
Primary	96734	Dumfries Multi-modal Enhancements - Dumfries FROM: Townwide TO: Townwide	JEFFERSON DAVIS HIGHWAY (0001)	\$396,000
Primary	56866	Fairfax County CONSTRUCT PEDESTRIAN BRIDGE NEAR SEVEN CORNERS FROM: 0.170 MILE EAST ROUTE 7 OVERPASS TO: 0.052 MILE WEST ROUTE 2327 (PATRICK HENRY DRIVE) (0.3220 MI)	0050	\$5,318,609
Primary	58601	Fairfax County RTE 50 - PEDESTRIAN IMPROVEMENTS FROM: JAGUAR TRAIL TO: SEVEN CORNERS	0050	\$775,000
Primary	64766	Haymarket Route 55 - Washington Street- Streetscape FROM: MADISON STREET TO: 0.093 MILES EAST OF ST. PAUL DRIVE (0.2140 MI)	WASHINGTON STREET (0055)	\$1,738,541
Primary	97735	Prince William County Town of Haymarket Pedestrian Connections, VA FROM: Town of Haymarket TO: Town of Haymarket	WASHINGTON STREET (0055)	\$499,915
Primary	58598	Arlington County RTE 110 - SOUTH BIKE TRAIL FROM: NORTH PENTAGON PARKING LOT TO: MEMORIAL BRIDGE	0110	\$167,000
Primary	62146	Arlington County RTE 120 -XWALKS,PED SIGNLS,REFUGE AREAS,RECONST CURB CORNERS 26TH STREET & GLEBE ROAD (Route120)	0120	\$72,000
Secondary	93146	Fairfax County Const bike & ped access to proposed Wiehle Ave Metro Station FROM: Wiehle Avenue & Dulles Toll Road TO: Half mile radius of Wiehle Ave. Metrorail Station	VARIOUS INTERSECTIONS (0828)	\$9,800,000
Urban	88428	Manassas Demolition Contract for UPC 17689 Demolition Contract for UPC 17689	0028	\$451,260
Construction : Transportation Enhancement/Byway/Non-Traditional Total				\$59,907,682

**Maintenance : Preventive Maintenance and System Preservation**

	System	UPC Jurisdiction / Name / Description	Street(Route)	Estimate
Miscellaneous	T4152	Statewide PREVENTATIVE MAINTENANCE AND SYSTEMS OPERATIONS Funding Identified to be Obligated Statewide as Projects are Identified	SOPS	\$0
Primary	T1021 6	Fairfax ARRA-C MPO - RECONSTRUCTION AND PAVING FROM: Rebel Run TO: Eaton Place	FAIRFAX BOULEVARD (0050)	\$7,330

**Northern Virginia MPO****Maintenance : Preventive Maintenance and System Preservation**

	System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Urban	94468	Fairfax	FAIRFAX BOULEVARD (0050)		\$1,350,000
			ARRA - MPO - Reconstruction and Repaving		
			FROM: Rebel Run TO: Eaton Place		
Maintenance : Preventive Maintenance and System Preservation Total					\$1,357,330

**Maintenance : Preventive Maintenance for Bridges**

	System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Miscellaneous	T3748		SOPS		\$0
			BRIDGE SAFETY INSPECTION REHABILITATION AND RECONSTRUCTION		
			Funding Identified to be Obligated Statewide as Projects are Identified		
Maintenance : Preventive Maintenance for Bridges Total					\$0

**Maintenance : Traffic and Safety Operations**

	System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Miscellaneous	T3746		SOPS		\$0
			TRAFFIC AND SAFETY OPERATIONS		
			Funding Identified to be Obligated Statewide as Projects are Identified.		
Secondary	94641	Loudoun County	0000		\$347,313
			ARRA - Loudoun Misc. Upgrade/Install Pavement Markers		
			FROM: LOUDOUN COUNTY WIDE TO: LOUDOUN COUNTY WIDE		
Urban	94424	Falls Church	CITY WIDE (0000)		\$300,000
			ARRA Reconstruct Sidewalk and Curb and Gutter - City wide		
			FROM: City wide TO: City wide		
Maintenance : Traffic and Safety Operations Total					\$647,313

**Transit : Access**

	System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Miscellaneous	70720	Northern Virginia District-wide			\$950,000
			CONGESTION RELIEF PROJECT - VRE PARKING CAPITAL		
Primary	T8523	Prince William County	0028		\$0
			VRE Broad Run Parking Garage		
			FROM: Broad Run VRE Station TO: Broad Run VRE Station		
Public Transportation	T1123	Fairfax County	0000		\$0
			WMATA Bike Racks on Buses		
Urban	89857	Vienna			\$137,000
			Install Sidewalk		

## Northern Virginia MPO

### Transit : Access

	System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Urban	96717	Vienna		MAPLE AVENUE (0123)	\$755,000
			Walk to Downtown Initiative		
			FROM: Nutley Street TO: Follin Lane		
Transit : Access Total					\$1,842,000

### Transit : Amenities

	System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Interstate	T9066	Fairfax County	0095		\$0
			VanPool Incentive Program		
			FROM: Stafford County Line TO: Washington, D.C.		
Miscellaneous	T236	Fairfax County			\$0
			Install 600 Bus Stop Signs Throughout Region		
Miscellaneous	T235	Fairfax County			\$0
			Install CRT Exhaust Filters for 250 Buses		
Miscellaneous	T233	Fairfax County			\$0
			Install Canopies Over Bus Bays at 4 Metrorail Stations		
Miscellaneous	T208	Fairfax County			\$0
			West Falls Church Metrorail Station Bus Bay Area Modificatio		
Miscellaneous	T154	Fairfax County			\$0
			Bus Shelter Programs: Fairfax, PRTC, Arlington and Alexandr		
Miscellaneous	T207	Fairfax County	0000		\$2,000,000
			Springfield Mall Transit Store		
			FROM: Transit Store Facilities TO: Transit Store Facilities		
Primary	93273	Loudoun County	0267		\$425,000
			Broadlands South/Moorefield Station Park & Ride Lease		
			FROM: Broadlands South/Moorefield Station TO: Broadlands South/Moorefield Station		
Primary	97678	Loudoun County		DULLES GREENWAY (0267)	\$173,158
			Canopy for Dulles North Transit Center Rider Queuing Area		
			FROM: At Dulles North Transit Center TO: Interchange of Dulles Greenway and Rte 606 Old Ox Road		
Public Transportation	T1838	Arlington County			\$0
			Arlington - Clarendon and Crystal City Canopies		
Public Transportation	T99	Fairfax County			\$1,000,000
			Transit Store Funding		
Public Transportation	T67	Fairfax County			\$0
			Increase Capacity at Alexandria Station		

**Northern Virginia MPO**

**Transit : Amenities**

	System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Public Transportation	T21		Fairfax County		\$0
			Completion of Transit Center		
Public Transportation	T1118		Manassas		\$0
			VRE Station Parking		
Public Transportation	T1834		Northern Virginia District-wide		\$0
			WMATA Information Kiosks		
Public Transportation	87399		Prince William County	0028	\$4,020,000
			VRE Manassas Line Platform Extensions		
			VRE Manassas Line Platform Extensions		
Public Transportation	50007		Fairfax County	RTE 0050 (0050)	\$1,510,539
			SEVEN CORNERS TRANSIT TRANSFER CENTER		
			FROM: SEVEN CORNERS TO: SEVEN CORNERS		
Public Transportation	84292		Arlington County	SOUTH HAYES (9999)	\$0
			Pentagon City Metro Station: Hayes Street		
			@ Pentagon City and 12th Street (0.1000 MI)		
Rail	T8522		Fairfax County	0001	\$7,420,000
			VRE Lorton Platform Extension		
			FROM: Lorton VRE Station TO: Lorton VRE Station		
Transit : Amenities Total					\$16,548,697

**Transit : Engineering**

	System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Interstate	85393		Northern Virginia District-wide	0066	\$1,500,000
			I66 Multimodal Study - Phase I		
			FROM: Rte 66 (DC line) TO: Rte 495 (Capital Beltway) (16.5000 MI)		
Primary	59296		Arlington County		\$1,000,000
			BUS TRANSFER FACILITY - PE ONLY		
			BUS TRANSFER FACILITY AT SHIRLINGTON		
Primary	82864		Northern Virginia District-wide		\$116,953
			DISTRICTWIDE BRIDGE DECK EVALUATION STUDY		
			10 LOCATIONS THROUGHOUT THE DISTRICT		
Public Transportation	T1837		Alexandria	POTOMAC YARD TRANSITWAY PROJECT	\$0
			Alexandria - Potomac Yard Transit Analysis Phase II		
			FROM: Braddock Road Metro Station to Four Mile Run (Alexandria) TO: Pentagon (Arlington County Portion)		

**Northern Virginia MPO**

**Transit : Engineering**

	System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Public Transportation	T1835	Alexandria	Alexandria - Eisenhower Valley Transit/Transportation Study		\$0
Public Transportation	T1789	Alexandria	NONE Community-Wide Transit Analysis in Western Alexandria FROM: Various Location TO: Various Location		\$580,000
<b>Transit : Engineering Total</b>					<b>\$3,196,953</b>

**Transit : Rail ROW Improvements**

	System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Public Transportation	T126	Fairfax County	Track and System Engineering Improvements		\$0
Public Transportation	T69	Fairfax County	0000 SIGNAL UPGRADE FROM: Crossover Signal Systems at Woodridge & Aquia TO: & Bridge at Quantico Creek		\$0
Public Transportation	T34	Fairfax County	0000 Regional Traffic Control Measures		\$0
Public Transportation	T27	Fairfax County	0000 Signal Conversion (Potomac Yards - South of Alexandria)		\$0
<b>Transit : Rail ROW Improvements Total</b>					<b>\$0</b>

**Transit : Ridesharing**

	System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Interstate	52294	Northern Virginia District-wide	M-101A MASS MARKETING CAMPAIGN REGIONWIDE		\$1,381,125
Miscellaneous	T230	Fairfax County	Media Program To Promote TDM's		\$0
Miscellaneous	T181	Fairfax County	Telecommuting Pilot Program		\$0
Miscellaneous	T174	Fairfax County	Public Education Campaign		\$0
Miscellaneous	T168	Fairfax County	Support Implementation Telecommuting TCM-92		\$0
Miscellaneous	T164	Fairfax County	Expand TDM Program		\$0

**Northern Virginia MPO**

**Transit : Ridesharing**

	System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Miscellaneous	T161		Fairfax County Rideshare Program Expanded TCM-47		\$0
Miscellaneous	T151		Fairfax County Provide Free Bus Rides on Code Red Days Provide Free Bus Rides on Code Red Days		\$6,650,500
Miscellaneous	70724		Northern Virginia District-wide CONGESTION RELIEF PROJECT - VALLEY COMMUTER ASSISTANCE TDM		\$30,000
Miscellaneous	70744		Northern Virginia District-wide CONGESTION RELIEF PROJECT - NURIDE		\$450,000
Primary	95481		Northern Virginia District-wide Vanpool Incentive Study	0095	\$100,000
Public Transportation	T100		Arlington County Commuter Assistance Program Commuter Assistance Program		\$17,877,000
Public Transportation	T155		Fairfax County Transportation Emission Reduction Measures (TERMS)		\$0
Public Transportation	T1836		Northern Virginia District-wide PRTC/NVTC - VRE SmarTrip Program		\$0
Public Transportation	T66		Fairfax County Rideshare Program Enhancements	0000	\$0
Public Transportation	T1833		Northern Virginia District-wide PRTC Commuter Assistance Program PRTC Commuter Assistance Program	DRPT	\$1,200,000
<b>Transit : Ridesharing Total</b>					<b>\$27,688,625</b>

**Transit : System Preservation**

	System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Miscellaneous	T229		Fairfax County Citywide Transportation Demand Program Start-up Funding		\$0
Public Transportation	T28		Fairfax County King Street Metro Station Improvements		\$0
<b>Transit : System Preservation Total</b>					<b>\$0</b>

**Northern Virginia MPO**

**Transit : Vehicles**

	System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Miscellaneous	94423		Arlington County ARRA - ART Bus Purchase FROM: Varies TO: Varies	VARIES	\$0
Miscellaneous	T209		Fairfax County Dulles Corridor Transit Service Expanded Express Bus Service		\$0
Miscellaneous	T169		Fairfax County Falls Church Electric Bus Service - Neighborhoods To Metro		\$0
Miscellaneous	T153		Fairfax County Bus Service Start-up		\$0
Miscellaneous	12878		Funding DISTRICTWIDE/CONGESTION MITIGATION & AIR QUALITY PROGRAM FROM: WMATA - REPLACEMENT BUSES TO: NORTHERN VIRGINIA DISTRICT		\$16,013,000
Miscellaneous	T158		Prince William County Bus Replacement (OmniRide Express Commuter Buses)	DRPT	\$0
Primary	94469		Alexandria ARRA - Purchase Trolleys FROM: Various TO: Various STIP Amd FFY09-23 to add CN Phase and to obligate \$2,400,000 in ARRA Funds FFY10.	KING STREET (0000)	\$3,263,775
Public Transportation	T4315		Northern Virginia District-wide VIRGINIA RAILWAY EXPRESS - PURCHASE OF RAILCARS VIRGINIA RAILWAY EXPRESS - PURCHASE OF RAILCARS		\$0
Public Transportation	70739		Northern Virginia District-wide CONGESTION RELIEF PROJECT - COLUMBIA PIKE BUS SERVICE FROM: Columbia Pike Arlington County Line TO: Fairfax County Line	COLUMBIA PIKE	\$3,467,500
Public Transportation	T1124		Fairfax County Purchase of METRO Buses Purchase of METRO Buses	0000	\$0
Public Transportation	T2130		Multi-jurisdictional: Northern Virginia MPO WMATA BUS AQUISITION	0000	\$0
Urban	96716		Falls Church Hybrid Hydraulic Refuse Truck FROM: W Corporate limit of Falls Church TO: E Corporate limit of Falls Church	BROAD STREET (0007)	\$0
Urban	97676		Falls Church Purchase Hybrid Vehicles - Phase III - Falls Church FROM: City wide TO: City wide	CITY WIDE (0000)	\$192,383

**Northern Virginia MPO**

**Transit : Vehicles**

	System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Urban	97677	Falls Church	CITY-WIDE (0000)		\$400,000
			Purchase Hybrid Vehicle - Phase II - City of Falls Church		
			City-wide		
Urban	93155	Manassas	0000		\$80,129
			Purchase Hybrid/Alternate fuel vehicles		
			FROM: City of Manassas TO: City of Manassas		
Transit : Vehicles Total					\$23,416,787

**Northern Virginia MPO Total \$1,206,010,844**

**NonMPO: Northern Virginia**

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

	System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Miscellaneous	81509	Statewide			\$0
			PROJECTS IMPROVEMENTS GRANTS FOR SRTS PROGRAM		
			Funding identified to be obligated statewide as projects are identified		
Construction : Safety/ITS/Operational Improvements Total					\$0

**Maintenance : Preventive Maintenance and System Preservation**

	System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Miscellaneous	T4152	Statewide			\$0
			SOPS		
			PREVENTATIVE MAINTENANCE AND SYSTEMS OPERATIONS		
			Funding Identified to be Obligated Statewide as Projects are Identified		
Maintenance : Preventive Maintenance and System Preservation Total					\$0

**Maintenance : Preventive Maintenance for Bridges**

	System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Miscellaneous	T3748				\$0
			SOPS		
			BRIDGE SAFETY INSPECTION REHABILITATION AND RECONSTRUCTION		
			Funding Identified to be Obligated Statewide as Projects are Identified		
Maintenance : Preventive Maintenance for Bridges Total					\$0

**Maintenance : Traffic and Safety Operations**

	System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Miscellaneous	T3746				\$0
			SOPS		
			TRAFFIC AND SAFETY OPERATIONS		
			Funding Identified to be Obligated Statewide as Projects are Identified.		
Maintenance : Traffic and Safety Operations Total					\$0

**NonMPO: Northern Virginia Total** **\$0**

**WASHINGTON  
METROPOLITAN AREA  
TRANSIT AUTHORITY**



**DRAFT**

**WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY  
TRANSPORTATION IMPROVEMENT PROGRAM  
CAPITAL COSTS (in \$1,000)**

Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
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**Transit  
Maintenance Equipment**

TIP ID: 5861	Agency ID:	Title: Maintenance Equipment	Complete:
Facility:	Local	0/0/100	4,906 e 7,260 e 4,009 e 712 e 300 e 171 e 158 e 12,610
From:	PRIIA	50/0/50	164,935 e 43,282 e 61,763 e 51,226 e 34,808 e 11,545 e 15,043 e 217,667
To:	Section 5307	80/0/20	2,732 e 2,016 e 3,345 e 3,841 e 3,549 e 3,665 e 16,416
	Section 5309	80/0/20	3,374 e 490 e 14,223 e 13,000 e 10,220 e 37,933
			<b>Total Funds: 284,626</b>

Description: Provides funds for  
 a. Rail Maintenance Equipment: purchase and/or replacement of equipment to maintain the rail system.  
 b. Bus Repair Equipment: purchase and/or replacement of repair equipment.  
 c. Business Facilities Equipment: purchase and/or replacement of equipment that supports the business process of the agency.

**Maintenance Facilities**

TIP ID: 5867	Agency ID:	Title: Facilities Maintenance Support – Systemwide Support Equipment, Environmental Compl	Complete:
Facility:	FSG	100/0/0	4,208 e 4,208
From:	Local	0/0/100	10,086 e 10,821 e 12,804 e 7,235 e 7,629 e 9,459 e 10,456 e 58,404
To:	Section 5309	80/0/20	1,999 e 3,000 e 2,014 e 5,014
			<b>Total Funds: 67,626</b>

Description: a. Environmental Compliance Projects: facility or equipment upgrades and/or replacements required to comply with environmental regulatory requirements or directives.  
 b. Maintenance Bus & Rail Facilities: upgrades, rehabilitation, and/or replacements of systemwide support equipment, financial planning, and project administration.

TIP ID: 5866	Agency ID:	Title: Rail Yards - Systemwide Maintenance, Expansion, Rehabilitation and Replacement	Complete:
Facility:	PRIIA	50/0/50	20,653 e 58,426 e 77,412 e 52,401 e 26,979 e 7,634 e 222,852
From:	Section 5309	80/0/20	3,000 e 3,000
To:			
			<b>Total Funds: 225,852</b>

Description: Provides funds for  
 a. Maintenance of Rail Yards: maintenance and/or rehabilitation of rail maintenance yards.  
 b. Rail Maintenance Facilities: construction and/or replacement of rail maintenance facilities.

**DRAFT**

**WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY  
TRANSPORTATION IMPROVEMENT PROGRAM  
CAPITAL COSTS (in \$1,000)**

		Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
TIP ID: <b>5857</b>	Agency ID:	Title: <b>Bus Garages - Systemwide Maintenance, Expansion, Rehabilitation, and Replacement</b>								Complete:	
Facility:		Local	0/0/100	52,854 e	428 e	17,443 e	3,086 e	5,820 e			26,777
From:		PRIIA	50/0/50	18,879 e							
To:		Section 5307	80/0/20	91,511 e	37,794 e	46,903 e	20,923 e	3,526 e			109,146
<b>Total Funds: 135,923</b>											

Description: Provides funds for  
 a. Rehabilitation and Replacement of Bus Garages: upgrades, rehabilitation, and/or replacement of bus garages and maintenance facilities.  
 b. Maintenance of Bus Garages: maintenance of bus garages/maintenance facilities.  
 c. Expansion of Bus Garages: expansion of bus garages to meet storage and maintenance needs of growing fleet.

<b>Other Facilities</b>											
		Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
TIP ID: <b>5862</b>	Agency ID:	Title: <b>Other Support Facilities</b>								Complete:	
Facility:		Local	0/0/100	5,445 e	7,820 e	2,427 e	1,283 e	5,548 e	2,056 e	4,651 e	23,785
From:		PRIIA	50/0/50	4,651 e							
To:		Section 5307	80/0/20	625 e							
		Section 5309	80/0/20	2,916 e	194 e						194
<b>Total Funds: 23,979</b>											

Description: Provides funds for  
 a. Business Support Facilities: facilities that support business operations functions.  
 b. MTPD Support Facilities: upgrade, rehabilitation, and/or Metro Transit Police Department facilities and other such facilities.

**DRAFT**

**WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY  
TRANSPORTATION IMPROVEMENT PROGRAM  
CAPITAL COSTS (in \$1,000)**

		Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
<b>Passenger Facilities</b>											
TIP ID: <b>5860</b>	Agency ID:	Title: <b>Passenger Facilities</b>								Complete:	
Facility:		Local	0/0/100	35,979 e	44,884 e	8,306 e	10,834 e	21,976 e	23,262 e	11,553 e	120,815
From:		PRIIA	50/0/50	31,657 e	21,949 e	27,957 e	35,801 e	27,379 e	35,210 e	26,832 e	175,128
To:		Section 5307	80/0/20	7,455 e	4,693 e	26,593 e	5,399 e	9,576 e	5,603 e	21,175 e	73,039
		Section 5309	80/0/20	70,904 e	27,703 e	14,153 e	16,915 e	11,826 e	13,929 e	13,499 e	98,025
		Section 5317	80/0/20		996 e						996
										<b>Total Funds:</b>	<b>468,003</b>

Description: Provides funds for  
 a. Elevator/ Escalator Facilities: rehabilitation of elevator and escalators and expansion of elevator capacity.  
 b. Maintenance of Rail Station Facilities: upgrade, rehabilitation, and/or replacement of station area components.  
 c. Bicycle/ Pedestrian Facilities: rehabilitation, replacement and expansion of bicycle and pedestrian facilities.  
 d. Rail Station Capacity/ Enhancements: expand the capacity of rail stations, improve passenger access, and protect exposed assets.  
 e. Bus Priority Corridor Improvements: bus stops, runningway enhancements, street operations management and safety strategies to produce more reliable bus.  
 f. Rail Station Equipment: purchase of equipment to be used in rail stations, including police emergency management equipment and other related.

<b>Project Management and Support</b>											
TIP ID: <b>5863</b>	Agency ID:	Title: <b>Credit Facility</b>								Complete:	
Facility:		Local	0/0/100	10,290 e	2,500 e	3,000 e	3,000 e	3,000 e	3,000 e	2,951 e	17,451
From:											
To:											
										<b>Total Funds:</b>	<b>17,451</b>

Description: Provides funds to maintain a line of credit to meet cash flow needs.

<b>Rail System Infrastructure Rehabilitation</b>												
TIP ID: <b>5856</b>	Agency ID:	Title: <b>Rail Line Segment Rehabilitation</b>								Complete:		
Facility:		Local	0/0/100	12,211 e	11,922 e	7,672 e					19,594	
From:		PRIIA	50/0/50	55,231 e	61,988 e	37,502 e	2,007 e	16,652 e				118,149
To:		Section 5307	80/0/20					34,508 e				34,508
		Section 5309	80/0/20	85,968 e	73,194 e	54,332 e	94,513 e	92,092 e	92,527 e	79,762 e	486,420	
										<b>Total Funds:</b>	<b>658,671</b>	

Description: Provides funds for rehabilitation of segments of Metrorail system.

**DRAFT**

**WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY  
TRANSPORTATION IMPROVEMENT PROGRAM  
CAPITAL COSTS (in \$1,000)**

		Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
<b>Systems and Technology</b>											
TIP ID: 5858	Agency ID:	Title: <b>Systems and Technology</b>								Complete:	
Facility:		Local	0/0/100	37,880 e	66,917 e	52,304 e	88,827 e	74,555 e	54,934 e	41,374 e	378,911
From:		Section 5307	80/0/20	5,250 e	3,404 e				11,128 e	18,098 e	32,630
To:		Section 5309	80/0/20	70,468 e	12,563 e	37,308 e			403 e		50,274
		SGR	80/0/20		1,500 e	1,283 e					2,783
											<b>Total Funds: 464,598</b>

Description: Provides funds for  
a. Rail Power Systems: upgrade of rail system's power supply.  
b. Operations Support Software: purchase and/or replacement of software that supports the transit system.  
c. Business Support Software & Equipment: purchase and/or replacement of software and equipment that supports the agency's mission.  
d. Rail Fare Equipment: purchase and/or replacement of fare equipment for the transit system.

<b>Track &amp; Structures</b>											
TIP ID: 5859	Agency ID:	Title: <b>Track and Structures</b>								Complete:	
Facility:		Local	0/0/100	1,198 e	4,743 e	47 e					4,790
From:		PRIIA	50/0/50	117,210 e	52,254 e	46,023 e	52,653 e	64,427 e	61,540 e	67,000 e	343,897
To:		Section 5309	80/0/20	1,997 e							
											<b>Total Funds: 348,687</b>

Description: Provides funds for  
a. Track Rehabilitation: maintain and rehabilitate track and track infrastructure.  
b. Station/Tunnel Rehabilitation: repair of water leaks in stations, vent shafts, air ducts, tunnels, tunnel liners, and other areas in the system.

<b>Vehicles/ Vehicle Parts</b>											
TIP ID: 5855	Agency ID:	Title: <b>MetroAccess and Service Vehicles</b>								Complete:	
Facility:		Local	0/0/100	930 e	4,000 e						4,000
From:		Section 5307	80/0/20	39,827 e	12,586 e	12,483 e	19,108 e	13,695 e	20,856 e	21,734 e	100,462
To:		Section 5309	80/0/20	11,545 e							
											<b>Total Funds: 104,462</b>

Description: Provides funds for  
a. MetroAccess Vehicles: purchase/ replacement of Metro Access vehicles.  
b. Replacement of Service Vehicles: purchase/ replacement of vehicles that will be used Authority-wide for service activities.

**DRAFT**

**WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY  
TRANSPORTATION IMPROVEMENT PROGRAM  
CAPITAL COSTS (in \$1,000)**

		Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
<b>TIP ID: 5854</b>	Agency ID:	<b>Title: Buses - Replacement, Rehabilitation, Expansion, &amp; Enhancements</b>								<b>Complete:</b>	
Facility:		CMAQ	80/0/20		5,049 e	1,613 e	4,800 e	4,800 e	4,800 e		21,062
From:		Local	0/0/100	25,124 e	500 e	18,254 e	512 e		4,166 e	8,686 e	32,118
To:		PRIIA	50/0/50	14,671 e	25,252 e	12,847 e	2,707 e	588 e			41,394
		Section 5307	80/0/20	204,498 e	113,714 e	84,918 e	136,036 e	139,811 e	122,995 e	141,812 e	739,286
<b>Total Funds: 833,860</b>											

Description: Provides funds for  
 a. Replacement of Buses: replacement of the bus fleet.  
 b. Rehabilitation of Buses: mid-life rehabilitation of the bus fleet.  
 c. Bus Enhancements: purchase and/or replacement of equipment that upgrades or enhances the capability of the bus fleet.  
 d. Bus Fleet Expansion: expansion of the bus fleet to meet ridership growth.

		Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
<b>TIP ID: 5853</b>	Agency ID:	<b>Title: Rail Cars - Replacement, Rehabilitation, Expansion, &amp; Enhancements</b>								<b>Complete:</b>	
Facility:		Local	0/0/100	11,076 e	917 e		222 e	2,477 e	21,186 e	27,753 e	52,555
From:		PRIIA	50/0/50	171,513 e	36,850 e	36,497 e	103,205 e	129,167 e	184,072 e	191,125 e	680,916
To:		Section 5307	80/0/20	15,241 e				20,242 e			20,242
		Section 5309	80/0/20	12,238 e	9,439 e	20,954 e	20,847 e	20,847 e	23,993 e	46,126 e	142,206
<b>Total Funds: 895,919</b>											

Description: Provides funds for  
 a. Replacement of Rail Cars: replacement of the rail fleet, including the 1000-Series and 4000-Series rail cars.  
 b. Rehabilitation of Rail Cars: mid-life rehabilitation of rail fleet.  
 c. Rail Fleet Expansion: expansion of the rail fleet to meet ridership growth.  
 d. Rail Enhancements: enhancements to the rail fleet that improve safety, reliability, and passenger comfort.



**NATIONAL CAPITAL REGION  
TRANSPORTATION  
PLANNING BOARD**



# DRAFT

**TRANSPORTATION PLANNING BOARD  
TRANSPORTATION IMPROVEMENT PROGRAM  
CAPITAL COSTS (in \$1,000)**

Source	Fed/St/Loc	Previous Funding	FY 13	FY14	FY 15	FY 16	FY 17	FY 18	Source Total
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**Human Service Transportation Coordination  
JARC and New Freedom Programs**

<b>TIP ID: 5408</b>	Agency ID:	Title: <b>New Freedom Program</b>								Complete:
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Facility: Section 5317 100/0/0 900 e 900

From: **Total Funds: 900**

To:

Description: The New Freedom program provides funding for transportation programs and services that go above and beyond what is required by the Americans with Disabilities Act (ADA).

<b>TIP ID: 5407</b>	Agency ID:	Title: <b>Job Access and Reverse Commute (JARC) Program</b>								Complete:
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Facility: Section 5316 100/0/0 1,200 e 1,200

From: (JARC) **Total Funds: 1,200**

To:

Description: The goal of the JARC program is to improve access to job sites and employment-related activities for people who are transitioning from welfare to work or for others with limited incomes.

**Transit  
TIGER – Priority Bus Transit in the National Capital Region**

<b>TIP ID: 5837</b>	Agency ID:	Title: <b>Takoma/Langley Park Transit Center</b>								Complete: 2011
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Facility: ARRA/TIGER 100/0/0 8,671 c 1,236 c 9,907

From: **Total Funds: 9,907**

To:

Description: Construct transit center in Langley Park at the crossroads area of the MD 193 and MD 650 intersection. This is a joint SHA/MTA project.

This project is also listed in the MDOT/Maryland Transit Administration portion of the TIP as TIP ID 3263 to show local funding.

<b>TIP ID: 5776</b>	Agency ID:	Title: <b>Maryland State Highway Administration: Priority Bus Transit Enhancements</b>								Complete:
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Facility: ARRA/TIGER 100/0/0 484 c 503 c 200 c 1,187

From: **Total Funds: 1,187**

To:

Description: This project will install queue jump lanes, real-time bus information, and miscellaneous bus stop and shelter improvements along University Boulevard, US Route 1, and Viers Mill Road.

# DRAFT

**TRANSPORTATION PLANNING BOARD  
TRANSPORTATION IMPROVEMENT PROGRAM  
CAPITAL COSTS (in \$1,000)**

		Source	Fed/St/Loc	Previous Funding	FY 13	FY14	FY 15	FY 16	FY 17	FY 18	Source Total
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<b>TIP ID: 5775</b>	<b>Agency ID:</b>	<b>Title: DDOT: Bus Corridor TSP and Real-Time Information</b>								<b>Complete: 2011</b>
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Facility:	ARRA/TIGER	100/0/0		639 c	459 c						1,098
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From:											<b>Total Funds: 1,098</b>
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To:

Description: This project will install Transit Signal Priority(TSP), provide real-time bus information, construct curb extensions, improve safety at bus stops, implement transit –only lanes, optimize transit and travel in the downtown core using traffic signal optimization, traffic signal management and UPS installation. Project implementation will be along selected portions of major regional bus corridors in the District of Columbia including the downtown core, 14th St Bridge to K St, TR Bridge to K St, 16th Street NW, Georgia Avenue, Wisconsin Avenue, and H Street/Benning Road.

<b>TIP ID: 5789</b>	<b>Agency ID: ALEX0005</b>	<b>Title: Potomac Yard Transit Improvements in City of Alexandria (Bus Lanes Only)</b>								<b>Complete: 2014</b>
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Facility:	Potomac Yard Transit Improvements	ARRA/TIGER	100/0/0		5,803 c						5,803
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From:	Monroe Avenue Bridge										<b>Total Funds: 5,803</b>
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To: East Glebe Road

Description: Design and construct a transitway along US Route 1 in the vicinity of the Potomac Yard development and transit service improvements in the corridor, Monroe Avenue Bridge to East Glebe Road.

<b>TIP ID: 5779</b>	<b>Agency ID: PRTC0008</b>	<b>Title: PRTC: Replacement Buses and CAD/AVL System</b>								<b>Complete: 2011</b>
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Facility:	ARRA/TIGER	100/0/0		842 c							842
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From:											<b>Total Funds: 842</b>
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To:

Description: This project will pay for the procurement of 13 replacement buses and acquisition of a CAD/AVL system for management of PRTC buses.

**V**

**FINANCIAL SUMMARIES**



## V. FINANCIAL SUMMARIES

This section presents the financial plan for the Washington Region's TIP. SAFETEA-LU funding for the region is under either Title I, Surface Transportation, or Title III, Transit. Within each title are several programs or funding categories, such as the National Highway System program and the Surface Transportation Program under Title I and the Section 5307 transit capital program under Title III. In addition to federal funding, there is state and local funding as well as private sector and other sources of funding in the TIP.

All federal funding is apportioned to states. Thus, in order to assess the projected funding authorized in SAFETEA-LU to the funding programmed in the Washington region's TIP, financial summaries for the TIP projects from agencies in the District of Columbia, Maryland and Virginia as well as WMATA are prepared. To demonstrate that funding can reasonably be expected to be available, the projects in the TIP tables in the previous section have been examined by the proposed funding categories under Title I and Title III.

Financial summaries of funds by type of improvement and source of funds for each of the first two years: FY 2010 and FY 2011, and then for FY 2012-2013, and FY 2014-2015 for the District, Suburban Maryland, Northern Virginia, and WMATA are presented in the following pages.

The funds programmed in the TIP for each state by SAFETEA-LU program category have been compared with SAFETEA-LU and state funding that has been authorized by each state for the region. The funding programmed for the projects in the first years and second years is consistent with the anticipated SAFETEA-LU funding authorized for FY 2010 and FY 2011. The funding programmed for the third through sixth years is consistent with the projected federal dollars to be authorized by the states.



**Table 1A  
DISTRICT OF COLUMBIA  
FY 2013-2018 TRANSPORTATION IMPROVEMENT PROGRAM  
Financial Summary (in \$Millions)**

Source	2013		2014		2015-2016		2017-2018		2013-2018
	Federal	Total	Federal	Total	Federal	Total	Federal	Total	
<b>Title I - FHWA</b>									
American Recovery and Reinvestment Act	1.20	1.20	1.20	1.20					<b>2.40</b>
Bridge Replacement and Rehabilitation Program	37.01	46.26	50.13	62.66	76.20	95.25	80.96	101.20	<b>305.38</b>
Congestion Mitigation and Air Quality Improvement Program	26.42	33.03	5.94	7.43	8.13	10.16	6.75	8.44	<b>59.06</b>
Demo			2.40	3.00					<b>3.00</b>
Interstate Maintenance			0.69	0.86	2.09	2.61	0.69	0.86	<b>4.33</b>
National Highway System	36.07	44.52	45.92	56.89	109.63	135.93	46.63	57.74	<b>295.07</b>
Safe Routes to School Program	0.50	0.50	0.50	0.50	1.00	1.00	1.30	1.30	<b>3.30</b>
State Planning & Research Program	5.38	6.72	5.54	6.92	10.75	13.44	10.75	13.44	<b>40.52</b>
Surface Transportation Program	82.53	100.74	73.62	90.10	138.91	169.11	118.92	144.94	<b>504.89</b>
Enhancements (STP)	1.84	2.30	1.84	2.30	3.68	4.60	3.68	4.60	<b>13.80</b>
Highway Safety Improvement Program (STP)	5.15	5.72	7.01	7.79	10.25	11.38	10.25	11.38	<b>36.28</b>
<b>Title I - FHWA Total:</b>	<b>196.09</b>	<b>241.00</b>	<b>194.79</b>	<b>239.65</b>	<b>360.63</b>	<b>443.48</b>	<b>279.93</b>	<b>343.90</b>	<b>1,268.02</b>
<b>Title III - FTA</b>									
Section 5303	0.38	0.48	0.38	0.48	0.76	0.95			<b>1.90</b>
Section 5309	3.60	4.50							
Section 5310	0.34	0.43	0.36	0.45	0.78	0.97			<b>1.85</b>
<b>Title III - FTA Total:</b>	<b>4.32</b>	<b>5.41</b>	<b>0.74</b>	<b>0.93</b>	<b>1.54</b>	<b>1.92</b>			<b>8.25</b>
<b>State/Local</b>									
Bond		116.02		118.42		240.34			<b>474.78</b>
District Funds		84.39		74.23		130.01		66.38	<b>355.00</b>
<b>State/Local Total:</b>		<b>200.41</b>		<b>192.65</b>		<b>370.35</b>		<b>66.38</b>	<b>829.78</b>
<b>Other</b>									
AMTRAK	0.81	1.02							<b>1.02</b>
Federal Railroad Administration	1.77	3.54	2.00	4.00					<b>7.54</b>
GARVEE Bonds			40.00	50.00					<b>50.00</b>
GSA Earmark	50.32	50.32	33.86	33.86	24.80	24.80			<b>108.98</b>
National Park Service	0.87	1.09							<b>1.09</b>
National Recreational Trails Funding Program	0.52	0.65	4.16	5.20	14.96	18.70	0.48	0.60	<b>25.15</b>
Private Developer		106.00		505.00		135.00			<b>746.00</b>
<b>Other Total:</b>	<b>54.29</b>	<b>162.62</b>	<b>80.02</b>	<b>598.06</b>	<b>39.76</b>	<b>178.50</b>	<b>0.48</b>	<b>0.60</b>	<b>939.78</b>
<b>Grand Total:</b>	<b>254.71</b>	<b>609.42</b>	<b>275.55</b>	<b>1,031.28</b>	<b>401.93</b>	<b>994.25</b>	<b>280.41</b>	<b>410.88</b>	<b>3,045.83</b>

**Table 1B**  
**DISTRICT OF COLUMBIA**  
**FY 2013-2018 TRANSPORTATION IMPROVEMENT PROGRAM**  
**Financial Summary (in \$Millions)**

Project Type	2013		2014		2015-2016		2017-2018		2013-2018	
	Federal	Total	Federal	Total	Federal	Total	Federal	Total	Federal	Total
Interstate		106.00		111.00		135.00				352.00
Primary	56.18	57.62	41.12	42.86	44.42	48.80	16.10	19.40	157.83	168.68
Secondary	1.20	1.50	0.78	0.98	3.16	3.95	1.14	1.43	6.28	7.85
Bridge	63.64	78.99	96.30	514.36	135.33	169.36	123.33	153.98	418.60	916.69
<b>Surface Transportation:</b>	<b>121.02</b>	<b>244.11</b>	<b>138.20</b>	<b>669.20</b>	<b>182.91</b>	<b>357.11</b>	<b>140.58</b>	<b>174.80</b>	<b>582.71</b>	<b>1,445.22</b>
<b>Transit:</b>	<b>4.32</b>	<b>121.66</b>	<b>8.74</b>	<b>129.35</b>	<b>33.54</b>	<b>282.26</b>	<b>0.00</b>	<b>0.00</b>	<b>46.60</b>	<b>533.27</b>
<b>Bike/Ped:</b>	<b>22.72</b>	<b>28.95</b>	<b>12.90</b>	<b>18.43</b>	<b>21.56</b>	<b>30.03</b>	<b>2.74</b>	<b>3.40</b>	<b>59.92</b>	<b>80.81</b>
Enhancement	4.96	6.20	1.84	2.30	3.68	4.60	3.68	4.60	14.16	17.70
ITS	20.66	26.89	18.46	24.36	36.92	48.72	30.09	39.99	106.13	139.96
Maintenance	5.30	18.10	4.80	15.59	9.60	30.27	9.60	26.29	29.30	90.25
Other	75.32	162.94	90.19	171.48	112.79	240.00	92.74	160.55	371.04	734.97
TERMs	0.41	0.56	0.42	0.58	0.93	1.27	0.99	1.24	2.75	3.65
<b>CMAQ, TERMs, Enhancements, ITS, and Other:</b>	<b>106.65</b>	<b>214.70</b>	<b>115.71</b>	<b>214.31</b>	<b>163.92</b>	<b>324.85</b>	<b>137.09</b>	<b>232.67</b>	<b>523.38</b>	<b>986.54</b>
<b>Total Funds:</b>	<b>254.71</b>	<b>609.42</b>	<b>275.55</b>	<b>1,031.28</b>	<b>401.93</b>	<b>994.25</b>	<b>280.41</b>	<b>410.88</b>	<b>1,212.60</b>	<b>3,045.83</b>

**Table 2A**  
**MARYLAND**  
**FY 2013-2018 TRANSPORTATION IMPROVEMENT PROGRAM**  
**Financial Summary by Funding Source (in \$ Millions)**

Source	2013		2014		2015-2016		2017-2018		2013-2018	
	Federal	Total	Federal	Total	Federal	Total	Federal	Total		
<b>Title I - FHWA</b>										
American Recovery and Reinvestment Act	1.40	1.40								1.40
Bridge Replacement and Rehabilitation Program	58.69	73.36	19.72	24.65	12.44	15.55				113.56
Congestion Mitigation and Air Quality Improvement Program	5.27	5.49	2.54	2.54	2.77	2.77				10.80
Earmark	3.35	4.19	3.35	4.19						
High Priority Project	2.66	3.33	3.45	4.31	2.27	2.84				
Interstate Maintenance	44.85	49.83	24.32	27.02	9.31	10.34				87.20
National Highway System	126.66	158.32	100.05	125.07	93.42	116.77				400.16
Safe Routes to School Program	4.97	4.97	2.95	2.95	2.95	2.95				
Surface Transportation Program	90.16	114.71	53.17	68.57	62.56	80.41				263.68
Highway Safety Improvement Program (STP)	4.47	4.97	2.66	2.96	2.66	2.96				10.88
<i>Title I - FHWA Total:</i>	<u>342.47</u>	<u>420.56</u>	<u>212.21</u>	<u>262.25</u>	<u>188.39</u>	<u>234.59</u>	<u>0.00</u>	<u>0.00</u>		<u>917.40</u>
<b>Title III - FTA</b>										
Section 5307	17.41	24.03	2.80	3.50	2.80	3.50				31.03
Section 5309	4.39	5.49			4.00	5.00				10.49
Section 5309 - New Starts			80.00	100.00						
Section 5309 - Fixed Guideway			0.72	0.90						
Section 5311	0.76	1.48			0.00	0.00	0.00	0.00		1.48
<i>Title III - FTA Total:</i>	<u>22.56</u>	<u>31.00</u>	<u>83.52</u>	<u>104.40</u>	<u>6.80</u>	<u>8.50</u>	<u>0.00</u>	<u>0.00</u>		<u>143.90</u>
<b>State/Local Funds</b>										
State		5.54		4.72		14.80		9.134		34.19
Local		11.30		7.84		11.25				30.39
<i>State/Local Total:</i>		<u>16.84</u>		<u>12.55</u>		<u>26.05</u>		<u>9.13</u>		<u>64.57</u>
<b>Other Funds</b>										
Grant Anticipation Revenue Vehicles (Bonds)	7.23	7.23								7.23
National Recreational Trails Funding Program	0.36	0.45	0.36	0.45	0.36	0.45				1.36
Private Developer		10.00		5.00						15.00
Public Lands	3.00	3.00	4.00	4.00	2.00	2.00				9.00
Toll Financing				4.78						4.78
<i>Other Total:</i>	<u>10.59</u>	<u>20.69</u>	<u>4.36</u>	<u>14.23</u>	<u>2.36</u>	<u>2.45</u>	<u>0.00</u>	<u>0.00</u>		<u>37.37</u>
<i>MDOT Total:</i>	<u>375.63</u>	<u>489.08</u>	<u>300.10</u>	<u>393.43</u>	<u>197.55</u>	<u>271.59</u>	<u>0.00</u>	<u>9.13</u>		<u>1,163.24</u>
<b>County Projects</b>										
Bridge Replacement and Rehabilitation Program	12.39	17.82	4.56	6.38	37.93	49.16	5.08	6.52		79.89
National Historic Covered Bridge Preservation Program	0.18	0.22								
Safe Routes to School Program	0.90	0.90								
Surface Transportation Program/Enhancements	0.48	5.96			0.49	1.76	0.49	3.52		
Section 5307	1.60	1.60	1.60	1.60	3.20	3.20	3.20	3.20		
Section 5308	3.07	3.07								
State		21.41		9.40		4.80		0.80		
Local		199.65		189.78		297.50		302.37		
State/Local Combination		14.22		7.18		6.37		6.87		34.64
Department of Defense	4.32	4.32	26.46	26.46	31.79	31.79				62.57
Private Developer		6.76		4.10		2.67				13.53
<i>Maryland County Total:</i>	<u>22.93</u>	<u>275.93</u>	<u>32.62</u>	<u>244.90</u>	<u>73.41</u>	<u>397.26</u>	<u>8.77</u>	<u>323.28</u>		<u>1,241.37</u>
<i>Maryland Total:</i>	<u>398.56</u>	<u>765.00</u>	<u>332.72</u>	<u>638.34</u>	<u>270.96</u>	<u>668.85</u>	<u>8.77</u>	<u>332.42</u>		<u>2,404.61</u>

**Table 2B**  
**MARYLAND**  
**FY 2013-2018 TRANSPORTATION IMPROVEMENT PROGRAM**  
**Financial Summary (in \$ Millions)**

Project Type	2013		2014		2015-2016		2017-2018		2013-2018	
	Federal	Total	Federal	Total	Federal	Total	Federal	Total	Federal	Total
<b>MDOT - SHA/MTA/MdTA</b>										
Interstate	35.47	41.66	24.28	29.39	0.84	3.12			60.58	74.17
Primary	82.00	109.25	72.37	103.40	77.76	106.20		3.00	232.13	321.84
Secondary	12.89	22.66	25.54	32.91	34.20	48.93			72.63	104.51
Bridge										
<b>Surface Transportation:</b>	<b>130.36</b>	<b>173.57</b>	<b>122.19</b>	<b>165.70</b>	<b>112.80</b>	<b>158.25</b>	<b>0.00</b>	<b>3.00</b>	<b>365.35</b>	<b>500.52</b>
<b>Transit:</b>	<b>23.96</b>	<b>36.62</b>	<b>84.02</b>	<b>108.40</b>	<b>7.79</b>	<b>11.99</b>	<b>0.00</b>	<b>0.00</b>	<b>115.76</b>	<b>157.00</b>
Other	221.31	276.06	93.89	116.43	76.96	95.56			392.16	488.05
TERMs		2.83		2.92		5.80		6.13		17.68
<b>TERMs and Other:</b>	<b>221.31</b>	<b>278.89</b>	<b>93.89</b>	<b>119.34</b>	<b>76.96</b>	<b>101.36</b>	<b>0.00</b>	<b>6.13</b>	<b>392.16</b>	<b>505.73</b>
<b>Total Funds (MDOT):</b>	<b>375.63</b>	<b>489.08</b>	<b>300.10</b>	<b>393.43</b>	<b>197.55</b>	<b>271.59</b>	<b>0.00</b>	<b>9.13</b>	<b>873.27</b>	<b>1,163.24</b>
<b>Frederick, Montgomery &amp; Prince George's Counties</b>										
Primary		1.01		10.35		25.04				36.40
Secondary	0.48	63.46	0.35	57.98	7.46	70.87		69.50	8.28	261.81
Bridge	12.09	18.55	4.21	8.35	30.46	40.94	5.08	6.65	51.85	74.49
<b>Surface Transportation:</b>	<b>12.57</b>	<b>83.02</b>	<b>4.56</b>	<b>76.68</b>	<b>37.93</b>	<b>136.85</b>	<b>5.08</b>	<b>76.15</b>	<b>60.14</b>	<b>372.70</b>
<b>Transit:</b>	<b>4.67</b>	<b>13.65</b>	<b>1.60</b>	<b>28.03</b>	<b>3.20</b>	<b>39.52</b>	<b>3.20</b>	<b>81.54</b>	<b>12.67</b>	<b>162.73</b>
<b>Bike/Ped:</b>	<b>5.69</b>	<b>56.12</b>	<b>26.46</b>	<b>47.20</b>	<b>32.28</b>	<b>76.19</b>	<b>0.49</b>	<b>52.75</b>	<b>64.93</b>	<b>232.25</b>
ITS		5.67		5.12		8.02		4.02	0.00	22.82
Enhancements		1.71		3.20		10.57		5.25		20.73
Maintenance		28.68		17.37		35.09		35.00	0.00	116.13
Other		87.09		67.30		91.03		68.58		314.00
<b>Enhancements, ITS and Other:</b>	<b>0.00</b>	<b>123.14</b>	<b>0.00</b>	<b>92.99</b>	<b>0.00</b>	<b>144.70</b>	<b>0.00</b>	<b>112.85</b>	<b>0.00</b>	<b>473.68</b>
<b>Total Funds (Counties):</b>	<b>22.93</b>	<b>275.93</b>	<b>32.62</b>	<b>244.90</b>	<b>73.41</b>	<b>397.26</b>	<b>8.77</b>	<b>323.28</b>	<b>137.74</b>	<b>1,241.37</b>
<b>Total Funds (Maryland):</b>	<b>398.56</b>	<b>765.00</b>	<b>332.72</b>	<b>638.34</b>	<b>270.96</b>	<b>668.85</b>	<b>8.77</b>	<b>332.42</b>	<b>1,011.01</b>	<b>2,404.61</b>

**Table 3A  
VIRGINIA  
FY 2013-2018 TRANSPORTATION IMPROVEMENT PROGRAM  
Financial Summary by Funding Source (in \$ Millions)**

Source	2013		2014		2015-2016		2017-2018		2013-2018
	Federal	Total	Federal	Total	Federal	Total	Federal	Total	Total
<b>Title I - FHWA</b>									
Bridge Replacement and Rehabilitation Program	44.52	55.65	54.35	67.93	52.75	65.94			189.52
Congestion Mitigation and Air Quality Improvement Program	2.10	2.63	8.78	10.97					13.59
Demonstration Project			2.48	3.10					
Earmark	14.62	18.28	2.15	2.69					
Equity Balance/Minimum Guarantee	46.13	48.78	44.03	45.92	46.23	48.75			143.44
Federal Lands Highway Program			2.66	2.66					
Interstate Maintenance	28.65	28.71	30.60	30.60	46.62	47.02			106.32
National Highway System	50.82	54.05	53.98	56.68	70.38	74.04			184.76
Regional Surface Transportation Program	3.83	4.79	1.68	2.11	6.87	8.59			15.48
Surface Transportation Program	52.01	56.63	53.63	58.62	65.74	73.58	26.73	33.41	222.23
Hazard Elimination Safety Improvement Prog (STP)	0.57	0.71							
Highway Safety Improvement Program (STP)	2.46	2.74	0.69	0.77	0.03	0.03			3.54
<i>Title I - FHWA Total:</i>	<i>245.72</i>	<i>272.94</i>	<i>255.02</i>	<i>282.03</i>	<i>288.63</i>	<i>317.94</i>	<i>26.73</i>	<i>33.41</i>	<i>906.32</i>
<b>Title III - FTA</b>									
Section 5307	9.74	12.17	9.89	12.37	22.13	27.67	18.67	23.34	75.54
Section 5309	3.92	4.90	2.46	3.07	6.51	8.14	6.04	7.55	23.66
Section 5309 - Bus	6.84	8.55			5.21	6.51			
Section 5309 - Fixed Guideway	96.00	96.00	96.00	96.00	91.72	91.72			283.72
Section 5309 - New Starts	4.11	5.14	5.20	6.50	4.31	5.38	15.16	18.94	35.96
Section 5310	0.07	0.09	0.12	0.15	0.12	0.15			0.39
<i>Title III - FTA Total:</i>	<i>120.67</i>	<i>126.84</i>	<i>113.67</i>	<i>118.09</i>	<i>130.00</i>	<i>139.57</i>	<i>39.87</i>	<i>49.83</i>	<i>434.33</i>
<b>State/Local Funds</b>									
Bond		37.99		40.32		3.00			81.32
Local Funds		777.93		865.46		1,482.61			3,126.00
State Funds		4.00							4.00
Revenue Sharing		13.51							
Tax District		131.10		92.78					223.88
<i>State/Local Total:</i>		<i>964.54</i>		<i>998.56</i>		<i>1,485.61</i>			<i>3,448.70</i>
<b>Other Funds</b>									
Advanced Construction	1.10	1.38	13.59	15.73	3.47	4.33			21.44
Advanced Construction Conversion	95.65	114.47	83.96	99.09	112.29	127.85	18.44	20.49	361.90
Private		592.15		0.15		0.20			592.50
<i>Other Total:</i>	<i>96.75</i>	<i>708.00</i>	<i>97.55</i>	<i>114.97</i>	<i>115.76</i>	<i>132.39</i>	<i>18.44</i>	<i>20.49</i>	<i>975.84</i>
<i>Virginia Total:</i>	<i>463.14</i>	<i>2,072.31</i>	<i>466.24</i>	<i>1,513.65</i>	<i>534.38</i>	<i>2,075.50</i>	<i>85.03</i>	<i>103.73</i>	<i>5,765.19</i>

**Table 3B**  
**VIRGINIA**  
**FY 2013-2018 TRANSPORTATION IMPROVEMENT PROGRAM**  
**Financial Summary (in Millions of Dollars)**

Project Type	2013		2014		2015-2016		2017-2018		2013-2018	
	Federal	Total	Federal	Total	Federal	Total	Federal	Total	Federal	Total
Interstate	96.82	708.15	78.20	91.95	116.49	140.60	18.44	20.49	309.95	961.18
Primary	10.11	14.46	22.40	28.55	3.22	4.02			35.72	47.04
Secondary		43.38	1.20	35.99					1.20	79.37
Bridge	47.21	59.01	63.92	79.90	57.30	71.62			168.42	210.53
<b>Surface Transportation:</b>	<b>154.14</b>	<b>825.00</b>	<b>165.72</b>	<b>236.39</b>	<b>177.00</b>	<b>216.24</b>	<b>18.44</b>	<b>20.49</b>	<b>515.30</b>	<b>1,298.11</b>
<b>Transit:</b>	<b>132.84</b>	<b>1,057.61</b>	<b>127.94</b>	<b>1,096.24</b>	<b>154.73</b>	<b>1,648.29</b>	<b>66.60</b>	<b>83.24</b>	<b>482.10</b>	<b>3,885.38</b>
<b>Bike/Ped:</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
Enhancement	1.38	5.41		1.43					1.38	6.84
ITS	21.31	26.64	21.84	27.30	22.39	27.98			65.54	81.92
Maintenance	135.32	135.32	145.61	146.02	169.33	169.33			450.26	450.67
Other	18.16	22.34	5.13	6.27	10.93	13.66			34.22	42.27
<b>Enhancements, ITS, Maintenance and Other:</b>	<b>176.16</b>	<b>189.71</b>	<b>172.58</b>	<b>181.02</b>	<b>202.65</b>	<b>210.98</b>	<b>0.00</b>	<b>0.00</b>	<b>551.39</b>	<b>581.71</b>
<b>Total Funds:</b>	<b>463.14</b>	<b>2,072.31</b>	<b>466.24</b>	<b>1,513.65</b>	<b>534.38</b>	<b>2,075.50</b>	<b>85.03</b>	<b>103.73</b>	<b>1,548.80</b>	<b>5,765.19</b>

**Table 4A**  
**Washington Metropolitan Area Transit Authority**  
**FY 2013-2018 TRANSPORTATION IMPROVEMENT PROGRAM**  
**Financial Summary (in \$ Millions)**

Source	2013		2014		2015-2016		2017-2018		2013-2018
	Federal	Total	Federal	Total	Federal	Total	Federal	Total	
<b>Title I - FHWA</b>									
CMAQ	4.04	5.05	1.29	1.61	7.68	9.60	3.84	4.80	<b>21.06</b>
<i>Title III - FTA Total:</i>	<u>4.04</u>	<u>5.05</u>	<u>1.29</u>	<u>1.61</u>	<u>7.68</u>	<u>9.60</u>	<u>3.84</u>	<u>4.80</u>	<u><b>21.06</b></u>
<b>Title III - FTA</b>									
Section 5307	139.37	174.21	136.72	170.90	300.40	375.50	324.10	405.12	<b>1,125.73</b>
Section 5309	101.27	126.58	103.80	129.75	218.62	273.28	234.77	293.46	<b>823.07</b>
Section 5317 - New Freedom	0.80	1.00							<b>1.00</b>
Passenger Rail Investment and Improvement Act	150.00	300.00	150.00	300.00	300.00	600.00	300.00	600.00	<b>1,800.00</b>
State of Good Repair	1.20	1.50	1.03	1.28					<b>2.78</b>
<i>Title III - FTA Total:</i>	<u>392.63</u>	<u>603.29</u>	<u>391.54</u>	<u>601.93</u>	<u>819.02</u>	<u>1,248.78</u>	<u>858.87</u>	<u>1,298.58</u>	<u><b>3,752.58</b></u>
<b>State/Local</b>									
		162.71		126.27		237.02		225.82	<b>751.81</b>
<i>State/Local Total:</i>		<u>162.71</u>		<u>126.27</u>		<u>237.02</u>		<u>225.82</u>	<u><b>751.81</b></u>
<b>Other Funds</b>									
Federal Security Grant (DHS)	4.21	4.21							<b>4.21</b>
<i>Other Total:</i>	<u>4.21</u>	<u>4.21</u>		<u>0.00</u>		<u>0.00</u>		<u>0.00</u>	<u><b>4.21</b></u>
<b>Grand Total:</b>	<b>400.88</b>	<b>775.26</b>	<b>392.83</b>	<b>729.81</b>	<b>826.70</b>	<b>1,495.40</b>	<b>862.71</b>	<b>1,529.20</b>	<b>4,529.66</b>

**Table 5**  
**National Capital Region Transportation Planning Board**  
**FY 2013-2018 TRANSPORTATION IMPROVEMENT PROGRAM**  
**Financial Summary (in \$ Millions)**

Source	2013		2014		2015-2016		2017-2018		2013-2018
	Federal	Total	Federal	Total	Federal	Total	Federal	Total	
<b>Title III - FTA</b>									
Section 5316 - JARC	1.20	1.20							<b>1.20</b>
Section 5317 - New Freedom	0.90	0.90							<b>0.90</b>
ARRA/TIGER	16.44	16.44							<b>16.44</b>
<i>Title III - FTA Total:</i>	<u>18.54</u>	<u>18.54</u>	<u>2.20</u>	<u>2.20</u>	<u>0.20</u>	<u>0.20</u>	<u>0.00</u>	<u>0.00</u>	<b><u>20.94</u></b>

**Table 6A  
METROPOLITAN WASHINGTON REGION  
FY 2013-2018 TRANSPORTATION IMPROVEMENT PROGRAM  
Financial Summary by Funding Source (in \$ Millions)**

Source	2013		2014		2015-2016		2017-2018		2013-2018
	Federal	Total	Federal	Total	Federal	Total	Federal	Total	
<b>Title I - FHWA</b>									
American Recovery and Reinvestment Act	2.595	2.595	1.2	1.2					<b>3.80</b>
Bridge Replacement and Rehabilitation Program	152.61	193.09	128.76	161.63	179.32	225.91	86.04	107.72	<b>688.35</b>
Congestion Mitigation and Air Quality Improvement Program	37.83	46.19	18.55	22.55	18.57	22.53	10.59	13.24	<b>104.51</b>
Earmark	17.97	22.46	5.50	6.87					
Equity Balance/Minimum Guarantee	46.13	48.78	44.03	45.92	46.23	48.75			<b>143.44</b>
Federal Lands Highway Program			2.66	2.66					
High Priority Project	2.66	3.33	3.45	4.31	2.27	2.84			
Interstate Maintenance	73.50	78.54	55.60	58.48	58.01	59.97	0.69	0.86	<b>197.85</b>
National Highway System	213.55	256.89	199.95	238.63	273.42	326.74	46.63	57.74	<b>879.99</b>
National Historic Covered Bridge Preservation Program	0.18	0.22							
Regional Surface Transportation Program	3.83	4.79	1.68	2.11	6.87	8.59			<b>15.48</b>
Safe Routes to School Program	6.36	6.36	3.45	3.45	3.95	3.95	1.30	1.30	<b>15.07</b>
State Planning & Research Program	5.38	6.72	5.54	6.92	10.75	13.44	10.75	13.44	<b>40.52</b>
Surface Transportation Program	224.70	272.07	180.41	217.28	267.22	323.10	145.65	178.35	<b>990.80</b>
Enhancements (STP)	2.32	8.26	1.84	2.30	4.17	6.36	4.17	8.12	<b>25.05</b>
Hazard Elimination Safety Improvement Program (STP)	0.57	0.71							
Highway Safety Improvement Program (STP)	12.08	13.43	10.37	11.52	12.94	14.37	10.25	11.38	<b>50.70</b>
<b>Title I - FHWA Total:</b>	<b>802.26</b>	<b>964.44</b>	<b>662.99</b>	<b>785.82</b>	<b>883.74</b>	<b>1,056.54</b>	<b>316.07</b>	<b>392.16</b>	<b>3,198.95</b>
<b>Title III - FTA</b>									
ARRA/TIGER	16.44	16.44	2.20	2.20	0.20	0.20			<b>18.84</b>
Passenger Rail Investment and Improvement Act of 2008	150.00	300.00	150.00	300.00	300.00	600.00	300.00	600.00	
State of Good Repair	1.20	1.50	1.03	1.28					
Section 5303 - Planning Program	0.38	0.48	0.38	0.48	0.76	0.95			
Section 5307 - Urbanized Area Formula Program	168.12	212.00	151.01	188.36	328.53	409.87	345.97	431.66	<b>1,241.90</b>
Section 5309 - Clean Fuels Grant Program	3.07	3.07							
Section 5309 - Capital Program	113.18	141.47	106.26	132.82	229.13	286.42	240.81	301.01	<b>861.72</b>
Section 5309 - Bus	6.84	8.55			5.21	6.51			<b>15.06</b>
Section 5309 - Fixed Guideway	96.00	96.00	176.00	196.00	91.72	91.72			<b>383.72</b>
Section 5309 - New Starts	4.11	5.14	5.92	7.40	4.31	5.38	15.16	18.94	<b>36.86</b>
Section 5310 - Elderly & Persons with Disabilities Program	0.42	0.52	0.48	0.60	0.90	1.12			<b>2.24</b>
Section 5311 - Non-Urbanized Area Formula Program	0.76	1.48							<b>1.48</b>
Section 5316 - Job Access and Reverse Commute (JARC)	1.20	1.20							<b>1.20</b>
Section 5317 - New Freedom	1.6968	1.896							<b>1.90</b>
<b>Title III - FTA Total:</b>	<b>563.40</b>	<b>789.74</b>	<b>593.27</b>	<b>829.14</b>	<b>960.76</b>	<b>1,402.17</b>	<b>901.93</b>	<b>1,351.62</b>	<b>4,372.67</b>
<b>State/Local</b>									
Bond		154.01		158.74		243.34			<b>556.09</b>
Local Funds		1,151.60		1,189.34		2,028.37		528.19	<b>4,897.49</b>
State Funds		111.33		88.35		149.61		76.31	<b>425.60</b>
State/Local		18.22		7.18		6.37		6.87	<b>38.65</b>
Tax District		131.10		92.78					<b>223.88</b>
<b>State/Local Total:</b>		<b>1,566.26</b>		<b>1,536.38</b>		<b>2,427.70</b>		<b>611.37</b>	<b>6,141.71</b>
<b>Other</b>									
Advanced Construction	1.10	1.38	13.59	15.73	3.47	4.33			<b>21.44</b>
Advanced Construction Conversion	95.65	114.47	83.96	99.09	112.29	127.85	18.44	20.49	<b>361.90</b>
AMTRAK	0.81	1.02							<b>1.02</b>
Demonstration Project			4.88	6.10					<b>6.10</b>
Department of Defense	4.32	4.32	26.46	26.46	31.79	31.79			<b>62.57</b>
Federal Railroad Administration Earmark	1.77	3.54	2.00	4.00					<b>7.54</b>
Federal Security Grand (DHS)	4.21	4.21							<b>4.21</b>
General Services Administration Earmark	50.32	50.32	33.86	33.86	24.80	24.80			
Grant Anticipation Revenue Vehicles (Bonds)	7.23	7.23	40.00	50.00					<b>57.23</b>
National Park Service	0.87	1.09							<b>1.09</b>
National Recreational Trails Funding Program	0.88	1.10	4.52	5.65	15.32	19.15	0.48	0.60	<b>26.51</b>
Private Developer		714.91		514.25		137.87			<b>1,367.03</b>
Public Lands	3.00	3.00	4.00	4.00	2.00	2.00			<b>9.00</b>
Revenue Sharing		13.51							<b>13.51</b>
Toll Financing				4.78					<b>4.78</b>
<b>Other Total:</b>	<b>170.16</b>	<b>920.09</b>	<b>213.28</b>	<b>763.93</b>	<b>189.67</b>	<b>347.80</b>	<b>18.92</b>	<b>21.09</b>	<b>2,052.91</b>
	<b>1,535.83</b>	<b>4,240.53</b>	<b>1,469.54</b>	<b>3,915.27</b>	<b>2,034.17</b>	<b>5,234.20</b>	<b>1,236.92</b>	<b>2,376.22</b>	<b>15,766.23</b>

**Table 6B**  
**METROPOLITAN WASHINGTON REGION**  
**FY 2013-2018 TRANSPORTATION IMPROVEMENT PROGRAM**  
**Financial Summary (in \$Millions)**

Project Type	2013		2014		2015-2016		2017-2018		2013-2018	
	Federal	Total								
Interstate	132.29	855.81	102.48	232.34	117.33	278.72	18.44	20.49	<b>370.54</b>	<b>1,387.35</b>
Primary	148.29	182.35	135.89	185.16	125.39	184.06	16.10	22.40	<b>425.68</b>	<b>573.96</b>
Secondary	14.57	131.00	27.87	127.85	44.82	123.75	1.14	70.92	<b>88.40</b>	<b>453.53</b>
Bridge	122.94	156.54	164.43	602.61	223.09	281.92	128.42	160.63	<b>638.87</b>	<b>1,201.71</b>
<b>Surface Transportation:</b>	<b>418.09</b>	<b>1,325.70</b>	<b>430.67</b>	<b>1,147.96</b>	<b>510.63</b>	<b>868.45</b>	<b>164.09</b>	<b>274.44</b>	<b>1,523.49</b>	<b>3,616.55</b>
<b>Transit:</b>	<b>583.10</b>	<b>2,021.23</b>	<b>617.33</b>	<b>2,094.02</b>	<b>1,026.16</b>	<b>3,477.65</b>	<b>932.50</b>	<b>1,693.98</b>	<b>3,159.09</b>	<b>9,286.87</b>
<b>Bike/Ped:</b>	<b>28.41</b>	<b>85.07</b>	<b>39.36</b>	<b>65.63</b>	<b>53.84</b>	<b>106.22</b>	<b>3.23</b>	<b>56.15</b>	<b>124.85</b>	<b>313.06</b>
Enhancement	6.34	13.32	1.84	6.93	3.68	15.17	3.68	9.85	<b>15.54</b>	<b>45.27</b>
ITS	41.97	59.20	40.30	56.78	59.31	84.72	30.09	44.01	<b>171.67</b>	<b>244.70</b>
Human Service Transportation Coordination	2.10	2.10							<b>2.10</b>	<b>2.10</b>
Maintenance	140.62	182.10	150.41	178.98	178.93	234.68	9.60	61.29	<b>479.56</b>	<b>657.05</b>
Other	314.79	548.43	189.21	361.48	200.69	440.25	92.74	229.13	<b>797.42</b>	<b>1,579.29</b>
TERMs	0.41	3.39	0.42	3.50	0.93	7.07	0.99	7.37	<b>2.75</b>	<b>21.33</b>
<b>CMAQ, TERMs, Enhancements, ITS, and Other:</b>	<b>506.23</b>	<b>808.54</b>	<b>382.18</b>	<b>607.67</b>	<b>443.54</b>	<b>781.89</b>	<b>137.09</b>	<b>351.66</b>	<b>1,469.03</b>	<b>2,549.75</b>
<b>Total Funds:</b>	<b>1,535.83</b>	<b>4,240.53</b>	<b>1,469.54</b>	<b>3,915.27</b>	<b>2,034.17</b>	<b>5,234.20</b>	<b>1,236.92</b>	<b>2,376.22</b>	<b>6,276.46</b>	<b>15,766.23</b>

## **VII**

### **KEY TO CODES**



## PROGRAM CODES AND ABBREVIATIONS

### (1) CODES FOR PROJECT PHASE

These abbreviations are used after the dollar figures in the tables to indicate the purpose of funding:

Preliminary Engineering .....	a
Right-of-way Acquisition .....	b
Construction .....	c
Study .....	d
Other (Operations, bus purchases, etc.) .....	e

### (2) ABBREVIATIONS FOR SOURCE OF FUNDS

Identification of the funding source is for programming purposes only, and does not necessarily represent approval from the appropriate federal agency.

#### FHWA – TITLE I

ARRA .....	American Recovery and Reinvestment Act
BR .....	Bridge Replacement and Rehabilitation Program
CMAQ.....	Congestion Mitigation and Air Quality Improvement Program
DEMO.....	Demonstration
Earmark .....	Federal Earmark
EB/MG .....	Equity Balance/Minimum Guarantee
FLHP .....	Federal Lands Highway Program
HES/STP .....	Hazard Elimination Safety (STP)
HPP .....	High Priority Project
HSIP .....	Highway Safety Improvement Program (STP)
IM.....	Interstate Maintenance
NHS .....	National Highway System
NHCBP.....	National Historic Covered Bridge Preservation Program
PRP .....	Park Roads and Parkways
RSTP .....	Regional Surface Transportation Program
SPR .....	State Planning & Research-Metropolitan Planning
SRTS.....	Safe Routes to School Program
STP .....	Surface Transportation Program
STP/E.....	Enhancement
TIGER .....	Transportation Investment Generating Economic Recovery

### FTA – TITLE III

ARRA/Rail .....	Stimulus Funding for Rail
PRIIA .....	Passenger Rail Investment and Improvement Act of 2008
SGR.....	State of Good Repair
Section 5303 .....	Planning Program
Section 5307 .....	Urbanized Area Formula Program
Section 5308 .....	Clean Fuels Grant Program
Section 5309 .....	Capital Program
Section 5309-B .....	Bus
Section 5309-FG .....	Fixed Guideway
Section 5309-NS .....	New Starts
Section 5310 .....	Elderly & Persons with Disabilities Program
Section 5311 .....	Non-Urbanized Area Formula Program
Section 5316 .....	Job Access/Reverse Commute (JARC)
Section 5317 .....	New Freedom

### Other Funding Sources

AC, ACC .....	Advanced Construction, Conversion
AMTRAK .....	AMTRAK
BD.....	Bonds (local or state)
DOD.....	Department of Defense
FRA .....	Federal Railroad Administration Earmark
FSG .....	Federal Security Grant (Dep't. of Homeland Security)
GSA.....	General Services Administration Earmark
GARVEE .....	Grant Anticipation Revenue Vehicles (Bonds)
Local .....	Local Funds
NPS.....	National Park Service
NRT .....	National Recreational Trails
PRIV.....	Private Developer
PL.....	Public Lands
REVSH.....	Revenue Sharing
State/DC.....	State or District of Columbia funds
State/Local .....	Combination State and Local funding
TD .....	Tax District
TF.....	Toll Financing