

NATIONAL CAPITAL REGION TRANSPORTATION PLANNING BOARD
777 North Capitol Street, N.E.
Washington, D.C. 20002

RESOLUTION APPROVING
THE TRANSPORTATION IMPROVEMENT PROGRAM FOR FY 2011-2016

WHEREAS, the National Capital Region Transportation Planning Board (TPB), which is the metropolitan planning organization (MPO) for the Washington Region, has the responsibility under the provisions of the Safe, Accountable, Flexible, and Efficient Transportation Equity Act - A Legacy for Users (SAFETEA-LU) of 2005 for developing and carrying out a continuing, cooperative and comprehensive transportation planning process for the Metropolitan Area; and

WHEREAS, the Federal Planning Regulations of the Federal Transit Administration (FTA) and the Federal Highway Administration (FHWA) implementing SAFETEA-LU, which became effective July 14, 2007, specify the development and content of the long range transportation plan and require that it be reviewed and updated at least every four years; and

WHEREAS, the TIP is required by FHWA and FTA as a basis and condition for all federal funding assistance to state, local and regional agencies for transportation improvements within the Washington planning area; and

WHEREAS, on July 15, 2009, the TPB approved the 2009 Constrained Long-Range Transportation Plan (CLRP) and FY 2010-2015 TIP which were developed as specified in the Federal Planning Regulations; and

WHEREAS, on July 15, 2009, the TPB directed TPB staff to include in the FY 2010-2015 TIP and subsequent TIPs a separate analysis and description of bicycle and pedestrian projects with funding levels where possible; and

WHEREAS, on November 18, 2009, the TPB issued a solicitation document for projects and strategies to be included in the 2010 CLRP and FY 2011-2016 TIP that will meet federal planning requirements and address the federal planning factors and goals in the TPB Vision; and

WHEREAS, the transportation implementing agencies in the region provided submissions for the 2010 CLRP and inputs to the FY 2011-2016 TIP, and the TPB Technical Committee and the TPB reviewed the submissions at meetings in April, September and October 2010; and

WHEREAS, on May 19, 2010, the TPB approved the major projects submitted for inclusion in the air quality conformity assessment for the 2010 CLRP and FY 2011-2016 TIP; and

WHEREAS, on October 14, 2010, the draft 2010 CLRP, the FY 2011-2016 TIP, and conformity assessment were released for a 30-day public comment period and inter-agency review at the TPB Citizens Advisory Committee (CAC) meeting; and

WHEREAS, the FY 2011-2016 TIP projects are consistent with the 2010 CLRP as approved by the TPB on November 17, 2010; and are selected in accordance with the Federal Planning Regulations; and

WHEREAS, the FY 2011-2016 TIP has been developed to meet the financial requirements in the Federal Planning Regulations; and

WHEREAS, on November 17, 2010, the TPB determined that the 2010 CLRP and FY 2011-2016 TIP conform with the requirements of the Clean Air Act Amendments of 1990; and

WHEREAS, the U.S. Department of Transportation issued regulations in 1991 on providing transit services to persons with disabilities to conform to the Americans With Disabilities Act (ADA) of 1990, and by January 1997, both the Washington Metropolitan Area Transit Authority and Frederick County ADA Paratransit services were operating as planned in conformance with the regulations; and

WHEREAS, during the development of the 2010 CLRP and FY 2011-2016 TIP, the TPB Participation Plan was followed, and numerous opportunities were provided for public comment: (1) At the April 15, 2010 TPB Citizens Advisory Committee (CAC) meeting, the project submissions for inclusion in the air quality conformity analysis of the plan and the air quality conformity work scope were released, and an opportunity for public comment on these submissions was provided at the beginning of the May TPB meeting; (2) At the May 19 meeting, the TPB approved a set of responses to the public comments on the project submissions for inclusion in the CLRP and TIP documents; (3) On July 8, 2010 the 2010 CLRP was presented to the TPB's Access for All Advisory Committee for their consideration and comment; (4) On October 14 in conjunction with the CAC meeting, a public meeting was held on the draft 2010 CLRP and the 2010 financial analysis, the draft FY 2011-2016 TIP, and the draft air quality conformity analysis, and the plan and TIP documents were released for a 30-day public comment period which closed on November 13, (5) An opportunity for public comment on these documents was provided on the TPB web page and at the beginning of the October and November TPB meetings; and (6) the final version of the TIP will include summaries of all comments and responses; and

WHEREAS, the TPB Technical Committee has recommended favorable action on the FY 2011-2016 TIP by the Board,

NOW, THEREFORE, BE IT RESOLVED THAT the NATIONAL CAPITAL REGION TRANSPORTATION PLANNING BOARD approves the enclosed Transportation Improvement Program for FY 2011-2016.

Adopted by the Transportation Planning Board at its regular meeting on November 17, 2010.



TRANSPORTATION IMPROVEMENT PROGRAM

For the Metropolitan Washington Region

FY 2011 – 2016



November 17, 2010

FINAL DRAFT FOR APPROVAL

The preparation of this report was financially aided through grants from the District of Columbia Department of Transportation, the Maryland Department of Transportation, the Virginia Department of Rail & Public Transportation, the Virginia Department of Transportation, Federal Highway Administration, and the U.S. Department of Transportation, Federal Transit Administration, under the Urban Mass Transportation Act of 1964, as amended.

**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 2009 CLRP was adopted on July 15, 2009.

This is the fifth 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 September.

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 below. The full TPB Vision which includes policy goals, objectives and strategies can be found at the TPB website: www.mwcog.org/transportation. The eight policy goals are shown in Figure 2 below. 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)

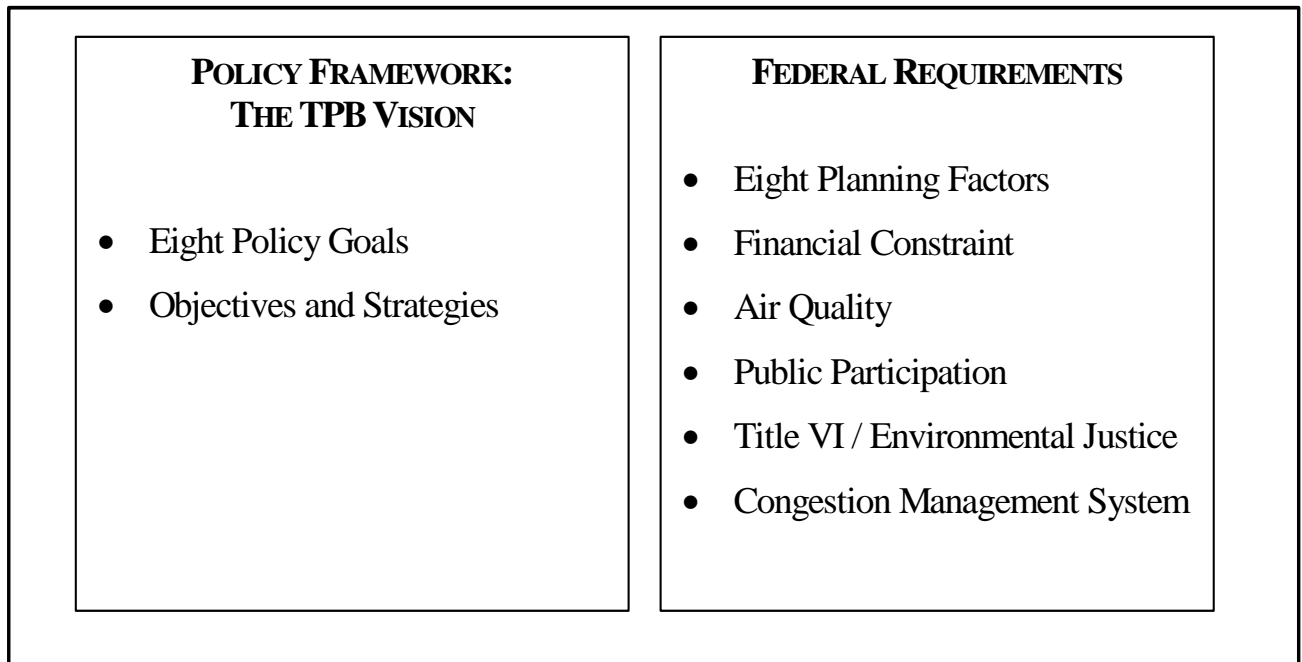


Figure 2: The TPB Vision Policy Goals

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.**

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 2011 to 2016. It identifies a priority list of projects and project segments to be carried out with federal funding under SAFETEA-LU. It is normally updated every year 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 2010-2015 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 appear under **KEY TO CODES** at the end of the improvement tables section.

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.

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 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.

III. DEVELOPMENT OF THE PROGRAM

Program Development Process

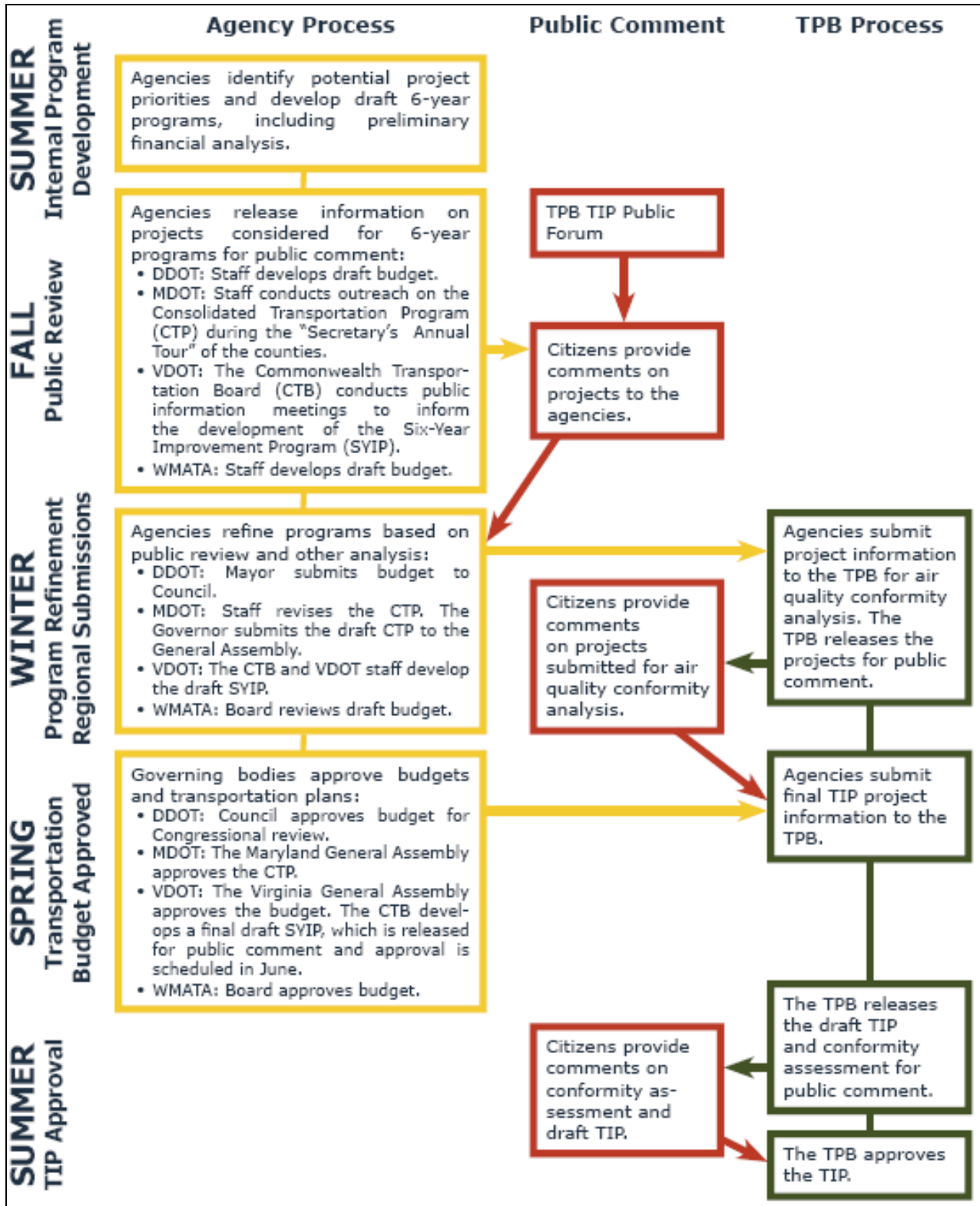
The TPB transportation planning process is an ongoing cycle, and each year the TPB approves amendments to the CLRP and a new TIP that meet federal requirements and help to implement the TPB Vision. Preparatory work on this TIP and CLRP began in the fall 2009. Final approval is expected on November 17, 2010. 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 November 2009, the TPB issued a Call for Projects document and the transportation implementing agencies submitted their proposed major projects in April 2010. In May, the TPB approved the project submissions for inclusion in the air quality conformity analysis.

Between May and September, the implementing agencies obtained funding commitments and provided inputs for the draft TIP. Over the summer, TPB staff prepared the draft CLRP documentation, the draft TIP, and the draft air quality conformity analysis to be released for public comment in October with TPB approval scheduled in November.

Each year 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



Project Development Process¹

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

¹For 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.

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.

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.

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 2010 program in this TIP are based on the projects laid out in the Metro Matters agreement and the draft 2010 budget. The next funding agreement will become effective in June 2010. The 2011-2015 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.

- 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 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) 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 2010 program in this TIP are based on the projects laid out in the Metro Matters agreement and the draft 2010 budget. The 2011-2015 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.

Addressing Federal Requirements

In updating the 2010 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 21st 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;

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- 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.

The goals, objectives and strategies in the TPB Vision (see the TPB website at 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.

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 2011 and FY 2012 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 2010 CLRP as approved by the TPB on November 17, 2010,

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_{2.5}, or particulate matter less than or equal to 2.5 micrometers in diameter). The 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 September 11, 2008, the TPB Citizens Advisory Committee (CAC) hosted a Public meeting on the TIP and CLRP development process. Draft versions of the project submissions for the air quality conformity assessment were made available to interested members of groups and the general public at the CAC meeting on January 15, 2009. On January 28, the TPB was briefed on the submissions. On February 18, 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 11, 2009, the draft air quality conformity analysis, the draft 2009 CLRP, the draft FY 2010-2015 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 11, 2009. 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 17 and July 15 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 15, 2009.

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 28, February 18, March 18, June 17 and July 15. 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 May 26, 2009, 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.

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, including the Springfield Interchange and the Woodrow Wilson Bridge, 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

D – 1


Transit Capital

D – 29

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


FINAL DRAFT

Source	Fed/St/Loc	Previous Funding	FY 11	FY 12	FY 13	FY14	FY 15	FY 16	Source Total
Interstate									
Return to L'Enfant									
TIP ID: 5718		Agency ID:		Title: Return to L'Enfant				Complete: 2014	

Facility: I 395 Center Leg Freeway	PRIV	0/0/100	2,000 a	5,000 a	5,000 a	50,000 c	50,000 c	50,000 c	50,000 c	210,000
From: Massachusetts Avenue, NW										Total Funds: 210,000
To: E St., NW (Between 2nd & 3rd)										
Description: Street and Massachusetts Avenue NW, and available terra firma pieces between 3rd Street NW and I-395.  The projected development will cover the sunken I-395 highway with three city blocks and two new Rights of Way (ROWs) at G and F Streets NW, by means of an at-grade platform above the highway. The city blocks will have a total of 2.3 million square feet of office, residential, retail, and public space, with parking garage and service corridor below grade. By creating new building walls along the edges of G and F Streets, the development will demarcate and establish the L'Enfant plan vistas and reconnect the city grid by adding pedestrian and vehicular corridors. Key transportation components of the project include the following items (noted by letter when a question is applicable to individual aspects; otherwise, applicable to the entire project noted with "X"): A. Closure of the I-395 Southbound Exit Ramp to the 400 block of 3rd Street, NW B. Reconnection of F Street, NW between 2nd and 3rd Streets, for vehicular, pedestrian and bicycle traffic C. Reconnection of G Street, NW between 2nd and 3rd Streets, for bicycle and pedestrian traffic D. Reconfiguration of the I-395 Southbound Entrance Ramp from the 600 block of 3rd Street, NW E. Reconfiguration of the I-395 Northbound Exit Ramp to the 500 block of 2nd Street, NW										

Primary									
Anacostia Waterfront Initiative									
TIP ID: 5723		Agency ID: AW003		Title: St. Elizabeths Campuses Access Improvements				Complete: 2015	

Facility: Earmark	100/0/0		2,800 a	12,200 a	6,420 a	2,440 a	24,800 c		158,110
From:			5,500 c	28,630 c	43,900 c	31,420 c			
To: Earmark.	80/0/20	3,500 a							
		11,000 b							
		35,000 c							
	NHS	80/20/0	2,300 d	1,000 d					1,000
									Total Funds: 159,110

Description: Multimodal transportation improvements associated with the redevelopment of St. Elizabeth's East and West Campuses to provide better access to the two campuses. Improvements may include: 

- I-295 interchange reconfigurations
- Roadway infrastructure in and around the two campuses
- MLK Ave, Malcolm X Ave, Firth Sterling, Alabama Ave

The General Services Administration (GSA) of the federal government will provide funding for the "earmark" portion.

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

FINAL DRAFT

	Source	Fed/St/Loc	Previous Funding	FY 11	FY 12	FY 13	FY14	FY 15	FY 16	Source Total
TIP ID: 3290 Agency ID: AW008, SR048A, SR0 Title: Kenilworth Avenue Corridor Complete: 2017										
Facility:	NHS	80/20/0			500 a	5,000 c				5,500
From:	STP	80/20/0						3,124 a		3,124
To:										Total Funds: 8,624

Description: Near-term improvements recommended in the Kenilworth Avenue Corridor Study include:

- New Connection from WB East Capitol St. to NB and SB Kenilworth Ave.
- Slip Ramp Safety Improvements
- Corridor Landscaping
- Bicycle and Pedestrian Improvements
- Lighting and Signage Improvements
- Pedestrian Bridge Improvements
- Mid-term improvements:
 - East Capitol St. Interchange Improvements
 - Neighborhood Identification Program
 - Replace/improve Bridge at Minnesota Ave. and Deanwood Metro Station
 - Pedestrian- and bicycle-related Improvements
- Long-term improvements:
 - Reconfigure East Capitol St. Interchange
 - Reconfigure Benning Rd. Interchange
 - Extend Olive St.
 - Construction of Park Rd.
 - Construction of Massachusetts Ave. Park Road Bridge Interchange:
 - Realignment of ramp from Benning Rd. to SB Kenilworth Ave. and mainline SB Kenilworth Ave. lanes
 - New exit from SB Kenilworth Ave. to River Terr. neighborhood
 - Realignment of ramp from NB Kenilworth Ave. to Benning Rd.
 - New ramp from Benning Rd. to NB Kenilworth Ave.
 - New traffic signal on Benning Rd. at NB ramps to and from Kenilworth Ave.



TIP ID: 5802 Agency ID: CD044A Title: Program Manager AWI Complete:										
Facility:	Earmark	80/20/0		1,000 a						1,000
From:	SP	80/20/0		7,577 c	5,000 c	5,000 c				17,577
To:										Total Funds: 18,577

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..



TIP ID: 3459 Agency ID: FDT22A Title: Water Coach Complete:										
Facility:	Earmark	100/0/0		1,000 e	1,000 e	1,000 e	1,000 e	1,000 e		5,000
From:										Total Funds: 5,000
To:										

Description: Develop water coach service on the Anacostia and Potomac Rivers to help reduce congestion on the bridges and provide alternative modes of transportation to destinations along both waterfronts.



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

FINAL DRAFT

	Source	Fed/St/Loc	Previous Funding	FY 11	FY 12	FY 13	FY14	FY 15	FY 16	Source Total
Glover Park Streetscape/Wisconsin Avenue Reconfiguration										
TIP ID: 5764	Agency ID:	Title: Wisconsin Avenue Streetscape Improvements							Complete: 2012	
Facility:	Wisconsin Avenue NW	NHS	83/17/0	3,600	c					3,600
From:	Garfield Street NW									
To:	Whitehaven Parkway NW									
Description:										
									Total Funds:	3,600

K Street Centerway										
TIP ID: 3505	Agency ID: SR075A	Title: K Street, NW Priority Busway							Complete: 2018	
Facility:	CMAQ	80/20/0	1,280	a						
From:	Earmark	80/20/0						5,000	a	51,000
To:								46,000	c	
								Total Funds:		51,000

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.



Kennedy Center Access Improvements										
TIP ID: 5345	Agency ID: PM049A	Title: Kennedy Center Access Improvements							Complete: 2012	
Facility:	Earmark	100/0/0	500	a	3,830	c				3,830
From:	FLHP	100/0/0	1,000	a	3,600	c	1,200	c		4,800
To:	NRT	0/100/0	379	a						
	P	100/0/0			500	c				500
								Total Funds:		9,130

Description: Funding will be used to improve pedestrian access between the Kennedy Center and the Potomac riverfront through deck and stair improvements.



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: 2014	
Facility:	STP	83/17/0	6,000	c	11,000	c				11,000
From:	Anacostia									
To:	42nd Street									
								Total Funds:		11,000

Description: This project will reconstruct Benning Road, NE from Anacostia Avenue to 42nd Street Roadway. Work performed will include the installation of new median and reconfiguration off travel lane in order to match Benning Road phase-I from 14th Street to Oklahoma Avenue. Additional construction plans include landscaping Plans to reflect new wider median & Planting and revising of Traffic Signal and street light Plans. In order to progress as planned, this project will occur in two phases. The first phase will extend from 39th street to 42nd street and the other phase will extend from Anacostia to 36th Street.

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

FINAL DRAFT

Source	Fed/St/Loc	Previous Funding	FY 11	FY 12	FY 13	FY14	FY 15	FY 16	Source Total
Secondary Livability Program									
TIP ID: 5790		Agency ID: PM081A, PM082A		Title: Livability Program				Complete:	
Facility:	STP	80/20/0	200 a	100 a	100 a	100 a	100 a	100 a	2,465
From:			200 c	300 c	275 c	330 c	330 c	330 c	
To:									Total Funds: 2,465

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.

- a. Far Northeast
- b. Far Southeast
- c. Rock Creek West 2
- d. Congress Heights (South)

Bike/Ped									
Anacostia Riverwalk Trail									
TIP ID: 5784		Agency ID: AW015, AW020		Title: Riverwalk-Kenilworth				Complete:	
Facility:	Earmark	80/20/0	1,000 a	1,820 a	21,808 c				44,028
From:				19,400 c					
To:									Total Funds: 44,028

Description: Riverwalk trail connection from Benning Road to Bladensburg Waterfront Park in Bladensburg, MD. Complete the Riverwalk through the Parkside Recreation Area.
 -Kenilworth: includes trail connection from the Benning Rd. Bridge to the Bladensburg Marina Park on the east side of the Anacostia River

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

FINAL DRAFT

			Source	Fed/St/Loc	Previous Funding	FY 11	FY 12	FY 13	FY14	FY 15	FY 16	Source Total	
TIP ID: 3508			Agency ID: AW016, AW017, AW0			Title: Anacostia Riverwalk Trail						Complete:	
Facility:		CMAQ	80/20/0		250	c						250	
From:		Earmark	80/20/0				400	a	8,500	c	7,033	c	16,683
To:							750	c					
											Total Funds:	16,933	

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: bicyclists, inline skaters, pedestrians, people with disabilities, and others. It will connect 16 waterfront neighborhoods to the Anacostia National Park and the Anacostia River.

- South Capitol St.: includes trail connections from the South Capitol St. Bridge to Oxon Cove
- Anacostia Drive Rehabilitation
- Anacostia River and associated trails to connect the National Arboretum and the Kenilworth Rec Center to Maryland Ave. to the Metropolitan Branch Trail
- East Bank Trail: runs along the east bank of the Anacostia River between South Capitol St. and CSX Railroad Bridge over the Anacostia River
- 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
- Bridges: provide two bridges and associated trail connections to cross the railroad tracks on the east and west sides of the Anacostia River near Massachusetts Ave.
- West Bank: is a 2.5-mile section of trail on the west bank of the Anacostia River between 11th St. SE and Benning Rd.

District-wide Bicycle and Pedestrian Management Program

			Source	Fed/St/Loc	Previous Funding	FY 11	FY 12	FY 13	FY14	FY 15	FY 16	Source Total	
TIP ID: 3232			Agency ID: CM064A, ZUT09A, ZU			Title: Bicycle and Pedestrian Management Program						Complete:	
Facility:	Citywide	CMAQ	80/20/0		100	a	100	a	100	a	100	a	6,600
From:					2,000	c	2,000	c	500	c	300	c	300
To:					100	d	100	d	100	d	100	d	100
		HSIP	80/20/0		600	c	500	c	500	c			1,600
		State	0/100/0		1,350	c	1,350	c	2,350	c	2,350	c	13,000
					150	d	150	d	150	d	150	d	150
											Total Funds:	21,200	

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. Pedestrian Management Program (enhance and improve the pedestrian experience in the city).
- e. Pedestrian & Bicycle Safety Enhancement,
- f. Pedestrian Master Plan
- g. Cycle Tracks (Pennsylvania Ave, L Street, I Street, 9th Street, 15th Street)

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


FINAL DRAFT

Source	Fed/St/Loc	Previous Funding	FY 11	FY 12	FY 13	FY14	FY 15	FY 16	Source Total
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Klingle Trail

TIP ID: 2806	Agency ID: CKTC0	Title: Klingle Trail	Complete: 2014						
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Facility: Klingle Road NW	CMAQ	80/20/0	1,300 a		6,800 c				8,100
From: Porter Street NW									Total Funds: 8,100
To: Woodley Road NW									

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. 

Metropolitan Branch Trail

TIP ID: 3228	Agency ID: AF052A, FDT25A	Title: Metropolitan Branch Trail	Complete: 2014						
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Facility: Union Station District Line	CMAQ	80/20/0	400 a	2,000 c					7,800
From:			5,400 c						Total Funds: 7,800
To:									

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.

National Recreational Trails

TIP ID: 2796	Agency ID: AF066A	Title: National Recreational Trails	Complete:						
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Facility: NRT	80/20/0	100 a	100 a	100 a	100 a	100 a	100 a	100 a	1,800
From:		200 c	200 c	200 c	200 c	200 c	200 c	200 c	Total Funds: 1,800
To:									

Description: The Department of Parks and Recreation through the DC Recreational Trails Advisory Committee proposes to construct and restore the pedestrian/biker trails throughout the District of Columbia. Funding for the National Recreational Trails project is provided by the Federal Highway Administration to the District Department of Transportation. The funds are then transferred to either the District Department of Parks and Recreation or the National Park Service after projects are jointly obligated. The scope of work includes assessing the design and engineering requirements of different trails; developing plans and specifications; cleaning and grubbing the trail of invasive weeds, re-paving sections that are cracked, and providing additional widths; repairing pedestrian bridges to correct safety hazards and improve accessibility as required under the Americans with Disabilities Act; furnish and erect fencing to prevent trash dumping; construct safety lighting; furnish and erect directional signs and information waysides; and furnish and install trail sides.

TIP ID: 5376	Agency ID: ED093A	Title: Garfield-Canal Park Connector	Complete: 2015						
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Facility: Garfield Park CANAL PARK	NRT	80/20/0	200 a		2,000 c				2,200
From:									Total Funds: 2,200
To:									

Description: This project will establish an ADA-compliant pedestrian and bicycle connection below the Southeast Freeway that will link Garfield Park and Canal Park along the 2nd Street SE right-of-way. The project also aims to beautify the civic space beneath the Freeway.

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

FINAL DRAFT

Source	Fed/St/Loc	Previous Funding	FY 11	FY 12	FY 13	FY14	FY 15	FY 16	Source Total
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Oxon Run Trail Restoration

TIP ID: 2780	Agency ID: AF004A	Title: Oxon Run Trail Restoration								Complete: 2013
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Facility:	NRT	80/20/0	600 a	1,000 c					1,600
From:									Total Funds: 1,600
To:									

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: 2009
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Facility:	CMAQ	80/20/0	300 a						3,300
From:			3,000 c						Total Funds: 3,300
To:									

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.

Safe Routes to School

TIP ID: 2888	Agency ID: CM063A	Title: Safe Routes to School								Complete: 2013
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Facility: Safe Routes to School	SRTS	100/0/0	100 a	100 a	100 a	100 a	100 a	100 a	100 a	3,000
From:			400 c	400 c	400 c	400 c	400 c	400 c	400 c	
To:										Total Funds: 3,000

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: 5554	Agency ID: EW002C	Title: Garvee Bond Debt Service								Complete:
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Facility:	BR	80/20/0	3,260 c	3,260 c	4,680 c	4,680 c	4,680 c	4,680 c	25,240
From:	NHS	80/20/0	6,520 c	6,520 c	9,370 c	9,370 c	9,370 c	9,370 c	50,520
To:									Total Funds: 75,760

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



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Bridge Replacement/Rehabilitation Program

TIP ID: 5804	Agency ID:	Title: East Capitol St. Bridge over Anacostia River, Br. # 233	Complete:						
Facility:	BR	80/20/0					1,700 a	24,000 c	25,700
From:									Total Funds: 25,700
To:									
Description: Design and construction of bridge repairs.									

TIP ID: 5298	Agency ID: AF067A	Title: Emergency Transportation Project	Complete: 2016							
Facility: C	CITYWIDE	STP	80/20/0	25 c	25 c	25 c	25 c	25 c	25 c	150
From:										Total Funds: 150
To:										
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.										

TIP ID: 3242	Agency ID: CA303C	Title: Citywide Culverts	Complete: 2016							
Facility: C	CITYWIDE	State	0/100/0	400 c	400 c	400 c	400 c	400 c	400 c	2,400
From:										Total Funds: 2,400
To:										
Description: Develop a culvert inventory for all the culverts owned and maintained by the District. Locate the culverts in the field, obtain current plans and inspection reports, perform inspections using the FHWA-developed Culvert Inspection Manual, determine their current condition and enter the data into the inventory. Recommend maintenance and repair requirements through a formal culvert inspection program. Develop one or more contracts to maintain, repair, and/or rehabilitate those culverts identified in the culvert inspection program.										

TIP ID: 5316	Agency ID: CB035, CB036	Title: Impact Attenuators and Guiderails	Complete: 2016							
Facility: C	Citywide	IM	80/20/0	25 a	1,435 c		790 c	25 a	1,435 c	5,290
From:				790 c				790 c		
To:		STP	80/20/0	25 a	850 c		650 c	650 c	25 a	3,325
				650 c					475 c	
										Total Funds: 8,615
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.										

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TIP ID: 5353	Agency ID: CB041A	Title: Roadway Intersection of South Capitol Street/Southern Avenue Traffic Safety Improvem								Complete: 2013	
Facility:	South Capitol Street Bridge	BR	80/20/0		250 a	2,350 c					2,600
From:											Total Funds: 2,600
To:											

Description: Perform design and prepare plans, special provisions, cost estimates and bid documents for reconstruction/upgrading and resurfacing in the design of roadways and streets, including construction of wheelchair ramps, upgrading streetlights, repair and/or replacement of sidewalks, drainage improvements, tree trimming, and planting and/or replacement of trees. Resurfacing of the existing streets will also include repair and/or replacement of existing pavement, repair and/or replacement of sidewalks, and repair and/or replacement of curbs and gutters. The final design will include joint layout and grid elevations for finished concrete pavement construction, including complete joint layout and grid elevations for intersections; and meeting ADA standards. The final design will also include curb profiles and top of curb elevations between intersecting streets and constructed based on construction documents.

TIP ID: 2633	Agency ID: CD0/27	Title: Size and Weight Enforcement Program								Complete:	
Facility:	STP		83/17/0	380 a	200 a	200 a	200 a	200 a	200 a		1,000
From:											Total Funds: 1,000
To:											

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.

TIP ID: 2768	Agency ID: CD014A	Title: Key Bridge NW								Complete: 2014	
Facility:	Key Bridge	BR	80/20/0	750 a	350 a		17,200 c				17,550
From:											Total Funds: 17,550
To:											

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: 2016	
Facility:	Citywide	NHS	80/20/0		4,730 c	11,928 c		4,944 c	5,043 c	600 a	32,389
From:										5,144 c	
To:		STP	80/20/0		515 c	1,124 c		550 c	561 c	150 a	3,472
										572 c	
											Total Funds: 35,861

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.

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TIP ID: 3243	Agency ID: CD024A	Title: Citywide Consultant Bridge Inspection							Complete: 2016	
Facility:	BR	80/20/0		2,800 a		1,400 a	1,400 a	2,800 a		8,400
From:	STP	80/20/0		400 a		200 a	200 a	200 a		1,000
To:										Total Funds: 9,400

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 DPW, 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				1,000 a		14,400 c		15,400
From:										Total Funds: 15,400
To:										

Description: Rehabilitation of the Theodore Roosevelt Memorial Bridge over the Potomac River and Little River to accommodate the many traffic movements and pedestrian/bicycle movements at the District and Virginia approaches and connections with E St. NW; Constitution Ave. NW; the Rock Creek, Potomac and George Washington parkways; and Route 50.

TIP ID: 3202	Agency ID: CD032C	Title: Bridge Design Consultant Services							Complete: 2030	
Facility:	CITYWIDE	BR	80/20/0	450 a	475 a	950 a		475 a	475 a	2,825
From:										Total Funds: 2,825
To:										

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.

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		8,820 c			2,070 c	12,790
From:										Total Funds: 12,790
To:										

Description: Replace deck, approach slabs, bearing, joints, repair substructure and repaint steel.
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

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TIP ID: 2927 Agency ID: CD036A, CD042A, CD Title: Citywide FA Preventative Maintenance Complete: 2025										
Facility:	BR	80/20/0		4,000 c	3,500 c	8,000 c			3,500 c	19,000
From:									Total Funds:	19,000
To:										

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.

The project also provides Additional Obligation Limitation funds [CDO61] authorized by the 2008 Consolidated Appropriations Act, Division K, Title I (Public Law 110-161). The funds must be used for eligible activities that would not have been advanced during FY 2008, 2009 or 2010, based on the current STIP. This project will use these supplemental funds to construct latex-modified concrete bridge deck overlays on bridges not currently proposed in the District's bridge program.

TIP ID: 4900 Agency ID: CD037 Title: 27th Street Bridge NW Complete: 2013										
Facility:	27th Street NW Over Broad Branch	BR	80/20/0	150 a	2,300 c					2,450
From:									Total Funds:	2,450
To:										

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					12,400
From:									Total Funds:	12,400
To:										

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.

TIP ID: 3512 Agency ID: CD040A, CD041A, CD Title: Electrical/Mechanical and Management of Tunnels Citywide Complete: 2016										
Facility:	CITYWIDE	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	17,900
To:									Total Funds:	22,300

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 management of tunnels as applicable.

TIP ID: 5432 Agency ID: CD049A Title: Pennsylvania Ave. NW Bridge over Rock Creek (Br. # 118) Complete:										
Facility:		BR	80/20/0	750 a	8,625 c					9,375
From:									Total Funds:	9,375
To:										

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

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TIP ID: 4917 Agency ID: **CD050A** Title: **Rehabilitation of Anacostia Freeway Bridges at Anacostia Park** Complete: **2016**

Facility: Anacostia Freeway Bridges at Anacostia Park BR 80/20/0 500 a 4,250 c 4,750
 From: **Total Funds: 4,750**
 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.

TIP ID: 5337 Agency ID: **CD051A** Title: **Replacement of Pedestrian Bridges over Kenilworth Ave** Complete: **2013**

Facility: Kenilworth NRT 80/20/0 1,000 a 3,000 c 4,000
 From: **Total Funds: 4,000**
 To:

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

TIP ID: 5334 Agency ID: **CD052A** Title: **Safety Improvements of Benning Road Bridges over Kenilworth Ave** Complete: **2015**

Facility: Benning Road over Kenilworth BR 80/20/0 1,000 a 2,000 a 25,000
 From: 22,000 c
 To: **Total Funds: 25,000**

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.

TIP ID: 5433 Agency ID: **CD053A** Title: **Bridge management Project** Complete: **2016**

Facility: Citywide BR 80/20/0 30 c 30 c 30 c 30 c 30 c 30 c 180
 From: Citywide **Total Funds: 180**
 To:

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: **14th St. Bridge and DC Approach Bridges** Complete: **2016**

Facility: 14th Street Bridge northbound over the Potomac River, BR 80/20/0 600 a 1,500 a 17,250 c 28,550
 From: 9,200 c
 To: **Total Funds: 28,550**

Description: This project includes rehabilitation of the northbound 14th Street Bridge (I-395) over the Potomac River, a major river crossing that carries 100,000 vehicles per day between the District of Columbia and Virginia, as well as rehabilitation of three DC approach bridges. The project consists of replacing the deteriorated bascule span over the Potomac River channel with new girders. Also included is preservation of the tender's house that housed the control room for operation of the moveable span. An art project sponsored by the D.C. Commission on the Arts and Humanities has been installed in the facility. 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).

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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		400 a			2,070 c			2,470
From:											Total Funds: 2,470
To:											
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.										

TIP ID: 3246	Agency ID: CDTF8C	Title: L'Enfant Plaza Promenade/Banneker Improvements								Complete: 2012	
Facility:	L'Enfant Promenade (10th St. SW)	BR	80/20/0		1,500 c						1,500
From:											Total Funds: 1,500
To:											
Description:	Rehabilitation and maintenance of three bridges (#517, #1114, and #1108) at L'Enfant Promenade.										


South Capitol Street

TIP ID: 3423	Agency ID: AW011, AW024A, AW	Title: South Capitol Street Corridor								Complete:	
Facility:		Earmark	80/20/0		52,500 b	26,385 a	75,640 c	422,00 c	4,210 a	78,390 c	688,625
From:	N St, MLK Ave, Suitland Pkwy, Memorial Bridge					29,500 b		0			
To:											Total Funds: 688,625

Description: Improvements based on recommendations from the South Capitol Street Gateway and Anacostia Access studies, including replacement of the Frederick Douglass Memorial Bridge on a new southern alignment; 

- a. Reconfiguration of the intersection of South Capitol Street, Potomac Avenue, Q Street, and approach ramp to the new Frederick Douglass Memorial Bridge;
- b. Reconfiguration of the intersection of South Capitol St, Suitland Pkwy, and the new Frederick Douglass Memorial Bridge approach;
- c. Reconfiguration of the Suitland Pkwy and I-295 interchange;
- d. Improvements to the intersection of Suitland Pkwy and Firth Sterling Avenue;
- e. Improvements to the mainline of South Capitol St from Suitland Pkwy to Firth Sterling Ave;
- f. Widening of the mainline of Suitland Pkwy from South Firth Sterling Ave to the new Frederick Douglass Memorial Bridge Approach;
- g. Creation of a center ramp;
- h. Signalized interchange between Suitland Pkwy and Martin Luther King, Jr. Ave;
- i. Widening Martin Luther King, Jr. Ave over Suitland Pkwy to accommodate improvements and a 12' multi-use path;
- j. Boulevard streetscape treatments along South Capitol St between the SE/SW Freeway and N St; creation of an at-grade intersection and replacement of the existing ramp from nb South Capitol St to SB I-295;
- k. Reconfiguration of several intersections including South Capitol St, "Eye" St, K St, and L ST;
- l. Bicycle and pedestrian improvements.


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


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

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Tunnel Asset Management											
TIP ID: 5800	Agency ID: CD039	Title: Bridge and Tunnel Security							Complete:		
Facility:	BR	80/20/0				1,500 a	2,900 c			4,400	
From:										Total Funds: 4,400	
To:											
Description: This project will determine security upgrades necessary for bridges and tunnels throughout the District.											

Enhancement											
Transportation Enhancements Program											
TIP ID: 3210	Agency ID:	Title: Transportation Enhancements Program							Complete:		
Facility:	STP/E	80/20/0		2,300 e	2,300 e	2,300 e	2,300 e	2,300 e	2,300 e	13,800	
From:										Total Funds: 13,800	
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: 5295	Agency ID: ED019A	Title: Capitol Hill Transportation Study Infrastructure Improvements							Complete: 2012	
Facility:	STP	80/20/0				4,400 c				4,400
From:										Total Funds: 4,400
To:										
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 vehiclur 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 at DDOT Headquarters											
TIP ID: 5348	Agency ID:	Title: Traffic Control Center at DDOT Headquarters							Complete:		
Facility:	STP	83/17/0	4,117 c	250 a	4,117 c	4,117 c	4,117 c	4,117 c	4,117 c	24,952	
From:				4,117 c							
To:										Total Funds: 24,952	
Description: Funds the Traffic Control Center at DDOT Headquarters, including personnel and contractual costs.											

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Traffic Operations Improvements Citywide										
TIP ID: 3216	Agency ID: CIT and CI0, CB025,	Title: Traffic Operations Improvements Citywide							Complete:	
Facility:	NHS	83/17/0		1,090 a	1,054 a	775 a	775 a	688 a		13,558
From:				438 c	361 c	2,256 c	3,043 c	3,078 c		
To:	STP	83/17/0		2,062 a	1,957 a	1,441 a	1,441 a	1,278 a	1,817 a	35,337
				815 c	672 c	4,189 c	5,652 c	5,717 c	8,296 c	
Total Funds:										48,895

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

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Other										
Banneker Circle Intermodal Transportation Center										
TIP ID: 2939		Agency ID: FDT		Title: Banneker Circle Intermodal Transportation Center					Complete: 2011	
Facility: Banneker Circle Intermodal Transportation Center		CMAQ	80/20/0	600 d						600
From:									Total Funds:	600
To:										
Description: Construct a shared parking facility under Banneker Circle to provide parking for tour buses and other vehicles with connections to the VRE and Metrorail. 										

Civil Rights/EE) Program Implementation and Enhancement										
TIP ID: 3261		Agency ID: AF055A		Title: Civil Rights/EEO Program Implementation and Enhancement					Complete:	
Facility: CITYWIDE		SP	80/20/0	100 a	100 a	100 a	100 a	100 a	100 a	600
From:									Total Funds:	600
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.										

Data Warehouse										
TIP ID: 5571		Agency ID: CD060A		Title: Data Warehouse					Complete:	
Facility:		STP	80/20/0	400 a						400
From:									Total Funds:	400
To:										
Description: Create a data warehouse for federal projects allowing project manager to access financial, and project implementation data.										

Environmental Management System										
TIP ID: 5322		Agency ID: SR310C		Title: Preventive Maintenance and Repair of Stormwater Pumping Stations					Complete: 2016	
Facility:		State	0/100/0	1,043 c	1,043 c	1,043 c	1,043 c	1,043 c		5,215
From:									Total Funds:	5,215
To:										
Description: Maintain and upgrade the existing stormwater pumping stations throughout the District.										

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Great Streets Program

TIP ID: **3294** Agency ID: **CD054, CKTB4, EDS0** Title: **Great Streets - H St. NE** Complete: **2017**

Facility: H St. NE	BR	80/20/0						10,000 c		10,000
From: North Capitol St.	STP	83/17/0		500 d	2,000 a					2,500
To: 14th St. NE										
Total Funds:										12,500

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. Includes work on the H St. NE bridge from North Capitol St. to 3rd St. NE.



TIP ID: **3552** Agency ID: **ED063A** Title: **Great Streets - Martin Luther King, Jr. Avenue, SE** Complete: **2015**

Facility:	STP	80/20/0		1,000 a	18,500 c					19,500
From:										
To:										
Total Funds:										19,500

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.



TIP ID: **2922** Agency ID: **ED064A** Title: **Great Streets - Minnesota Ave, NE** Complete: **2012**

Facility:	STP	80/20/0			8,231 c					8,231
From:										
To:										
Total Funds:										8,231

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.



TIP ID: **3435** Agency ID: **ED096A, ED067A** Title: **Great Streets - Georgia Ave** Complete:

Facility:	FA	80/20/0		300 a	2,700 c					3,000
From:	NHS	80/20/0			969 a		400 a	3,000 c		11,129
To:					300 c		6,460 c			
Total Funds:										14,129

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.



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

FINAL DRAFT

Source	Fed/St/Loc	Previous Funding	FY 11	FY 12	FY 13	FY14	FY 15	FY 16	Source Total
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Local Street Improvements Citywide

TIP ID: 3218	Agency ID: CA301C	Title: Local Street Improvements Citywide	Complete: 2016						
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Facility:	State	0/100/0	1,750 c	1,750 c	1,750 c	1,750 c	1,750 c	1,750 c	10,500
From:									Total Funds: 10,500
To:									

Description: This program restores and rehabilitates distressed sidewalks, alleys, curbs and gutters, provides minor drainage improvements, and temporary paving of new streets that are not eligible for Federal Highway Administration funding.

TIP ID: 5340	Agency ID: CA302C	Title: Local sidewalk, alley and curb improvements	Complete: 2016						
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Facility:	Citywide	State	0/100/0	1,209 c	1,209 c	1,209 c	1,209 c	1,209 c	7,254
From:									Total Funds: 7,254
To:									

Description: This program restores and rehabilitates distressed sidewalks, alleys, curbs, and gutters, provides minor drainage improvements, temporary paving of streets, and other work as necessary.

TIP ID: 5341	Agency ID: SR301-SR308C	Title: Local Reconstruction/Resurfacing/Upgrading Wards 1-8	Complete: 2016						
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Facility:	Citywide	State	0/100/0	7,152 c	7,152 c	7,152 c	7,152 c	7,152 c	42,912
From:									Total Funds: 42,912
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	Title: Citywide Roadway Pavement Condition Assessment	Complete: 2016						
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Facility:	citywide	STP	80/20/0	682 c	682 c	682 c	682 c	682 c	4,092
From:	citywide								Total Funds: 4,092
To:									

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

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

FINAL DRAFT

Source	Fed/St/Loc	Previous Funding	FY 11	FY 12	FY 13	FY14	FY 15	FY 16	Source Total
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Master Lease Program

TIP ID: 5371	Agency ID: 6EQ02	Title: Master Lease	Complete:						
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Facility:	State	0/100/0	3,000 c	1,500 c	1,500 c	1,500 c	1,500 c	1,500 c	7,500
From:									Total Funds: 7,500
To:									

Description: Purchase and replace vehicles for snow, parking meters, and other equipment needs deemed necessary for the District Department of Transportation to perform effectively on a day to day basis.

Pavement Markings & Traffic Calming Improvements- Street Sign

TIP ID: 5349	Agency ID: CE301C - CE304C	Title: Pavement Markings & Traffic Calming Improvements- Street Sign	Complete:						
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Facility:	State	0/100/0	5,185 c	5,392 c	5,608 c	5,832 c	6,065 c	6,308 c	29,205
From:									Total Funds: 29,205
To:									

Description: Pavements markings and traffic calming measures to reduce speed. Also, repair and maintain inventory of street and parking signage.



Performance-Based Parking Pricing

TIP ID: 3486	Agency ID: PM302C	Title: Local Parking Studies	Complete: 2013						
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Facility:	State	0/100/0		250 a	250 a	250 a	250 a	250 a	250 a	2,100
From:				100 c	100 c	100 c	100 c	100 c	100 c	
To:										Total Funds: 2,100

Description: Provide parking improvements to stimulate private-sector economic development, including improved access, new signage and lighting. Facilitate truck traffic and transit access. Studies to measure curbside occupancy to adjust curbside meter pricing. Focus neighborhoods include U Street NW, Brightwood, Brookland, Tenleytown, Upper 14th Street NW, H Street NE, Anacostia, and Capitol Hill.

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

FINAL DRAFT

	Source	Fed/St/Loc	Previous Funding	FY 11	FY 12	FY 13	FY14	FY 15	FY 16	Source Total	
Planning and Management Systems											
TIP ID: 3213	Agency ID: CAL16C, PM304C, C		Title: Planning and Management Systems							Complete: 2013	
Facility:	IM	80/20/0		700 d						700	
From:	PL	80/20/0		2,392 d	2,451 d	2,513 d	2,576 d	2,640 d	2,706 d	15,278	
To:	SPR	80/20/0		5,238 d	5,319 d	5,402 d	5,487 d	5,474 d	5,663 d	32,583	
	State	0/100/0		328 a	328 a	328 a	328 a	328 a	328 a	10,932	
				1,494 c	1,494 c	1,494 c	1,494 c	1,494 c	1,494 c		
	STP	80/20/0		1,015 d	1,015 d	1,015 d	1,015 d	1,015 d	1,015 d	6,090	
										Total Funds: 65,583	

- Description:
- a. AASHTOWARE
 - b. ADA Ramps
 - c. Advanced Design
 - d. Managed Lane Study
 - e. Planning & Scoping
 - f. Metropolitan Planning
 - g. State Planning and Research Program
 - h. Tri-State Oversight Committee (TOC)

Professional Capacity-Building Strategy											
TIP ID: 3355	Agency ID: PM063		Title: Professional Capacity-Building Strategy							Complete:	
Facility:	STP	83/17/0		1,000 a	1,000 a	1,000 a	1,000 a	1,000 a	1,000 a	6,000	
From:										Total Funds: 6,000	
To:											

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.

Research and Technology Development											
TIP ID: 5310	Agency ID: PM0		Title: Research and Technology Development							Complete:	
Facility:	SPR	80/20/0	2,625 d	1,425 d	1,500 d	1,575 d	1,650 d	1,725 d	1,800 d	9,675	
From:										Total Funds: 9,675	
To:											

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

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

FINAL DRAFT

	Source	Fed/St/Loc	Previous Funding	FY 11	FY 12	FY 13	FY14	FY 15	FY 16	Source Total
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Rights of Way Program

TIP ID: 5309	Agency ID: PM067A	Title: Rights of Way Program							Complete: 2015
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Facility:	STP	80/20/0	320 d	160 d	160 d	160 d	160 d	160 d	160 d	960
From:										Total Funds: 960
To:										

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

TIP ID: 5797	Agency ID:	Title: Mount Vernon Square District							Complete:
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Facility:	STP	80/20/0	500 a	5,000 c						5,500
From:										Total Funds: 5,500
To:										

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



TIP ID: 5315	Agency ID: ED024A	Title: Takoma Study Recommendations							Complete: 2013
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Facility:	STP	83/17/0	1,400 c	2,050 c						3,450
From:										Total Funds: 3,450
To:										

Description: Implementation of recommendations from the Takoma Study, including new traffic signals, sidewalks, curbs and gutters.



TIP ID: 5792	Agency ID: ED0C2A	Title: C Street Traffic Calming							Complete:
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Facility:	STP	80/20/0	220 d	600 a	6,000 c					6,820
From:										Total Funds: 6,820
To:										

Description: The project will evaluate the needs of the C St. NE corridor from 21st St. to 16th St. 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.



TIP ID: 5793	Agency ID: ED0C3A	Title: Chillum Street NW Alley Diverter							Complete:
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Facility:	State	0/100/0	20 a	200 c						220
From:										Total Funds: 220
To:										

Description: Provide a permanent alley diverter to divert commercial and all traffic from using the northernmost alley off of Chillum onto Tuckerman Street a residential street. It fulfills a recommendation from the Lamond Riggs Study and responds to a persistent neighborhood concern.




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

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		Source	Fed/St/Loc	Previous Funding	FY 11	FY 12	FY 13	FY14	FY 15	FY 16	Source Total
TIP ID: 5320	Agency ID: EDL07C	Title: Howard Theater Streetscape Improvements								Complete: 2013	
Facility:		STP	83/17/0			2,800 c					2,800
From:											Total Funds: 2,800
To:											
Description: Includes rehabilitation of T St. NW from Florida Ave. to 7th St. NW; 7th St. NW from Florida Ave. to N St. NW; Wiltberger St. NW from S to T; and two alleys off T St. NW. Includes reconstruction and resurfacing of pavement, curbs, gutters, sidewalks, and historic streetlights. 											

		Title: Neighborhood Streetscape Improvements								Complete:	
TIP ID: 5308	Agency ID: SR070, SR036, ED09										
Facility:		NHS	83/17/0		6,500 c						6,500
From:		STP	83/17/0		120 a	2,200 c				5,500 c	18,820
To:					11,000 c						
		STP	80/20/0		120 a	2,200 c				5,500 c	18,820
					11,000 c						
											Total Funds: 25,320

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
- G. Glover Park Streetscape & Pedestrian Improvements
- 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.

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

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. 

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

FINAL DRAFT

		Source	Fed/St/Loc	Previous Funding	FY 11	FY 12	FY 13	FY14	FY 15	FY 16	Source Total
TIP ID: 5796	Agency ID: SR087A	Title: Georgetown Transportation Study Implementation								Complete:	
Facility:		State	0/100/0		200 c					600 a	800
From:										Total Funds: 800	
To:											

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



Roadway Reconstruction Citywide

		Source	Fed/St/Loc	Previous Funding	FY 11	FY 12	FY 13	FY14	FY 15	FY 16	Source Total
TIP ID: 2965	Agency ID: SR004, CKTB0, PM07	Title: Roadway Reconstruction Citywide								Complete: 2030	
Facility:	CITYWIDE	NHS	83/17/0		53 a			250 a	500 a	250 a	3,293
From:					240 c			500 c	1,000 c	500 c	
To:		STP	83/17/0		3,459 a	25,050 c	19,380 c	250 a	500 a	250 a	113,124
					30,210 c			5,750 c	23,000 c	5,275 c	
										Total Funds: 116,417	

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. The life of street pavement is extended by cost-effective resurfacing whenever possible. When street pavement has reached the end of its useful life and can no longer be resurfaced, the street is reconstructed. 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.



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



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

FINAL DRAFT

		Source	Fed/St/Loc	Previous Funding	FY 11	FY 12	FY 13	FY14	FY 15	FY 16	Source Total
Safety Improvements											
TIP ID: 3212	Agency ID: CB0, CIO	Title: Safety Improvements Citywide									Complete:
Facility:		HSIP	90/10/0	5,775 a	5,060 a	5,170 a	5,280 a	4,190 a	4,300 a	4,410 a	43,410
From:					3,000 c		3,000 c	3,000 c	3,000 c	3,000 c	
To:		NHS	83/17/0	1,398 c	3,420 c		3,520 c	1,600 c	1,600 c	1,600 c	11,740
		SPR	80/20/0	160 a	170 a	180 a	190 a	200 a	210 a	220 a	1,170
		STP	83/17/0	2,500 a	1,000 a	1,000 a	1,000 a	1,050 a	1,052 a	1,052 a	32,904
					7,150 c		7,150 c	4,150 c	4,150 c	4,150 c	
Total Funds:											89,224

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.

- 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
- S. Mount Pleasant Transportation Study Implementation
- T. Brightwood Transportation Study Implementation

South Dakota Ave NE Safety Improvements from NY Ave to Riggs Road											
TIP ID: 5783	Agency ID: SR045A	Title: South Dakota Ave NE Safety Improvements from NY Ave to Riggs Road									Complete: 2017

Facility:		STP	80/20/0							4,000 c	4,000
From:											
To:											
Total Funds:											4,000

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



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

FINAL DRAFT

	Source	Fed/St/Loc	Previous Funding	FY 11	FY 12	FY 13	FY14	FY 15	FY 16	Source Total
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Street Repair Materials -Local

TIP ID: 5351	Agency ID: CE302- CE303	Title: Street Repair Materials - Local							Complete:
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Facility:	State	0/100/0	38,163 c	18,281 c	18,066 c	17,841 c	17,608 c	17,365 c		89,161
From:									Total Funds:	89,161
To:										

Description: Includes the purchase of street repair equipment and technology improvements essential to the removal of existing asphalt wearing surfaces; replacing deteriorated portions of pavement bases, curbs, gutters and sidewalks; and purchase of materials.

Streetlight Asset Mgmt & Streetlight Construction - Federal

TIP ID: 5439	Agency ID:	Title: Citywide streetlight construction							Complete: 2030
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Facility:	citywide	STP	80/20/0	300 a	300 a	300 a	300 a	300 a	300 a	19,290
From:	citywide			1,202 c	3,558 c	3,558 c	3,558 c	3,558 c	3,558 c	
To:									Total Funds:	19,290

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.

TIP ID: 5385	Agency ID: AD011- AD012-FY05 (Title: Streetlight Asset Mgmt - Federal							Complete:
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Facility:	NHS	83/17/0	342 a	714 a	714 a	714 a	714 a	714 a	714 a	21,528
From:			1,367 c	2,874 c	2,874 c	2,874 c	2,874 c	2,874 c	2,874 c	
To:	STP	83/17/0	5,501 a	991 a	991 a	991 a	991 a	991 a	991 a	29,736
			17,871 c	3,965 c	3,965 c	3,965 c	3,965 c	3,965 c	3,965 c	
									Total Funds:	51,264

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:

- Streetlight Series Circuit Conversion
- Local Streetlight Conversion
- Streetlight Replacement
- Streetlight Design Services
- Streetlight System Upgrade
- Electrical Systems Upgrade
- CW Painting of Streetlight and Traffic Signal Poles
- CW Street Light Maintenance
- Multiple Circuit Conversion
- Street Lighting Asset Management

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

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Streetlight Asset Mgmt & Streetlight Construction - Local											
TIP ID: 5350	Agency ID: AD304	Title: Streetlight Asset Mgmt & Streetlight Construction - Local								Complete:	
Facility:		State	0/100/0		1,312 a	1,312 a	1,312 a	1,312 a	1,312 a	1,312 a	61,536
From:					8,944 c	8,944 c	8,944 c	8,944 c	8,944 c	8,944 c	
To:											Total Funds: 61,536

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.

Traffic Congestion Mitigation											
TIP ID: 2945	Agency ID: AF026A, CM010, CM0	Title: Traffic Congestion Mitigation								Complete:	
Facility:		CMAQ	80/20/0		1,500 d	1,491 d	1,553 d	1,568 d	1,545 d	1,516 d	9,173
From:		PL	80/20/0		500 d	500 d	500 d				1,500
To:		State	0/100/0		50 a						275
					125 b						
					100 c						
											Total Funds: 10,948

Description: Identify neighborhoods affected by traffic congestion impacts; determine the causes of traffic congestion; and identify alternative construction projects, traffic management strategies, and other transportation improvement strategies to reduce traffic congestion. Also, environmental studies will assess how the proposed construction projects or traffic management studies will impact air and water quality in the District of Columbia. Outreach to residents, employees and visitors about alternative transportation options to special events and attractions. Provide a multi-modal transportation information resource website (www.goDCgo.com). Create a commuter store that sells fare media and provides trip planning assistance.



Traffic Signal Maintenance NH-STP (CW)											
TIP ID: 5347	Agency ID: CI046-47, CI014-15	Title: Traffic Signal Maintenance NH-STP								Complete:	
Facility:	Citywide	NHS	83/17/0	7,100 c	492 a	492 a	492 a	492 a	492 a	492 a	15,060
From:	Citywide				2,018 c	2,018 c	2,018 c	2,018 c	2,018 c	2,018 c	
To:	Citywide	STP	83/17/0	27,012 c	1,869 a	1,869 a	1,869 a	1,869 a	1,869 a	1,869 a	56,076
					7,477 c	7,477 c	7,477 c	7,477 c	7,477 c	7,477 c	
											Total Funds: 71,136

Description: Provide effective and efficient maintenance services for the traffic signal systems throughout the District of Columbia.

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Urban Forestry Program												
TIP ID: 5313	Agency ID: CG311, CG312, CG31	Title: Urban Forestry Program	Complete:									
Facility:	State	0/100/0	200 a	200 a	200 a	200 a	200 a	200 a	200 a	200 a	200 a	45,000
From:			7,044 c	7,044 c	7,044 c	7,044 c	7,044 c	7,044 c	7,044 c	7,044 c	7,044 c	
To:			256 e	256 e	256 e	256 e	256 e	256 e	256 e	256 e	256 e	
											Total Funds:	45,000

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



TERMs

Resurfacing Streets and Freeways Citywide

TIP ID: 3215	Agency ID: SR014	Title: Resurfacing Streets and Freeways Citywide	Complete: 2016									
Facility: Citywide	RABA	100/0/0	3,800 c									3,800
From:	STP	80/20/0	3,000 c	9,480 c	10,500 c	18,480 c	25,480 c	16,480 c	83,420			
To:												
											Total Funds:	87,220

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)
- i. Special Resurfacing Initiatives
- j. Pavement Marking and Traffic Calming Improvements
- k. Street Repair and Management Equipment and Materials
- l. Street Sign Improvements



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

FINAL DRAFT

	Source	Fed/St/Loc	Previous Funding	FY 11	FY 12	FY 13	FY14	FY 15	FY 16	Source Total
TIP ID: 5339 Agency ID: SR037A Title: Federal-Aid Pavement Restoration - National Highway System (NHS) Routes Complete: 2016										
Facility:	Pavement restoration on NHS routes	NHS	80/20/0	1,945 c	1,950 c	5,750 c		2,875 c	2,875 c	15,395
From:										Total Funds: 15,395
To:										

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.



Transportation Emissions Reduction Measures

TIP ID: 5696 Agency ID: Title: Clean Air Partners Complete:										
Facility:	State	0/100/0	54 e	54 e	54 e	54 e	54 e	54 e	54 e	324
From:										Total Funds: 324
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.

TIP ID: 3219 Agency ID: CM072 Title: Commuter Connection Program Complete:										
Facility:	CMAQ	80/20/0	2,196 d	572 d	636 d	612 d	635 d	698 d		3,153
From:	CRP	80/20/0							768 d	768
To:										Total Funds: 3,921

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

TIP ID: 5785 Agency ID: Title: Construction Complete:										
Facility:	State	0/100/0		1,430 c	1,430 c	1,430 c	1,430 c	1,430 c	1,430 c	8,580
From:										Total Funds: 8,580
To:										

Description: Day to day routine maintenance on district bridges and highways



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

FINAL DRAFT

	Source	Fed/St/Loc	Previous Funding	FY 11	FY 12	FY 13	FY14	FY 15	FY 16	Source Total
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Concrete, Asphalt and Bridge Maintenance

TIP ID: 5786	Agency ID:	Title: Construction							Complete:	
Facility:	State	0/100/0		986 c	986 c	986 c	986 c	986 c	986 c	5,916
From:									Total Funds:	5,916
To:										
Description: Maintenance for sidewalks and curbs										

Masonry and Concrete Maintenance

TIP ID: 5787	Agency ID:	Title: Construction							Complete:	
Facility:	State	0/100/0		1,276 c	1,276 c	1,276 c	1,276 c	1,276 c	1,276 c	7,656
From:									Total Funds:	7,656
To:										
Description: Costs for labor to perform on-going maintenance on local streets, sidewalks and alleys in the District of Columbia.										

Street Alley Maintenance Repair

TIP ID: 5799	Agency ID:	Title: Construction							Complete:	
Facility:	State	0/100/0		6,454 c	6,885 c	6,885 c	6,495 c	6,304 c	6,885 c	39,908
From:									Total Funds:	39,908
To:										
Description:										

Transit

East Entrance Foggy Bottom

TIP ID: 2968	Agency ID:	Title: East Entrance Foggy Bottom							Complete: 2012	
Facility:	FA	80/20/0			500 d					500
From:									Total Funds:	500
To:										
Description: Currently, Foggy Bottom Metrorail Station has no entrance on the east side. The project will study the feasibility of implementing an additional entrance on the east side of the Metrorail station.										

Farragut Station Pedestrian Tunnel

TIP ID: 3236	Agency ID:	Title: Farragut Station Pedestrian Tunnel							Complete:	
Facility:	FA	80/20/0			500 d					500
From:									Total Funds:	500
To:										
Description: Currently, there is no direct subsurface connection between Farragut North and Farragut West Metrorail Stations. This project will study the feasibility of connecting the two stations through a tunnel.										

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FINAL DRAFT

Source	Fed/St/Loc	Previous Funding	FY 11	FY 12	FY 13	FY14	FY 15	FY 16	Source Total
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ITC Air-Rights

TIP ID: 4907	Agency ID:	Title: Union Station ITC Air Rights Development								Complete: 2013
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Facility: K Street, NE	FA	100/0/0				36,000 a	30,000 c	13,000 c	79,000
From: 3rd Street, NE									Total Funds: 79,000
To: Mass Ave and N. Capitol Street NE									

Description: This study is to investigate the development, design and construction of a new Intermodal Transportation Center at Burnham Place and Union Station in Northeast Washington DC. The study area is: K St. NE to the north; 3rd St. NE to the east; Massachusetts Ave. NE to the south; and North Capitol St. to the west.

Metropolitan and Statewide Planning (FTA)

TIP ID: 5839	Agency ID:	Title: Metropolitan and Statewide Planning								Complete:
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Facility: Section 5309	100/0/0	475 a	475 a	475 a	475 a	475 a	475 a	475 a	2,850
From:									Total Funds: 2,850
To:									

Description: These programs provide funding to support cooperative, continuous, and comprehensive planning for making transportation investment decisions in metropolitan areas and statewide.

Metrorail and Metrobus CIP

TIP ID: 3234	Agency ID:	Title: Distirct of Columbia Subsidy								Complete:
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Facility: BD	0/100/0	110,919 e	111,619 e	116,019 e	118,41 e	120,719 e	119,619 e	697,314
From:					9			Total Funds: 697,314
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).

Pedestrian Passageway/Tunnel

TIP ID: 2597	Agency ID:	Title: Union Station Pedestrian Passageway/Tunnel Planning								Complete: 2010
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Facility: FA	80/20/0		12,200 a					12,200
From: PRIV	80/20/0	2,300 a						Total Funds: 12,200
To:								

Description: WMATA built 600 feet of a pedestrian tunnel from near the kiosk at the 1st Street Union Station Metrorail Station entrance toward H Street. The tunnel was never completed. Union Center Plaza Associates, developer of an office building complex near 1st and H Sts. NE, has proposed completing the tunnel for approximately \$2 million. This proposal was never implemented due to difficulties in obtaining indemnification agreements with the National Railroad Passenger Corporation (Amtrak). The District proposes to use funds appropriated for the Intermodal Transportation Center to facilitate the indemnification agreement so that the project can move forward.

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Source	Fed/St/Loc	Previous Funding	FY 11	FY 12	FY 13	FY14	FY 15	FY 16	Source Total
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Specialized Transportation Services for the Elderly & Handicapped

TIP ID: 3233	Agency ID:	Title: Specialized Transportation Services for the Elderly	Complete:							
Facility:	Section 5310	80/20/0	372 e	390 e	410 e	430 e	452 e	474 e	497 e	2,653
From:									Total Funds:	2,653
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.

Streetcar

TIP ID: 5756	Agency ID:	Title: K Street Extension	Complete: 2017							
Facility:	K St NW	CMAQ	80/20/0	582 d						582
From:	9th St NW								Total Funds:	582
To:	21st St NW									

Description: Line Extension Specifics: The line is proposed to run along the K Street Center-Way from 9th Street, NW to Wisconsin Avenue, NW along K Street.

TIP ID: 5755	Agency ID:	Title: Union Station to Mt. Vernon Square	Complete: 2017							
Facility:	H St NE, New Jersey Ave NW, K St NW	CMAQ	80/20/0	583 d						583
From:	Union Station								Total Funds:	583
To:	Mt. Vernon Square									

Description: Line Extension Specifics: The line is proposed to run from Union Station via H Street, NE to New Jersey Avenue, NW. The line then will go north on New Jersey Avenue, NW to K Street, NW and run to the intersection of K Street and 7th Street, NW.

TIP ID: 5754	Agency ID:	Title: H Street/Benning Road Extension	Complete: 2015							
Facility:	H Street NW /Benning Rd NE	BD	0/100/0	15,000 a	34,500 c					34,500
From:	2nd Street NE	CMAQ	80/20/0		582 d					582
To:	45th St NE	FA	80/20/0	73,409 c					Total Funds:	35,082

Description: Line Extension Specifics: The line is proposed to run along Benning Rd, NE from Oklahoma Avenue, NE to 45th Street, NE (Benning Road Metro Station).

TIP ID: 5753	Agency ID:	Title: MLK Extension	Complete: 2015							
Facility:	MLK Jr Ave SE	CMAQ	80/20/0	1,253 d						
From:	Howard Rd SE	FA	50/50/0		29,800 c					29,800
To:	Good Hope Rd SE								Total Funds:	29,800

Description: Line Extension Specifics: The line is proposed to run along MLK Jr. Avenue, SE from Howard Rd, SE (Anacostia Metro Rail Station) to the 11th Street Bridge, SE and Good Hope Road, SE intersection.

**DISTRICT OF COLUMBIA
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	Source	Fed/St/Loc	Previous Funding	FY 11	FY 12	FY 13	FY14	FY 15	FY 16	Source Total	
TIP ID: 2620		Agency ID: Phase II		Title: Streetcar Project						Complete: 2015	
Facility:	Streetcar Project	CMAQ	80/20/0	630 a	800 a	2,000 a	2,000 a			5,430	
From:		FA	80/20/0	1,000 a	1,000 a					2,000	
To:										Total Funds: 7,430	

Description: The DC Streetcar will make travel within the District much easier for residents, workers and visitors, and it will complement the existing transit options. The streetcar system will consist of modern low-floor vehicles operating on surface tracks that are embedded in the street pavement. The new streetcar services are forecast to accommodate more than 147,000 daily trips by 2030, improve travel times by up to 38%, and reduce crowding on existing Metrobus lines by 27% in the corridors served by the new system.

MARYLAND

Maryland Department of Transportation

State Highway Administration

M – 1

Maryland Transportation Authority

M – 1

Maryland Transit Administration

M – 1

Frederick County

M – 1

Montgomery County

M – 1

Prince George's County

M – 3

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

FINAL DRAFT

Source	Fed/St/Loc	Previous Funding	FY 11	FY 12	FY 13	FY 14	FY 15	FY 16	Source Total
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MDOT/State Highway Administration

Interstate

I 70, Baltimore National Pike

TIP ID: 3540	Agency ID: 101007	Title: I 70, Phase 4						Complete: 2016
Facility: I 70	IM	90/10/0	20 a	20 a	219 a		239	
From: Mt. Phillip Road			21,494 b					
To: I 270 west of								
							Total Funds: 239	

Description: Phase 4 - widening westbound and eastbound I-70 from Mt. Phillip Road to west of I-270.



TIP ID: 5419	Agency ID: FR4271	Title: I-70, Phase 2D						Complete: 2013
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Facility: I 70 Baltimore National Pike	BR	80/20/0		12,588 c	18,124 c		30,712
From: MD 355	IM	90/10/0	2,118 b	1,977 b			1,977
To: MD 144	NHS	90/10/0	50 a	325 a			325
	STP	90/10/0	1,000 c		13,288 c		13,288
							Total Funds: 46,302

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-270

TIP ID: 3044	Agency ID: MO8391	Title: I 270/ Watkins Mill Road Extended						Complete: 2016
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Facility: I 270 Interchange	Local	0/0/100	10,000 a				
From: Watkins Mill Road Extended	NHS	80/20/0	1,668 a	213 a	61 a		274
To:							
							Total Funds: 274

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.




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

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Source	Fed/St/Loc	Previous Funding	FY 11	FY 12	FY 13	FY 14	FY 15	FY 16	Source Total
I-95/I-495, Capital Beltway									
TIP ID: 3554 Agency ID: PG2151		Title: Branch Avenue Metro Access - Phase 2						Complete: 2020	
Facility: I 95/495 Capital Beltway	NHS	80/20/0	3,729 a	550 a	200 a	130 a			880
From: MD 5/Branch Avenue Metro Station									Total Funds: 880
To:									
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. 									

Primary									
BRAC Intersections near National Naval Medical Center, Bethesda									
TIP ID: 5423 Agency ID:		Title: BRAC Intersections near National Naval Medical Center, Bethesda						Complete: 2012	
Facility: STP		80/20/0	3,410 a	1,000 a	1,690 a				30,695
From:				17,215 b	5,075 c				
To:				5,715 c					Total Funds: 30,695
Description: Design and construct intersection improvements at key locations along access routes to Bethesda Naval Center. Bicycles and pedestrain facilities will be provided where appropriate.									

Intercounty Connector									
TIP ID: 2804 Agency ID:		Title: GARVEE Bond Repayment						Complete: 2012	
Facility: NHS		100/0/0	127,822 c	87,455 c	87,457 c	87,451 c	87,458 c	87,454 c	437,275
From:									Total Funds: 437,275
To:									
Description: Repayment of GARVEE bond proceeds used for the Intercounty Connector Project. Debt service continues for 15 years following issuance. 									

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

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		Source	Fed/St/Loc	Previous Funding	FY 11	FY 12	FY 13	FY 14	FY 15	FY 16	Source Total	
TIP ID: 3446		Agency ID: AT3761		Title: Intercountry Connector							Complete: 2012	
Facility: Intercountry Connector		GARVEE	100/0/0	104,070 a	5,009 b	4,211 b	7,232 c				751,849	
From: I 370				288,780 b	582,156 c	153,241 c						
To: US 1				##### c								
		TF	0/100/0					4,778 c			4,778	
											Total Funds: 756,627	

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: 4879		Agency ID: PG7001		Title: MD 210 at Kerby Hill Road/Livingston Road							Complete: 2020	
Facility: MD 210 at Kerby Hill Road/Livingston Road		HPP	80/20/0	1,061 a								
From:		STP	100/0/0		358 a						358	
To:												
											Total Funds: 358	

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 5, Branch Avenue

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	2,665 a	1,150 a	1,150 a	2,716 a				5,016	
From: MD 373 /Brandywine Road Relocated												
To:												
											Total Funds: 5,016	

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:	
Facility: MD 5		HPP	80/20/0	2,782 b	965 b						3,566	
From: MD 373				33 c	2,601 c							
To: US 1		STP	100/0/0	2,886 c								
											Total Funds: 3,566	

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



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		Source	Fed/St/Loc	Previous Funding	FY 11	FY 12	FY 13	FY 14	FY 15	FY 16	Source Total
TIP ID: 3469	Agency ID: PG3916	Title: MD 5, US 301 at T.B to north of the Capital Beltway								Complete: 2020	
Facility:	MD 5 Branch Avenue	NHS	80/20/0	859 a	610 a						610
From:	US 301 at T.B.			8,819 b							
To:	I 495 I-95/I-495										
Total Funds:											610

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 15, Catoctin Mountain Highway

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	2,000 a					4,000
From:	Monocacy Blvd.	SP	80/20/0	713 a		41 a					41
To:											
Total Funds:											4,041

Description: Study to develop interchange options at Monocacy Boulevard.

US 29, Columbia Pike

TIP ID: 3052	Agency ID: MO4253	Title: US 29 Columbia Pike, Stewart Lane, Tech Road, Greencastle Road, and Blackburn Road								Complete: 2040	
Facility:	US 29 Columbia Pike	HPP	80/20/0		400 a						400
From:	Stewart Lane, Tech Road, Greencastle Road, and Bla	NHS	80/20/0	6,826 a							
To:				545 b							
Total Funds:											400

Description: Construct interchanges along US 29 at Stewart Lane, Tech Road, Greencastle Road, and Blackburn Road.




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	500 b	1,000 b	1,840 b		3,000 b		6,340
From:	Potomic River			49,731 b							
To:	US 301/US 50 Interchange										
Total Funds:											6,340


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


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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	0/0/100	900 a	5,000 c	5,000 c					10,000
From: at Jefferson Tech Park											Total Funds: 10,000
To:											
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. 											

Secondary											
MD 124, Woodfield Road											
TIP ID: 2596	Agency ID: MO6321	Title: MD 124, Woodfield Road								Complete: 2010	
Facility: MD 124 Woodfield Road		STP	80/20/0	4,370 a	839 b						8,609
From: south of Airpark Road				16,550 b	7,770 c						
To: north of Fieldcrest Road				26,502 c							Total Funds: 8,609
Description: Construct a 6-lane divided highway from south of Airpark Road to north of Fieldcrest Road. Sidewalks will be included where appropriate. Wide curb lanes will accommodate bicycles. 											

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											Total Funds: 700
To: north of Fieldcrest Road to Warfield Road											
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 201, Kenilworth Avenue											
TIP ID: 4893	Agency ID:	Title: MD 201 (Kenilworth Avenue)								Complete: 2030	
Facility: MD 201		PRIV	0/0/100			5,000 c					5,000
From: Rittenhouse Road											Total Funds: 5,000
To: Pontiac Street											
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. 											

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MD 355, Rockville Pike											
TIP ID: 3529	Agency ID: MO8301	Title: Rockville Pike								Complete: 2015	
Facility:	MD 355 Rockville Pike	HPP	80/20/0	1,929 c	5,082 c						5,082
From:	at Randolph Road/Montrose Parkway	NHS	80/20/0	1,655 a	836 b	836 b					1,672
To:				11,546 b							
		STP	80/20/0	22,001 c							
											Total Funds: 6,754

Description: Construct an interchange at Randolph Road/Montrose Parkway. Sidewalks will be included where appropriate. Wide curb lanes will accommodate bicycles. A hiker/biker path will be included as part of this project.



MD 450, Annapolis Road											
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	2,826 a	100 a	100 a	20 a	13 a			233
From:	Stonybrook Drive										
To:	west of MD 3										
											Total Funds: 233

Description: Widen MD 450, from Stonybrook Drive to west of MD 3, to a four lane divided roadway.



MD 85, Buckeystown Pike											
TIP ID: 3101	Agency ID: FR3881	Title: MD 85, Buckeystown Pike								Complete: 2020	
Facility:	MD 85 Buckeystown Pike	HPP	80/20/0	381 a	1,000 a	2,291 a					3,291
From:	English Muffin Way										
To:	north of Grove Road										
											Total Funds: 3,291


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.




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MD 97, Georgia Avenue											
TIP ID: 3104	Agency ID: MO8541	Title: Georgia Avenue								Complete: 2015	
Facility:	MD 97 Georgia Avenue	STP	80/20/0	5,157 a	340 a	330 a	180 a	12,176 c	16,261 c		41,417
From:	Randolph Road			3,760 b	5,640 b	6,150 b					
To:				1,323 c	340 c						
											Total Funds: 41,417

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. 

Other											
System Preservation Projects											
TIP ID: 3085	Agency ID:	Title: Congestion Management								Complete: 2010	
Facility:	CMAQ	80/20/0	2,162 c	2,277 c	22,200 c	2,220 c	4,440 c				31,137
From:	NHS	80/20/0	637 c	653 c	376 c	360 c	890 c				2,279
To:	STP	80/20/0	174 c	179 c	103 c	98 c	243 c				623
											Total Funds: 34,039


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: 3084	Agency ID:	Title: Safety and Spot Improvements								Complete: 2010	
Facility:	ARRA	100/0/0	13,172 c	12,671 c	4,255 c						16,926
From:	HSIP	90/10/0	5,920 c	5,920 c	5,920 c	5,920 c	11,840 c				29,600
To:	IM	90/10/0	3,242 c	2,466 c	2,536 c	2,919 c	4,822 c				12,743
	NHS	80/20/0	4,771 c	3,712 c	3,991 c	4,831 c	9,928 c				22,462
	STP	80/20/0	13,838 c	12,241 c	12,631 c	15,055 c	30,103 c				70,030
											Total Funds: 151,761

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

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

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		Source	Fed/St/Loc	Previous Funding	FY 11	FY 12	FY 13	FY 14	FY 15	FY 16	Source Total
TIP ID: 3083	Agency ID:	Title: Urban Reconstruction								Complete: 2010	
Facility:		STP	80/20/0	3,361 c	1,848 c	1,358 c	1,614 c	3,370 c			8,190
From:											Total Funds: 8,190
To:											
Description:	Rehabilitation or reconstruction which would include drainage, curb and gutter, pavement milling and resurfacing, streetscapes, sidewalks, signs, markings, and lighting. 										

		Source	Fed/St/Loc	Previous Funding	FY 11	FY 12	FY 13	FY 14	FY 15	FY 16	Source Total
TIP ID: 2710	Agency ID:	Title: Enhancement Projects								Complete: 2012	
Facility:		STP	50/0/50	5,000 c	25,000 c	15,000 c	15,000 c	5,000 c	5,000 c		65,000
From:											Total Funds: 65,000
To:											
Description:	The following projects are included in FY 2010 annual element: 										

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

Calvert County:
Chesapeake Beach Boardwalk
MD 2/4 SWM Facility

Charles County:
Indian Head Boardwalk

Frederick County:
Ballenger Creek Trail Phase 1
Carroll Creek Park Trail - Phase II
Archeology - Frederick County
Catoctin Aqueduct
I-70 South Mountain Welcome Centers

Montgomery County:
Olde Towne Gaithersburg Rolling Stock Restoration
Shady Grove Metro Access Road Bikepath
Rock Creek Hiker-Biker Trail Bridge
Trolley Museum Display Facility

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

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

FINAL DRAFT

		Source	Fed/St/Loc	Previous Funding	FY 11	FY 12	FY 13	FY 14	FY 15	FY 16	Source Total
TIP ID: 3082	Agency ID:	Title: Resurfacing and Rehabilitation								Complete: 2010	
Facility:		ARRA	100/0/0	48,359 c	11,100 c						11,100
From:		IM	90/10/0	4,573 c	3,846 c	7,631 c	9,041 c	20,821 c			41,339
To:		NHS	80/20/0	2,286 c	1,923 c	3,815 c	4,520 c	10,410 c			20,668
		STP	80/20/0	8,384 c	7,051 c	13,990 c	16,575 c	38,172 c			75,788
											Total Funds: 148,895

Description: Pavement milling overlay concrete patching.



TIP ID: 3081	Agency ID:	Title: Bridge Replacement/Rehabilitation								Complete: 2010	
Facility:		ARRA	100/0/0	3,700 c	6,179 c	4,588 c	2,146 c				12,913
From:		BR	80/20/0	19,743 c	21,554 c	18,342 c	18,163 c	42,887 c			100,946
To:		IM	90/10/0	161 c	180 c	145 c	144 c	357 c			826
		NHS	80/20/0	321 c	360 c	291 c	288 c	715 c			1,654
		STP	80/20/0	482 c	540 c	437 c	432 c	1,073 c			2,482
											Total Funds: 118,821

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



TIP ID: 3038	Agency ID:	Title: Environmental Projects								Complete: 2010	
Facility:		ARRA	100/0/0	777 c	333 c	74 c	407 c				814
From:		ARRA/TIGER	100/0/0	3,024 c							
To:		NHS	80/20/0	2,035 c	1,369 c	370 c	370 a	370 c			2,479
		STP	80/20/0	4,415 c	3,011 c	1,937 c	2,358 b	5,898 c			13,204
											Total Funds: 16,497

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



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

FINAL DRAFT

Source	Fed/St/Loc	Previous Funding	FY 11	FY 12	FY 13	FY 14	FY 15	FY 16	Source Total
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TERMs

Transportation Emissions Reduction Measures

TIP ID: 3566	Agency ID:	Title: Commuter Connections Program	Complete: 2025						
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Facility:	State	0/100/0	11,553 e	2,307 e	2,555 e	2,459 e	2,549 e	2,811 e	12,681
From:									Total Funds: 12,681
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

TIP ID: 5695	Agency ID:	Title: Clean Air Partners	Complete:						
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Facility:	State	0/100/0	250 e	250 e	250 e	250 e	250 e		1,000
From:									Total Funds: 1,000
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.

TIP ID: 5773	Agency ID:	Title: Commuter Connections Program - Guaranteed Ride Home Baltimore/St. Mary's	Complete:						
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Facility:	CMAQ	100/0/0		150 e	150 e	170 e			470
From:	State	0/100/0					150 e	150 e	300
To:									Total Funds: 770

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

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

FINAL DRAFT

Source	Fed/St/Loc	Previous Funding	FY 11	FY 12	FY 13	FY 14	FY 15	FY 16	Source Total
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MDOT/Maryland Transit Administration

Transit

Corridor Cities Transitway (CCT)

TIP ID: 3468	Agency ID: 1108	Title: Corridor Cities Transitway (CCT)	Complete:						
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Facility:	State	0/100/0	4,064 a	5,000 a					5,000
From:									Total Funds: 5,000
To:									

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: 2713	Agency ID: 0892/0893	Title: local bus acquisition	Complete:						
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Facility:	CMAQ	80/20/0	2,500 e	2,500 e	2,500 e	2,500 e	2,500 e		10,000
From:									Total Funds: 10,000
To:									

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. 

MARC System Preservation & Improvement

TIP ID: 3534	Agency ID: Multiple	Title: MARC System Preservation & Improvement	Complete:						
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Facility:	Section 5307	80/20/0	22,300 c	2,536 c	1,051 c	1,604 c			5,191
From:	Section 5309-FG	80/20/0		2,030 c	1,256 c		900 c		4,186
To:									Total Funds: 9,377

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


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

FINAL DRAFT


		Source	Fed/St/Loc	Previous Funding	FY 11	FY 12	FY 13	FY 14	FY 15	FY 16	Source Total
MARC Washington Mid-Day Storage											
TIP ID: 5484	Agency ID: 0208	Title: MARC Washington Mid-Day Storage								Complete:	
Facility:		ARRA/5309-NS	80/20/0	17,065	a						
From:		Section 5309-FG	80/20/0	21,865	c	4,298	c				4,298
To:										Total Funds:	4,298

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.

Metro Matters Railcars and Buses											
TIP ID: 3407	Agency ID: 17	Title: Metro Matters Railcars and Buses								Complete:	
Facility:		CMAQ	55/45/0	96,438	c	12,000	c				12,000
From:				63,500	e						
To:										Total Funds:	12,000

Description: The State of Maryland will allocate funds for the procurement of Metrobuses. The buses will be used in Prince George's and Montgomery counties in the delivery of transit service. 

Purple Line											
TIP ID: 2795	Agency ID: 1042	Title: Purple Line								Complete:	
Facility:		Section 5307	80/20/0	27,734	a						
From:		Section 5309-NS	80/20/0	3,750	a						
To:		State/Local	0/100/0			12,307	a				12,307
										Total Funds:	12,307

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 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 \$24,613 in FY 2011 New Starts funds (50% Fed/50% State Split). 

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

FINAL DRAFT

	Source	Fed/St/Loc	Previous Funding	FY 11	FY 12	FY 13	FY 14	FY 15	FY 16	Source Total
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Ridesharing

TIP ID: 3760	Agency ID: 0045	Title: Ridesharing - Statewide Program							Complete:
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Facility:	CMAQ	100/0/0	2,825 e	881 e	881 e	881 e	881 e	881 e	881 e	4,405
From:										Total Funds: 4,405
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 - Operating Assistance

TIP ID: 2853	Agency ID: Operating	Title: Rural Transit - Operating Assistance							Complete:
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Facility:	Section 5311	50/50/0	3,229 e	1,032 e	1,032 e	1,032 e	1,032 e	1,032 e	1,032 e	5,160
From:										Total Funds: 5,160
To:										

Description: Operating assistance for rural service.

Small Urban Systems - Capital

TIP ID: 3012	Agency ID: 0217	Title: Small Urban Systems (Frederick) - Capital							Complete:
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Facility:	Section 5307	80/20/0	3,217 e	799 e	799 e	799 e	799 e	799 e	799 e	3,995
From:										Total Funds: 3,995
To:										

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

Small Urban Systems - Operating Assistance

TIP ID: 2594	Agency ID: Operating	Title: Small Urban Transit systems (Frederick) - Operating Assistance							Complete:
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Facility:	Section 5307	50/50/0	3,753 c	3,753 c	3,753 c	3,753 c	3,753 c	3,753 c	3,753 c	18,765	
From:			6,000 e								
To:										Total Funds: 18,765	

Description: Operating assistance to small urban transit systems, i.e. Frederick.

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

FINAL DRAFT

	Source	Fed/St/Loc	Previous Funding	FY 11	FY 12	FY 13	FY 14	FY15	FY 16	Source Total
Takoma/Langley Park Transit Center										
TIP ID: 3263	Agency ID: 1164		Title: Takoma/Langley Park Transit Center						Complete: 2011	
Facility:	Local	0/0/100	4,554 b	11,478 b						11,478
From:			4,500 c							
To:			903 d							
	Section 5309-B	80/20/0	1,023 a							
Total Funds:										11,478

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.

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

FINAL DRAFT

Source	Fed/St/Loc	Previous Funding	FY 11	FY 12	FY 13	FY 14	FY 15	FY 16	Source Total
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Frederick County

Secondary

Monocacy Blvd & Gashouse Pike - City of Frederick

TIP ID: 3174	Agency ID:	Title: Monocacy Blvd - Central Section Phase II								Complete: 2011
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Facility: Central Section Phae II	Local	0/0/100	5,000	c					5,000
From: Church Street								Total Funds: 5,000	
To: Monocacy Blvd									

Description: Construction of a 1.0 mile, 4-lane arterial roadway.



TIP ID: 5833	Agency ID:	Title: Monocacy Blvd - Central Section Phase III								Complete:
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Facility: Monocacy Blvd	Local	0/0/100	10,000	c					10,000
From: Schifferstadt								Total Funds: 10,000	
To: Gas House Pike									

Description: Construction of a 1.5 mile, 4-lane arterial Roadway.



TIP ID: 5832	Agency ID: F4	Title: Monocacy Blvd - Central Section Phase I								Complete: 2011
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Facility: Monocacy Blvd	Local	0/0/100	10,000	b	13,500	c			23,500
From: Hughes Ford Rd								Total Funds: 23,500	
To: Schifferstadt Blvd									

Description: New 4-lane arterial from Hughes Ford to Schifferstadt Blvd.



Various Roads - County Capital Improvement Program

TIP ID: 5494	Agency ID:	Title: Study, Design, ROW, & Construction								Complete: 2016
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Facility:	Local	0/0/100	6,372	e	583	e	6,973	e	1,741	e	10,147	e	495	e	26,311
From:															Total Funds: 26,311
To:															

Description: Upgrade and improvements to Boyers Mill Road; Christophers Crossing; Ijamsville Road; Old National Pike; Reels Mill Road; Reichs Ford Road; Yeagertown Rd; Shockley Drive/Spectrum Drive & Yellow Springs Road. Intersection Improvements West Frederick. Boyers Mill Road; Crestwood Blvd, Christophers Crossing; Ijamsville Road; Old National Pike; & Yellow Springs Road will include bicycle accomodations.



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

FINAL DRAFT

Source	Fed/St/Loc	Previous Funding	FY 11	FY 12	FY 13	FY 14	FY 15	FY 16	Source Total
Urban									
Various Roads & Bridges - City of Frederick									
TIP ID: 5533		Agency ID: F4		Title: Planning, Design, & Construction				Complete: 2014	
Facility: Opposumtown Pk	Local	0/0/100		3,400 e					3,400
From: US15									Total Funds: 3,400
To: Thomas Johnson Drive									
Description: Opposumtown Pike from US15 to Thomas Johnson Drive									

Bike/Ped									
Bikeways & Trails Program - County Capital Improvement Program									
TIP ID: 5495		Agency ID:		Title: Planning, Design & Construction				Complete: 2016	
Facility: Ballenger Creek Trail	Local	0/0/100				176 a		176 a	352
From: Ballenger Creek District Park	State/Local	0/46/54			1,080 c		1,080 c		2,160
To: Monocacy River									Total Funds: 2,512
Description: Funding may be applied to other Bikeways & Trails Projects other than Ballenger Creek Trail beyond 2012									

City of Frederick - Shared Use Path Plan									
TIP ID: 5534		Agency ID: F4		Title: Planning, Design & Construction				Complete: 2014	
Facility:	Local	0/0/100	3,188 e	423 e					423
From:									Total Funds: 423
To:									
Description: City of Frederick: Phase II & III of Baker Park and Waterford Paths, Phase I of Rails to Trails in the East Street Corridor.									

Bridge									
Various Bridges - County Capital Improvement Program									
TIP ID: 3173		Agency ID: F3		Title: Various bridges				Complete: 2016	
Facility: Various Bridges	BR	72/0/28					2,423 e		2,423
From:	BR.	78/0/22		4,460 e					4,460
To:	Local	0/0/100	1,949 e		502 e	894 e		490 e	3,835
Total Funds: 10,718									
Description: Construct replacement bridges or culverts at the following locations: Boyers Mill Rd; Blacks Mill Rd; Reichs Ford Road; Lewistown Rd; Ball Road; Gas House Pike; Thurston Rd; Pete Wiles Rd. Hessong Bridge Rd									

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

FINAL DRAFT

	Source	Fed/St/Loc	Previous Funding	FY 11	FY 12	FY 13	FY 14	FY 15	FY 16	Source Total
Maintenance										
Pavement Preservation & Safety Improvements										
TIP ID: 5603 Agency ID: F3 Title: Pavement Preservation & Safety Improvements Complete: 2016										

Facility: Various Frederick County Federal Aid Eligible Roads Local 0/0/100 2,500 c 2,500 c 5,000 c 7,500 c 9,680 c 10,320 c 37,500

From: Various Frederick County Roads

Total Funds: 37,500

To: Various Frederick County Roads

Description: The proposed Pavement Preservation and Safety Improvements project is intended to preserve the condition, and improve the safety, of the selected County roadways, all of which are Federal Aid eligible roads. Proposed work includes patching, grinding, Full Depth Reclamation (Christopher's Crossing only), hot mix asphalt overlay, microsurfacing (Old National Pike only), pavement markings, raised pavement markers, guardrail upgrades, and signage upgrades. Under this contract, the County proposes to perform the work on the following roads or intersections: Browningsville Road, Gas House Pike, Penn Shop Road, Windsor Road, Christophers Crossing, & Old National Pike

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

FINAL DRAFT

Source	Fed/St/Loc	Previous Funding	FY 11	FY 12	FY 13	FY 14	FY 15	FY 16	Source Total
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Montgomery County

Primary

Silver Spring Traffic Improvements

TIP ID: 5567	Agency ID: 508716	Title: Silver Spring Traffic Improvements	Complete: 2011						
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Facility: Silver Spring Traffic Improvements	Local	0/0/100	194 a	154 a					1,554
From: Dale Drive			125 e	1,400 c					
To:									Total Funds: 1,554


Description: This project provides for intersection and roadway improvements in Silver Spring, in support of the CBD, Sector Plan, and the Silver Spring Redevelopment project to accommodate the flow of traffic related to development within the CBD. The proposed improvement required an additional turn-lane on both Dale Drive approaches. On the westbound approach, the lane use is proposed as a left-turn only lane, a through only lane and right-turn only lane. The eastbound approach is proposed as two left-turn lanes and a combination through and right-turn lane. The project also includes signal reconstruction, and reconstruction of two parking lots on the east side of Colesville Road.

Secondary

Burtonsville Access Road

TIP ID: 3498	Agency ID: 500500	Title: Burtonsville Access Road	Complete: 2013						
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Facility: Burtonsville Access Road	Local	0/0/100		193 a	226 a				4,236
From: MD 198 Spencerville Road				1,093 c	2,724 c				
To: School Access Road in Burtonsville									Total Funds: 4,236

Description: This project provides a new roadway between Spencerville Road (MD 198) and the School Access Road in Burtonsville. This roadway will consist of two 12-foot 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, eight-foot hiker/biker path, landscaping, and streetlighting. 

Chapman Avenue Extended

TIP ID: 3282	Agency ID: 500719	Title: Chapman Avenue Extended	Complete: 2014						
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Facility: Chapman Avenue	Local	0/0/100	152 a	100 a	100 a	228 a			5,075
From: Randolph Road			3,845 b	1,000 b	1,200 e	2,447 c			
To: Old Georgetown Road									Total Funds: 5,075

Description: This project will provide the final link in the Chapman/Citadel roadway system. The limits are from Randolph Road to just north of 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 

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

FINAL DRAFT

		Source	Fed/St/Loc	Previous Funding	FY 11	FY 12	FY 13	FY 14	FY 15	FY 16	Source Total
Father Hurley Blvd Extended											
TIP ID: 3047	Agency ID: 500516	Title: Father Hurley Blvd Extended								Complete: 2010	
Facility:	Father Hurley Blvd. Extended	Local	0/0/100	900 a	723 a						8,422
From:	Wisteria Drive			9,500 c	6,632 c						
To:	Germantown road			500 e	1,067 e						
Total Funds:											8,422

Description: This project provides for the construction of the final link of Father Hurley Blvd from Wisteria Road to MD 118 Relocated as a four-lane divided, closed section highway with future provisions for two additional lanes, and the construction of a bridge over the CSXT railroad, and retaining walls to minimize impacts to adjacent properties. Pedestrian improvements include an eight foot wide bikeway along the west side of the roadway and a five-foot wide sidewalk along the east side.



Montrose Parkway East											
TIP ID: 3703	Agency ID: 500717	Title: Montrose Parkway East								Complete:	
Facility:	Montrose Parkway East	Local	0/0/100	1,526 a	17,002 b	1,750 b	449 a	866 a			33,467
From:	Parklawn Drive			3,004 b			6,400 c	7,000 c			
To:	Veirs Mill Road/Parkland Road										
Total Funds:											33,467

Description: This project is a new four-lane divided parkway as recommended in the North Bethesda/Garrett Park and Aspen Hill Master Plans. The 5,100 foot roadway will be a closed section with 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 limit is between Parklawn Drive on the west and the intersection of Veirs Mill Road and Parkland Road on the east. The project includes the tie-in to Parklawn Drive and Veirs Mill Road.



Nebel Street Extended											
TIP ID: 3061	Agency ID: 500401	Title: Nebel Street Extended								Complete: 2011	
Facility:	Nebel St Extended	Local	0/0/100	173 a	179 a						4,506
From:	Randolph Rd.			1,078 b	1,066 b						
To:	Bou Ave.			2,512 c	3,259 c						
Total Funds:											4,506

Description: This project extends Nebel St. 1,300 feet north from its existing terminus at Randolph Rd. to a terminus at the Target Store site. The proposed roadway includes a 4-lane closed section roadway with a typical cross section that includes four 12-foot travel lanes, a 5-foot concrete sidewalk adjacent to a 7-foot tree panel along the west side of the road, an 8-foot asphalt bike path adjacent to a 7-foot wide tree panel along the east side of the road, improvements at the intersection of Nebel Street and Randolph Road, and modification of the existing traffic signal at the intersection of Chapman and Bou Avenues.



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

FINAL DRAFT

	Source	Fed/St/Loc	Previous Funding	FY 11	FY 12	FY 13	FY 14	FY 15	FY 16	Source Total
Randolph Road: Rock Creek to Charles Road										
TIP ID: 3019	Agency ID: 500910	Title: Randolph Road							Complete: 2014	
Facility: Randolph Road	Local	0/0/100	74 a	224 a						1,873
From: Crabbs Branch Way			114 b	1,649 c						
To: Baederwood Lane			85 e							

Total Funds: 1,873

Description: Design and reconstruction of 1,500' of existing Randolph Road, from Rock Creek to Charles Road, including intersections at Dewey Road, Saint Dunstan Lane, and Colin Road. Improvements include increasing the radius of the existing roadway from 260' to 535', increasing the length of left turn lanes at Dewey Road, and providing ADA compatible sidewalks, crossings, and ramps.



Travilah Road

TIP ID: 3122	Agency ID: 500101	Title: Travilah Road							Complete:	
Facility: Travilah Road	Local	0/0/100		100 a	40 a					1,000
From: Darnestown Road					560 c					
To: Dufeif Mill Road					300 e					

Total Funds: 1,000

Description: This project provides for the construction of the 14,400 foot-section of Travilah Road between Darnestown Road and Dufeif Mill Road. Phase I includes the construction of a closed section roadway from Darnestown Road to 400 feet west of Nolan Drive. The remainder of the roadway to Welland Terrace will be an upgraded two-lane open section roadway. The project also includes construction of a left-turn lane on Travilah Road at the intersection with Piney Meetinghouse Road intersection, and a right-turn lane into Piney Meetinghouse Road.



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

FINAL DRAFT

		Source	Fed/St/Loc	Previous Funding	FY 11	FY 12	FY 13	FY 14	FY 15	FY 16	Source Total
Woodfield Road Extended											
TIP ID: 3051	Agency ID: 500151	Title: Woodfield Road Extended								Complete: 2011	
Facility:	MD 124 Woodfield Road Extended Extended	Local	0/0/100	693 a	46 a						1,040
From:	MD 108 Main Street			2,874 c	429 c						
To:	MD 27 Ridge Road @ Faith Lane				565 e						
Total Funds:											1,040

Description: This project provides for the construction of a 3,000 extension of MD 124 (Woodfield Road) 1,200' north of the existing MD 124/108 intersection to MD 27 (Ridge Road) as a two-lane, closed section roadway. Specifically, the project also includes:



1. The construction of a 1,250 foot segment of Ridge Road from 450 feet south of the existing Ridge Road / Faith Lane intersection to 300 feet north of the Ridge Road /Gue Road intersection
2. Provision of auxiliary left-turn lanes on Woodfield Road at Faith Lane and Ridge Road
3. Realignment of Faith Lane to intersect Woodfield Road at a point 350 feet south of Ridge Road
4. Construction of a separated 8-foot wide bikeway along the eastern side of Woodfield Road Extended from Main Street to Ridge Road
5. Widening Ridge Road to provide two 12-foot wide travel lanes, two 4-foot wide paved shoulders, and an auxiliary left-turn lane at the proposed intersection with Woodfield Road.

The project will divert through traffic away from the Damascus Town Center providing a direct linkage between MD 124 and MD 27.

Bike/Ped

Annual Bikeway Program

TIP ID: 3066	Agency ID: 507596	Title: Annual Bikeway Program								Complete:	
Facility:	Annual Bikeway Program	Local	0/0/100	395 a	165 a	190 a	102 a	265 a			1,915
From:				360 c	325 c	305 c	420 c				
To:				90 e	60 e	55 e	28 e				
Total Funds:											1,915

Description: This program provides funds to design and construct bikeway and trail projects in Montgomery County. The purpose of the program is to develop the bikeway network specified by master plans and to enable access to commuter rail and mass transit, major employment centers, recreational and educational facilities, and other major attractions. Bikeway types include separate paths, designated lanes, and signed shared routes along roads.

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

FINAL DRAFT

		Source	Fed/St/Loc	Previous Funding	FY 11	FY 12	FY 13	FY 14	FY 15	FY 16	Source Total
Annual Sidewalk Program											
TIP ID: 3067	Agency ID: 506747	Title: Annual Sidewalk Program								Complete:	
Facility:	Annual Sidewalk Program	State/Local	0/4/96	1,008 a	379 a	379 a	379 a	379 a			7,477
From:				10 b	5 b	5 b	5 b	5 b			
To:				4,769 c	1,923 c	1,923 c	1,923 c	43 e			
				86 e	43 e	43 e	43 e				
Total Funds:											7,477

Description: This pedestrian access improvement program provides sidewalks and bus pads 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 ADA compliance.

Dale Drive Sidewalk											
TIP ID: 5563	Agency ID: 500904	Title: Dale Drive Sidewalk								Complete: 2012	
Facility:	Dale Drive Sidewalk	Local	0/0/100	277 a	182 a	80 a					4,003
From:	Mansfield Road			620 b	2,500 c	1,057 c					
To:	Hartford Avenue				184 e						
Total Funds:											4,003

Description: This project provides for ROW acquisition and construction of 1,900 foot length 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. 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.

Falls Road East Side Hiker/Biker Path											
TIP ID: 3429	Agency ID: 500905	Title: Falls Road Bikeway								Complete:	
Facility:	Falls Road Bikeway	Local	0/0/100		50 a	130 a	80 a	360 a			7,730
From:	River Road					1,000 b	2,900 b	3,210 c			
To:	Dunster Road										
Total Funds:											7,730

Description: This project provides funds to develop final design plans 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 safe access to communities along the project corridor and will provide connection to existing pedestrian facilities to the north (Rockville) and to the south (Potomac).



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

FINAL DRAFT

		Source	Fed/St/Loc	Previous Funding	FY 11	FY 12	FY 13	FY 14	FY 15	FY 16	Source Total
Greentree Road Sidewalk											
TIP ID: 3380	Agency ID: 500506	Title: Greentree Road Sidewalk								Complete:	
Facility: Greentree Road Sidewalk		Local	0/0/100	220 a	263 a						2,816
From: MD 187 Old Georgetown Road				220 b	2,253 c						
To: Fernwood Road					300 e						
											Total Funds: 2,816

Description: This project provides for a sidewalk on the north side of Greentree Road, curb and gutter, residential sidewalk ramps, and expansion of the existing drainage system. It provides approximately 6,400 feet of four-foot concrete sidewalk and approximately 3,900 feet of storm drain system along one side of Greentree Road from Old Georgetown Road (MD 187) to Fernwood Road. The project will include design and construction of the concrete sidewalk, curb and gutter, inlets, and storm drain pipes.

MacArthur Blvd Bikeway Improvements											
TIP ID: 3249	Agency ID: 500718	Title: MacArthur Boulevard Bikeway Improvements								Complete: 2011	
Facility: MacArthur Boulevard Bikeway Improvements		Local	0/0/100	871 a	445 a						665
From:				6,500 c	220 e						
To:											
											Total Funds: 665

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: 2011	
Facility: MacArthur Boulevard		Local	0/0/100	871 a	445 a						4,665
From: I 495 Capital Beltway				2,500 c	4,000 c						
To: Oberlin Avenue					220 e						
											Total Funds: 4,665

Description: This project provides bikeway improvements along 13,800' of MacArthur Boulevard from I-495 to Oberlin Avenue



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

FINAL DRAFT

		Source	Fed/St/Loc	Previous Funding	FY 11	FY 12	FY 13	FY 14	FY 15	FY 16	Source Total
Pedestrian Safety Program											
TIP ID: 3642	Agency ID: 500333	Title: Pedestrian Safety Program								Complete:	
Facility:	Pedestrian Safety Program	Local	0/0/100	150 a	100 a	100 a	100 a	100 a	100 a		8,000
From:				2,050 c	1,250 c	1,250 c	1,250 c	1,250 c	1,250 c		
To:				400 e	250 e	250 e	250 e	250 e	250 e		
										Total Funds:	8,000

Description: This project provides for the review and analysis of existing physical structures and traffic controls 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; 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.

Bridge											
Clarksburg Road Bridge No. M - 009B											
TIP ID: 5558	Agency ID: 500900	Title: Clarksburg Road Bridge No. M-009B								Complete: 2011	
Facility:	Clarksburg Road Bridge	Local	0/0/100	300 a	72 a						340
From:				5 b	230 c						
To:				922 c	38 e						
										Total Funds:	340

Description: This project provides for the replacement of the existing Clarksburg Road Bridge No. M-009B, plus approximately 450 feet of approach roadway work to tie the replaced structure to the existing roadway. The replacement structure will provide two 11-foot travel lanes with a 4-foot wide houlder on each side, for a total bridge width of 30 feet. This width will allow for the implementation of safe on-road bicycling, in accordance with the Master Plan.

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

FINAL DRAFT

		Source	Fed/St/Loc	Previous Funding	FY 11	FY 12	FY 13	FY 14	FY15	FY 16	Source Total
East Gude Drive Westbound Bridge No. M-131-4											
TIP ID: 5559	Agency ID: 500901	Title: East Gude Drive Westbound Bridge No. M-131-4								Complete: 2012	
Facility:	East Gude Drive Westbound Bridge No. M-131-4	FA	100/0/0		338 a						338
From:		Local	0/0/100	588 a	830 c	166 a					1,439
To:				25 e	8 e	415 c					
						20 e					
										Total Funds:	1,777

Description: This project provides for the rehabilitation of the existing East Gude Drive westbound bridge over CSX Railroad and WMATA Metro Rail. The existing westbound bridge is a four-span structure including two eastern simple spans built in 1968, and two western continuous spans built in 1981. The proposed rehabilitation work is necessary to provide a safe roadway condition for the traveling public and prolong the service life of the structure.

Enhancement											
Silver Spring Green Trail - Interim											
TIP ID: 3125	Agency ID: 509975	Title: Silver Spring Green Trail								Complete:	
Facility:	Silver Spring Green Trail	Local	0/0/100				40 a				257
From:	Fenton Street						217 b				
To:	Sligo Creek Hiker-Biker Trail	State/Local	0/10/90					426 a			4,718
								812 b			
								3,422 c			
								58 e			
										Total Funds:	4,975

Description: This project provides for the construction of a 4,500 linear foot urban trail as part of a roadway along one of the alignments under consideration for the Purple Line. The proposed interim trail includes an 8-foot wide bike path, and an adjacent 5-foot wide concrete sidewalk. The trail will travel through the Silver Spring CBD, along the northern side of Wane Avenue from Fenton Street to the Sligo Creek Hiker Biker Trail. The interim trail will provide access to the Silver Spring Transit Station, via the Metropolitan Branch Trail, and the future Capital Crescent Trail.

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

FINAL DRAFT

Source	Fed/St/Loc	Previous Funding	FY 11	FY 12	FY 13	FY 14	FY 15	FY 16	Source Total
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**ITS
Advanced Transportation Management System**

TIP ID: **3065** Agency ID: **509399** Title: **Advanced Transportation Management System** Complete: _____

Facility: Advanced Transportation Management System	Local	0/0/100	150 a	169 a	169 a	169 a	169 a		6,000
From:			1,200 e	1,331 e	1,331 e	1,331 e	1,331 e		
To:									
Total Funds:									6,000

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 emphasizes - Deployment, dated February 2001. 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

TIP ID: **3648** Agency ID: **500704** Title: **Traffic Signal System Modernization** Complete: **2014**

Facility: Traffic Signal System Modernization	State/Local	0/40/60	1,096 a	548 a	548 a	548 a	548 a		21,085
From:			9,345 e	5,266 e	4,980 e	4,502 e	4,145 e		
To:									
Total Funds:									21,085

Description: This project provided for Phase I which consisted of requirements development, systems engineering, and testing to modernize the traffic control system. Phase II entails acquisition and implementation of a state-of-the-art replacement of the current central traffic signal control system. Key elements of the modernization include system central hardware and software, and communications system cable plant reconfiguration. Implementation and quality assurance are expected to take place in FYs 2009 - 2014.

Other

Bethesda Lot 31 Parking Garage

TIP ID: **5562** Agency ID: **500932** Title: **Bethesda Lot 31 Parking Garage** Complete: **2012**

Facility: Bethesda Lot 31 Parking Garage	Local	0/0/100	2,326 a	563 a	563 a				81,130
From:			1,363 c	38,265 c	40,002 c				
To:			4,000 e	1,737 e					
Total Funds:									81,130

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. The public parking garage will include approximately 1,100 County owned and operated spaces. 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

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

FINAL DRAFT

		Source	Fed/St/Loc	Previous Funding	FY 11	FY 12	FY 13	FY 14	FY15	FY 16	Source Total
North County Maintenance Depot											
TIP ID: 3017	Agency ID: 500522	Title: North County Maintenance Depot								Complete: 2013	
Facility:	North County Maintenance Depot	Local	0/0/100	3,234 a	2,915 a	1,147 a	995 a	491 a			70,438
From:				9,983 b	2,806 c	17,611 c	22,728 c	100 e			
To:					2,839 e	16,515 e	2,291 e				
											Total Funds: 70,438

Description: This project will provide for the planning and design of a new North County Depot for the DOT and Department of General Services. The facility will serve as a staging, operations, and maintenance center, and will accommodate the planned future growth of the County's transit fleet. The new North County facility will accommodate 250 new buses and almost 90 pieces of heavy duty vehicle and equipment, and provide for their maintenance.

Pavement Resurfacing

TIP ID: 5811	Agency ID:	Title: Pavement Resurfacing: Wightman Road - ARRA								Complete: 2011	
Facility:	Wightman Road	ARRA	100/0/0		707 c						707
From:	Brink Road										Total Funds: 707
To:	Goshen Road										

Description: Resurfacing and associated patching of Wightman Road from Brink Road to Goshen Road. The road is in immediate need of resurfacing and associated patching.

TIP ID: 5810	Agency ID:	Title: Pavement Resurfacing: Travilah Road - ARRA								Complete: 2011	
Facility:	Travilah Road	ARRA	100/0/0		917 c						917
From:	Dufief Road										Total Funds: 917
To:	River Road										

Description: Resurfacing and associated patching of Travilah Road from Dufief Road to River Road. The road is in immediate need of resurfacing and associated patching.

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

FINAL DRAFT

Source	Fed/St/Loc	Previous Funding	FY 11	FY 12	FY 13	FY 14	FY 15	FY 16	Source Total
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**Transit
ADA Compliance Transportation Access**

TIP ID: 3068	Agency ID: 509325	Title: ADA Compliance Transportation Access	Complete:						
Facility: ADA Compliance Transportation Access	Local	0/0/100	248 a	124 a	124 a	124 a	124 a	124 a	7,475
From:			2,686 c	1,343 c	1,343 c	1,343 c	1,343 c	1,343 c	
To:			56 e	28 e	28 e	28 e	28 e	28 e	
Total Funds:									7,475

Description: This project provides for planning, design, and reconstruction of existing infrastructure Countywide to enable obstruction free access to public facilities, public transportation, central business districts, and transit sectors serviced by Metrorail. The project was initiated as a means of providing compliance with the Americans With Disabilities Act of 1990 (ADA). Funds are provided through this project for the removal of barriers to wheelchair users such as: signs, poles, fences; and to make intersection improvements, such as the reconstruction of median breaks and new curb ramps, crosswalks, and sidewalk connectors to bus stops.



Bethesda Metro South Entrance

TIP ID: 5560	Agency ID: 200929	Title: Bethesda Metro South Entrance	Complete: 2015						
Facility: Bethesda Metro South Entrance	Local	0/0/100	5,100 a	250 a	250 a	1,600 a	1,700 a		47,300
From: Elm Street west of Wisconsin Avenue						21,500 c	22,000 c		
To:									
Total Funds:									47,300

Description: This project provides access from Elm Street west of Wisconsin Avenue to the southern end of the Bethesda Metrorail Station. Currently there is one entrance, near East-West Highway. The Metrorail station was built with accommodations for a future southern entrance.

Bus Stop Improvement Program

TIP ID: 3063	Agency ID: 507658	Title: Bus Stop Improvement Program	Complete:						
Facility: Bus Stop Improvement Program	Local	0/0/100	235 a	240 a	240 a	20 a	20 a		4,240
From:			1,745 c	1,760 c	1,780 c	180 c			
To:			250 e						
Total Funds:									4,240

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, paved passenger standing areas, and other safety updrades. 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.

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

FINAL DRAFT

		Source	Fed/St/Loc	Previous Funding	FY 11	FY 12	FY 13	FY 14	FY 15	FY 16	Source Total
Montgomery Mall Transit Center											
TIP ID: 2898	Agency ID: 500714	Title: Montgomery Mall Transit Center								Complete: 2011	
Facility: Montgomery Mall Transit Center	Local	0/0/100		20 a							1,100
From:				1,080 c							
To:											Total Funds: 1,100

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 and a driver restroom.



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

FINAL DRAFT

Source	Fed/St/Loc	Previous Funding	FY 11	FY 12	FY 13	FY 14	FY 15	FY 16	Source Total
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Prince George's County

Primary

Contee Road Reconstruction

TIP ID: 5425	Agency ID:	Title: Construct Contee Road from I-95 to Old Gunpowder Road								Complete: 2015
Facility: Contee Road	Local	0/0/100	100 a	200 a	250 a	350 a	250 a	171 a	18,156	
From: US 1 Baltimore Avenue				200 b	250 b	350 b	250 b	50 b		
To: Old Gunpowder Road							8,500 c	7,335 c		
								Total Funds:	18,156	

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



Secondary

Auth Road

TIP ID: 5608	Agency ID:	Title: Auth Road II							Complete:
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.

Church Road

TIP ID: 3111	Agency ID:	Title: Church Road								Complete: 2011
Facility: Church Road	Local	0/0/100	500 a	100 a					2,700	
From: Woodmore Road			400 b	100 b						
To: Central Ave. (MD 214)			2,500 c	2,500 c						
								Total Funds:	2,700	

Description: Reconstruction to provide a four-lane facility to support local development and improvement area traffic flow.



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

FINAL DRAFT

		Source	Fed/St/Loc	Previous Funding	FY 11	FY 12	FY 13	FY 14	FY 15	FY 16	Source Total
Livingston Road											
TIP ID: 5806	Agency ID:	Title: Bridge Replacement - Livingston Road								Complete:	
Facility:		BR	80/0/20		200 a	150 a	50 a				5,495
From:					40 b	4 b	1,571 c				
To:						3,480 c					
											Total Funds: 5,495

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.



Lottsford, Woodmore, and Mount Oak Roads											
TIP ID: 4895	Agency ID:	Title: Intersection of Woodmore, Mt.Oak and Church								Complete: 2010	
Facility:	Intersection of Mt. Oak/Church Rd./Woodmoore Road	Local	0/0/100		1,100 a	200 a					3,763
From:					2,305 b	93 b					
To:					4,450 c	3,470 c					
											Total Funds: 3,763

Description: Geometric improvements to the Mt. oak/ Church Rd/ Woodmore Rd intersection and approach roadways, and including realignment of Woodmore Road. Design is being coordinated with the Curch road Improvments.



Old Gunpowder Road											
TIP ID: 5258	Agency ID:	Title: Old Gunpowder Road II								Complete: 2015	
Facility:	Old Gunpowder Road	Local	0/0/100		460 a	100 a	4,800 c	2,000 c			11,300
From:	Powder Mill Road				1,000 b	2,400 b					
To:	Greencastle Road					2,000 c					
											Total Funds: 11,300

Description: Phase II consists of constructing the remaining unbuilt portion of the ultimate full collector section from Denim Road to MD 198



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

FINAL DRAFT

		Source	Fed/St/Loc	Previous Funding	FY 11	FY 12	FY 13	FY 14	FY 15	FY 16	Source Total
Oxon Hill Road											
TIP ID: 4912	Agency ID:	Title: Phase 2								Complete: 2013	
Facility:	Oxon Hill Road	Local	0/0/100	1,040 a	250 a	100 a	70 a				13,982
From:	National Harbor Ent.			856 b	872 b	6,345 c	6,345 c				
To:	Fort Foote North										
										Total Funds:	13,982

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.



Rhode Island Avenue

TIP ID: 5259	Agency ID:	Title: Rhode Island Avenue, Phase I								Complete: 2016	
Facility:	Rhode Island Avenue	Local	0/0/100	440 a	72 a						1,441
From:	MD 193			424 b	1,369 c						
To:	US Route 1			1,833 c							
										Total Funds:	1,441

Description: This project consists of rehabilitating Rhode Island Avenue in three phases from MD 193 to US Route 1. Improvements will include constructing a traffic signal at Edgewood Road, traffic calming measures, intersection improvements, bicycle trails/shoulder lanes and the resurfacing of the roadway. Phase I will extend from US Route 1 to Edgewood Road, and includes installing a new signal at Edgewood Road. Phase 2 will extend from Edgewood Road to MD 193. Phase 2 is not funded pending finalization of scope.



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

FINAL DRAFT

	Source	Fed/St/Loc	Previous Funding	FY 11	FY 12	FY 13	FY 14	FY 15	FY 16	Source Total
Roadway Resurfacing on County and Municipal Roads										
TIP ID: 5667	Agency ID:	Title: Roadway Resurfacing on County and Municipal Roads							Complete: 2010	

Facility:

From:

To: various

Description: Resurface the following segments of road in Prince George's County:
 Brandywine Road from Floral Park Road to Moores Road
 Brinkley Road from Allentown Road to John Adams Drive
 D'Arcy Road from D'Arcy Place to Steve Drive
 Old Fort Road from Washington Lane to Livingston Road
 Old Fort Road from MD 210 to Allentown Road
 Windbrook Drive from Kidder Road to Floral Park Road
 East Swan Creek Road from MD 210 South to Fort Washington Road
 Fort Foote Road from Jessica Drive to Lark Lane
 Old Branch Avenue from Allentown Road to Aley Road
 Temple Hill Road from 560' South of Allentown Road Jean Marie Drive
 23rd Pkwy N. Bound from 23rd Place to Kirby Drive
 23rd Pkwy S. Bound from 23rd Place to Olson Street
 County Road from Walker Mill Road to Tilghmans Lane
 Hampton Park Boulevard from MD 214 to 1600' S. on Edgeworth Drive
 Old Marlboro Pike from Old Marlboro Pike Service Road to Ritchie Marlboro Road
 Shady Glen Drive from MD 214 to Walker Mill Road
 Westphalia Road from Melwood Road to Matapake Drive
 White House Road from Power Line X-ing @ House #10810 to MD 202
 Cabin Branch Drive from Columbia Park Road to Sheriff Road
 Whitfield Chapel Road from MD 450 to Ardmore Road and from Fowler Lane to MD 704
 Hillmeade Road from Quick Fox Lane to Northbrook Drive
 Highbridge Road from MD 450 to Old Chapel Road
 Good Luck Road from MD 193 to 96th Avenue
 Belcrest Road from Adelphi Road to MD 410
 Brooklyn Bridge Road from Montgomery Street to Bond Mill Road
 Rhode Island Avenue from Odell Road to Powder Mill Road
 Seat Pleasant Drive from Addison Road to 70th Place
 Capitol Heights Boulevard from MD 214 to Chamber Avenue
 District Heights Parkway from Rochelle Avenue to County Road
 Taylor Road from Lafayette Place to Decatur Street
 57th Avenue from Emerson Street to Jefferson St.
 Cheverly Avenue from Inwood Street to Hawthorne Street
 Mount Oak Road from US 301 to Artesian Lane
 Hanover Parkway from MD 193 to Ora Glen Drive
 72nd Avenue from Varnum Street to Taylor Street
 Westbrook Drive from S.W. End to Lamont Drive
 Clagget Road from College Heights Drive to Queens Chapel Road
 Chillum Road from Queenstown Drive to Queens Chapel Road
 Sandy Spring Road from Montgomery Road to West View Terrace

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

FINAL DRAFT

Source	Fed/St/Loc	Previous Funding	FY 11	FY 12	FY 13	FY 14	FY 15	FY 16	Source Total
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Suitland Road

TIP ID: 3037	Agency ID:	Title: Suitland Road							Complete: 2018
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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.



TIP ID: 3157	Agency ID:	Title: Suitland Road							Complete: 2018
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Facility: Suitland Road	Earmark	100/0/0	1,200 c						
From: MD 337 Allentown Road	Local	0/0/100	328 a	150 a	111 a				13,366
To: Suitland Parkway			122 b	6,288 c	6,817 c				
			4,135 c						

Total Funds: 13,366

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



Surratts Road

TIP ID: 3159	Agency ID:	Title: Surratts Road							Complete: 2012
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Facility: Surratts Road	Local	0/0/100	225 a	85 a	85 a				339
From:			750 b	43 b	126 b				
To:									

Total Funds: 339

Description: Construction and reconstruction to provide a collector-type facility to support local development, and to improve safety and area traffic flow.



Virginia Manor Road

TIP ID: 3165	Agency ID:	Title: Virginia Manor Road							Complete: 2015
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Facility: Virginia Manor Road	PRIV	0/100/0	800 a	200 a	1,000 b	1,000 c			10,200
From: Muirkirk Road			1,000 b	2,000 b	3,000 c				
To: Van Dusen Road/Contee Road Interchange				3,000 c					

Total Funds: 10,200

Description: Construction to provide a four-lane facility to support local development and to improve area traffic flow. This project will reconstruct and realign Virginia Manor Road (as anticipated MD 201 extended) in conjunction with the construction of the Inter County Connector and the construction of Konterra. Project to be constructed between Van Dusen Road/Contee Road Interchange and Muirkirk Road funded by the State or developer contributions from area development that have traffic impacts to this roadway.



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

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		Source	Fed/St/Loc	Previous Funding	FY 11	FY 12	FY 13	FY 14	FY 15	FY 16	Source Total	
Wheeler Road												
TIP ID: 3166	Agency ID:	Title: Wheeler Road								Complete:		
Facility:	Wheeler Road	Local	0/0/100	200 a	100 a	90 a					3,640	
From:	Owens Road			240 b	500 b	130 b						
To:	St. Barnabas Road				1,410 c	1,410 c						
											Total Funds:	3,640

Description: This project consists of a double left turn lane and a free right turn lane along eastbound/Southbound Wheeler Road at Saint Barnabas Road.



Bridge												
Bock Road Bridge Replacement												
TIP ID: 5397	Agency ID:	Title: Bock Road Bridge Replacement								Complete:		
Facility:	Bock Road Bridge	BR	80/0/20	916 a	148 a						2,065	
From:	north side of Henson Creek			517 b	1,917 c							
To:	south side of Henson Creek			8,602 c								
											Total Funds:	2,065

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.

Brandywine Road Bridge Replacement												
TIP ID: 5400	Agency ID:	Title: Brandywine Road Bridge Replacement								Complete:		
Facility:	Brandywine Road Bridge over Piscataway Creek	BR	80/0/20		100 a	100 a	100 a				4,920	
From:	north side of Piscataway Creek				40 b	2,290 c	2,290 c					
To:	south side of Piscataway Creek											
											Total Funds:	4,920

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.

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

FINAL DRAFT

Source	Fed/St/Loc	Previous Funding	FY 11	FY 12	FY 13	FY 14	FY 15	FY 16	Source Total
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Bridge Rehabilitation, Federal Aid

TIP ID: 5401	Agency ID:	Title: Bridge Replacement, Federal Aid								Complete:
Facility: Bridge Replacement Federal Aid	BR	80/0/20		100 a	100 a	150 a	300 a	300 a	4,500	
From: various locations				400 c	400 c	550 c	1,100 c	1,100 c		
To: various locations									Total Funds: 4,500	

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.

Bridge Repair and replacement I & II

TIP ID: 5402	Agency ID:	Title: Bridge Repair and Replacement 1&2								Complete:
Facility: Bridge Repair and Replacement	BR	80/0/20	200 a	400 a	300 a	200 a	200 a	200 a	7,080	
From: various locations			1,350 c	1,480 c	750 c	850 c	1,350 c	1,350 c		
To: various locations	BR.	2/0/98	222 a							
			6,886 c						Total Funds: 7,080	

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.

Bridge Replacement - Oxon Hill Road

TIP ID: 5807	Agency ID:	Title: Bridge Replacement - Oxon Hill Road								Complete:
Facility:	BR	80/0/20		100 a	100 a	55 a			5,524	
From:				50 b	50 b	3,069 c				
To:						2,100 c			Total Funds: 5,524	

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.

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

FINAL DRAFT

		Source	Fed/St/Loc	Previous Funding	FY 11	FY 12	FY 13	FY 14	FY 15	FY 16	Source Total
Brinkley Road Bridge Replacement											
TIP ID: 5403	Agency ID:	Title: Brinkley Road Bridge Replacement								Complete:	
Facility:	Brinkley Road Bridge	BR	80/0/20	934 a	200 a						994
From:	north side of Henson Creek			430 b	794 c						
To:	south side of Henson Creek			4,681 c							
				4 e							
Total Funds:											994

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.

Greencastle Road Bridge Replacement											
TIP ID: 5404	Agency ID:	Title: Greencastle Road Bridge Replacement								Complete:	
Facility:	Greencastle Road Bridge	BR	80/0/20	200 a	150 a	150 a	75 a				2,475
From:	west side of Little Paint Branch					1,125 c	975 c				
To:	east side of Little Paint Branch										
Total Funds:											2,475

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.

Sunnyside Avenue Bridge Replacement											
TIP ID: 5808	Agency ID:	Title: Sunnyside Avenue Bridge Replacement								Complete:	
Facility:		BR	80/0/20	400 a	100 a	25 b	3,550 c				5,225
From:				100 b		1,550 c					
To:											
Total Funds:											5,225

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.

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

FINAL DRAFT

		Source	Fed/St/Loc	Previous Funding	FY 11	FY 12	FY 13	FY 14	FY 15	FY 16	Source Total
Maintenance											
Curb and Road Rehabilitation I & II											
TIP ID: 5609	Agency ID:	Title: Curb and Road rehabilitation II								Complete:	
Facility: various locations		ARRA	100/0/0	11,200 c							
From:		Local	0/0/100	200 a	200 a	800 a	800 a	800 a	800 a		41,201
To:					5,449 c	6,914 c	11,652 c	6,095 c	7,691 c		
Total Funds:											41,201

Description: This Project provides funding for rehabilitation County streets, curbs and sidewalks, various safety improvements, installing new sidewalks, construction 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. \$2.5 million of "other funding will come a general fund transfer and \$7.397 million will come from the American recovery and reinvestment Act (ARRA) stimulus funding.

City of Gaithersburg

Secondary											
Extension of Teachers Way											
TIP ID: 5766	Agency ID:	Title: Extension of Teachers Way								Complete: 2010	
Facility: Teachers Way		FA	90/0/10	200 c	1,055 c						1,055
From: Girard Street		FA	100/0/0	200 c	1,055 c						1,055
To: N. Summit Avenue		Local	0/0/100	145 a							
Total Funds:											1,055

Description: This project is for the design and construction of the widening and lengthening of Teachers Way from Girard Street to N. Summit Avenue.



The City will be responsible for the portion of the roadway from Girard Street to a point approximately 150 ft. west of the existing dead end at Gaithersburg Middle School. A private developer will design and construct the remaining portion of the roadway between the end of the City designed portion of the roadway and N. Summit Avenue.

The typical street section will consist of an 8 ft. hiker-biker path, a 7 ft. planting strip, 2- 12 ft. travel ways, a 7 ft planting strip, and a 5 ft. sidewalk. This project also includes the reconfiguration of parking for the Gaithersburg Middle School to provide 20+ off street bus stacking spaces as well as construction of new parking spaces to replace spaces lost as a result of the extension of Teachers Way. Modifications to the existing athletic fields between Gaithersburg Elementary School and Gaithersburg Middle School will also be necessary.

VIRGINIA

Surface Transportation

V – 1

Transit Capital

V – 15


Appendix A – Grouped Projects

V – 23


**NORTHERN VIRGINIA
TRANSPORTATION IMPROVEMENT PROGRAM
CAPITAL COSTS (in \$1,000)**

FINAL DRAFT

		Source	Fed/St/Loc	Previous Funding	FY 11	FY 12	FY 13	FY 14	FY 15	FY 16	Source Total
Interstate										5	
I-495 HOT/HOV Lanes											
TIP ID: 4190	Agency ID: 56356	Title: I-66 Access Improvements and Flyover								Complete: 2012	
Facility:	I 66 Access Improvements and Flyover Ramp	IM	90/10/0	4,484 a	17,253 c	11,040 c					28,293
From:	I-66 Interchange at I-495 (Capital Beltway)			9,989 c							
To:	NHS		80/20/0		7,239 c	8,121 c					15,360
										Total Funds:	43,653

Description: This Project includes relocating the existing general purpose exit ramp from EB I-66 to NB I-495 general purpose lanes so as to have the exit ramp merge with I-495 on the right side instead of the left side. The project may also include modifications to other general purpose ramps including roadway/bridge reconstruction; sound walls; pedestrian/bicycle facilities; and incidental construction such as lighting, drainage etc. within the interchange. This project will not include improvements that will provide access to the HOT Lanes for toll-paying vehicles (included under the Beltway HOT lanes project). The project will be implemented in conjunction with the Beltway HOT Lanes project. 

TIP ID: 4545	Agency ID: 68805	Title: I-495 Widen Capital Beltway to 12 Lanes								Complete: 2012	
Facility:	I 495 Capital Beltway HOT Lanes	NHS	80/20/0	12,620 a							
From:	I 95/395 Interchange	TIFIA	100/0/0	298,874 c	187,653 c	203,774 c					391,427
To:	Dulles Toll/Access Road										Total Funds: 391,427

Description: Widen I-495 (Capital Beltway) to 12 lanes by adding four high-occupancy toll (HOT) lanes (two in each direction) between the Springfield Interchange and a point just south of VA 193 (Georgetown Pike). The HOT Lanes would connect (via construction of ramps as part of UPC 14682 Rte 95 Interchange Improvements, Phase VIII) to the I-95 / I-395 HOV lanes in the vicinity of the Springfield Interchange. This would permit HOT traffic to continue northward from I-95 to Georgetown Pike, and vice versa. 

Intermediate access would be provided directly onto the HOT lanes by separate ramps at VA 620 (Braddock Road), US 29 (Lee Highway) (to and from the south only), I-66, VA 123 (Chain Bridge Road), and the VA 267(Dulles Airport Access and Toll Road). Although the existing interchanges within this segment of I-495 may be reconfigured, access to / from the general-purpose lanes from / to the interchanging arterials and freeways will be maintained by this project.

Access to the HOT lanes would be available to automobile, light truck, bus and transit vehicles only. The Commonwealth Transportation Board (CTB), or the Commissioner in the course of negotiating the Comprehensive Agreement, will determine the minimum number of occupants (not less than three) required to be in a vehicle for travel on the HOT lanes without payment of a toll. Any other vehicles not meeting the occupancy requirement would pay, using electronic toll collection equipment, a toll at a rate that would vary by time of day. Buses and other transit vehicles, and emergency response vehicles would operate on the HOT lanes for free.

This project will be financed under Virginia's Public-Private Transportation Act (PPTA) of 1995. Financing will be arranged by a private contractor and therefore will not make use of traditional funding sources.

Operations are governed by Virginia HOT Lanes laws (§ 33.1-56.1 et seq. of the Code of Virginia).

Bicycle/pedestrian accommodations included


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

FINAL DRAFT

Source	Fed/St/Loc	Previous Funding	FY 11	FY 12	FY 13	FY 14	FY 15	FY 16	Source Total
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TIP ID: **5035** Agency ID: **84742** Title: **I-495 Pavement Rehabilitation** Complete: **2013**

Facility: I 495 Pavement Rehabilitation and Other Construction AC Conversion 90/10/0 1,500 a 1,500 a 2,954 a 26,500
 From: I-95/395/495 Springfield Interchange 9,990 c 12,056 c
 To: South of VA 193 Georgetown Pike **Total Funds: 26,500**

Description: Project includes Pavement Rehabilitation on the Beltway and I-66 within the Beltway HOT Lanes project limits and 'other construction' in conjunction with the Beltway HOT Lanes project. 'Other Construction' activities may include: reconstruction of existing interchanges (other than any portion of such interchanges that will provide access to the HOT Lanes for toll-paying vehicles); roadway/bridge reconstruction; sound walls; pedestrian/bicycle facilities; and incidental construction such as lighting, drainage etc. at the following locations within the project limits: Wakefield Park Pedestrian Bridge, Little River Turnpike (Route 236), W&OD Pedestrian Bridge, Idylwood Road (Route 695), Oak Street (Route 769), and Lewinsville Road (Route 694). 

TIP ID: **5550** Agency ID: **89486** Title: **I-495 HOT Lane Support** Complete:

Facility: I-495 NHS 80/20/0 3,125 a 20,000 b 33,750 c 58,758
 From: I-95 3,148 b 5,008 c
 To: VA 267 Dulles Toll /Access Road 68,000 c **Total Funds: 58,758**

Description: Provide Preliminary Engineering, R/W and construction funding support to I-495 HOT Lane project between Springfield Interchange and Dulles Toll/Access Road, a distance of 12 miles. 

I-495, Capital Beltway Interchange Improvements (Phase VIII)

TIP ID: **4783** Agency ID: **14682** Title: **I 495/195 - Interchange Improvements** Complete: **2012**


Facility: I 495 Capital Beltway HOV (peak) AC Conversion 80/20/0 29,835 c 5,089 c 5,089
 From: I 95/395/495 Springfield Interchange IM 90/10/0 19,395 c 19,395
 To: Phase VIII (formerly listed w/ S'field Interch.) **Total Funds: 24,484**

Description: Construct ramps connecting the existing I-95 / I-395 HOV lanes on Shirley Highway to proposed HOT lanes on the Capital Beltway.

**NORTHERN VIRGINIA
TRANSPORTATION IMPROVEMENT PROGRAM
CAPITAL COSTS (in \$1,000)**

FINAL DRAFT

		Source	Fed/St/Loc	Previous Funding	FY 11	FY 12	FY 13	FY 14	FY 15	FY 16	Source Total
I-66 and US 29 Interchange, Widen and Construct US 29 and VA 55											
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		91,370 c						91,370
From:	US 29 Virginia Oaks Drive Intersection	DEMO	100/0/0		214 c						214
To:	0.133 mile west of WB I-66	Earmark	80/20/0		26,465 c						26,465
		IM	90/10/0		11,267 c						11,267
Total Funds:											129,316


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.

I-66 Spot Improvements Inside the Beltway

TIP ID: 4128	Agency ID: 78826	Title: IDEA-66 SPOT Improvements Phase I								Complete: 2011	
Facility:	I 66	AC	0/100/0	5,271 c							
From:	Fairfax Drive on Ramp	AC Conversion	90/10/0		880 c	872 c					1,752
To:	Sycamore Street off Ramp Westbound	NHS	80/20/0	2,963 c	819 c						819
Total Funds:											2,571

Description: Construct Spot Improvement Phase I within cited limits. 

I-95 Provide 4th Lane Both Directions

TIP ID: 4533	Agency ID: 57017	Title: I-95 Provide 4th Lane Both Directions								Complete: 2011	
Facility:	I 95 (provide 4th lane)	AC Conversion	80/20/0	34,597 c	13,908 c	5,351 c					19,259
From:	VA 7100 Newington										
To:	VA 123 Occoquan Road										
Total Funds:											19,259

Description: Widen from six to eight lanes.

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NoVA's Smart Traffic Center (STC) Maintenance/Integration, HOV Monitoring, Travel Information												
TIP ID: 4813	Agency ID: 70649	Title: Interstate Intelligent Transportation (ITS) - HOV Monitoring								Complete: 2013		
Facility: Interstate ITS		NHS	80/20/0	2,000 a	1,000 a	1,000 a						2,000
From: District-wide											Total Funds:	2,000
To:												
Description: Implement Intelligent Transportation Systems (ITS) on NoVA's Interstate Highways.												

SB I-95 Ramp												
TIP ID: 5475	Agency ID: BRAC0005	Title: SB I-95 Ramp								Complete: 2010		
Facility: I 95 I-95 Ramp		Earmark	100/0/0	5,080 b	670 c						670	
From: I 95 SB I-95												
To: 7100 NB Fairfax County Parkway/EPG Southern Loop											Total Funds:	670
Description: The proposed construction would include adding a lane to the existing ramp from SB I-95 to NB Fairfax County Parkway. This additional lane would be barrier separated and would provide access to the EPG southern loop road. The proposed project will add an additional lane to the ramp from SB I-95 to NB Fairfax County Parkway. This additional lane will be barrier separated from the Parkway and will provide a dedicated lane for access to the EPG. This ramp is intended to be used only by Defense Department personnel employed at the EPG site. This project is being proposed as part of the nationwide BRAC activities, which calls for provision of 8,500 new Defense Department employees within the EPG site. The proposed roadway will improve traffic flow along the Fairfax County Parkway and provide for efficient access to the EPG site. The project is currently in Right-of-Way aquisition with construction anticipated to begin in late 2009 and be completed by November, 2010. Funding for the project is provided by the Department of Defense's Defense Access Roadway Program.												

WWB/I-95 Study, Construct, Rehabilitation												
TIP ID: 3941	Agency ID: 17071	Title: Rte 95 - Securing of Consultant								Complete: 2012		
Facility: I 95		AC Conversion,	80/20/0	7,038 a							7,038	
From: Woodrow Wilson Bridge		NHS	80/20/0	12,712 a								
To:											Total Funds:	7,038
Description: Rte 95 - Securing of Consultant for management, coordination, scheduling, administration and community relations.												

TIP ID: 4217	Agency ID: 64619	Title: I-95 - Wetland Mitigation at Cameron Run for WWB								Complete: 2013		
Facility: I 95		AC Conversion	80/20/0	104 c	28 c						28	
From: Telegraph Road											Total Funds:	28
To:												
Description: I-95 - Wetland Mitigation at Cameron Run WWB												

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TIP ID: 4036		Agency ID: 64634		Title: I-95 - Congestion Mgt System Incident Management for WWB							Complete: 2012	
Facility: I 95		AC Conversion	80/20/0	283 c	71 c						71	
From: Telegraph Road Interchange		NHS	80/20/0	2,200 c								
To:												
										Total Funds:	71	

Description: I-95 - Congestion Mgt System Incident Management for WWB

Primary 9

Chain Bridge Road/Eaton Place Intersection Improvements

TIP ID: 5473		Agency ID: CIFX0001		Title: Chain Bridge Road/Eaton Place Intersection Improvements							Complete: 2011	
Facility: 123 Chain Bridge Road		Local	0/0/100	200 a	400 b						1,800	
From: 123 Chain Bridge Road/Eaton Place Intersection					1,400 c							
To: 123 Chain Bridge Road/Eaton Place Intersection												
										Total Funds:	1,800	

Description: Providing a direct access from Willow Crescent Drive to north bound Chain Bridge Road, replace traffic signals, and provide pedestrian crosswalks with pedestrian signals. 

US 1 Construct 6 Lane Divided Roadway

TIP ID: 5390		Agency ID: PWC0010		Title: US Route 1 Construct 6 Lane Divided Roadway							Complete: 2012	
Facility: US 1		BD	0/0/100	70,715 b	11,800 c						11,800	
From: VA 619 Joplin Road												
To: VA 1109 Bradys Hill Road												
										Total Funds:	11,800	

Description: US Route 1 Construct 6 Lane Divided Roadway within cited limits. 


US 1 Construct 6-Lane Divided Roadway


TIP ID: 5389		Agency ID: PWC0009		Title: US Route 1							Complete: 2017	
Facility: US 1		BD	0/0/100	2,000 a	4,403 b						4,403	
From: VA 1109 Brady's Hill Road												
To: VA 638 Neabsco Mills Road												
										Total Funds:	4,403	


Description: US Route 1 Construct 6-Lane Divided Roadway within cited limits 

**NORTHERN VIRGINIA
TRANSPORTATION IMPROVEMENT PROGRAM
CAPITAL COSTS (in \$1,000)**

FINAL DRAFT

Source	Fed/St/Loc	Previous Funding	FY 11	FY 12	FY 13	FY 14	FY 15	FY 16	Source Total	
US 1/ VA 123 Interchange, Widen										
TIP ID: 4051 Agency ID: 14693		Title: US 1/Rte 123 - Construct Interchange						Complete: 2020		
Facility: US 1 (part of 1/123 interchange)	AC Conversion	80/20/0	4,974 b	6,298 b					11,272	
From: Annapolis Way									Total Funds: 11,272	
To: Occoquan Rd										
Description: Construct interchange at intersection of US 1 and VA 123 including: constructing bridge over CSX railroad to provide new access point to Belmont Bay, widening US 1 to 6 lanes from Occoquan Road to Occoquan River, and widening VA 123 to 6 lanes from Horner Road 										


US 15 South King Street Widening										
TIP ID: 4145 Agency ID: 17687		Title: Rte 15 - South King Street - 4 Lane						Complete: 2014		
Facility: US 15 South King Street	AC	100/0/0	4,689 c							
From: Evergreen Mill Road	AC Conversion	80/20/0		179 c	216 c				395	
To: SCL of Leesburg	EB/MG	80/20/0	1,083 b							
			1,085 c							
	RSTP	80/0/20	500 c							
	STP	80/20/0	821 c							
									Total Funds: 395	
Description: Widen to four lanes. 										

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					5,785	
From: VA 123 Chain Bridge Rd	DEMO	80/20/0		3,104 c					3,104	
To: Eaton Place	Earmark	80/20/0		2,600 c					2,600	
	EB/MG	80/20/0		2,844 c					2,844	
	STP	80/20/0		84 b					84	
									Total Funds: 14,417	
Description: Widen the existing roadway to six lanes. 										

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		Source	Fed/St/Loc	Previous Funding	FY 11	FY 12	FY 13	FY 14	FY15	FY 16	Source Total
US 29, Construct, Widen											
TIP ID: 4354	Agency ID: 11395	Title: US 29 (Lee Highway) - Widening to 5 & 6								Complete: 2014	
Facility:	US 29 Lee Highway	AC	80/20/0		1,918 c						1,918
From:	.0009 West of Merrilee Drive	AC Conversion	80/20/0			1,919 c					1,919
To:	I 495 Capital Beltway	BD	0/0/100		11,448 c	1,436 c					12,884
		EB/MG	0/100/0		11,930 c						11,930
		STP	0/100/0		1,599 c						1,599
Total Funds:											30,250


Description: Widen US 29 to 6 lanes between Nutley Street and 495, and study the feasibility of constructing an interchange at US 29 and Gallows Road. 

Break into three segments:

- ECL City of Fairfax (vic. Nutley St.) to Espana Court,
- Espana Court to Merrilee Drive, and
- Merrilee Drive to I-495.

VP7AA
VP7AB

US 50, Widen											
TIP ID: 4637	Agency ID: 68757	Title: US 50 - 6-Lane Widening								Complete: 2013	
Facility:	US 50	AC Conversion	80/20/0	269 a	1,865 a	772 b					7,344
From:	VA 742 Poland Road				142 b						
To:	VA 28				4,565 c						
		BD	0/100/0	34,779 c							
Total Funds:											7,344

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

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TRANSPORTATION IMPROVEMENT PROGRAM
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		Source	Fed/St/Loc	Previous Funding	FY 11	FY 12	FY 13	FY 14	FY 15	FY 16	Source Total
VA 27, Reconstruct Interchange at VA 244											
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					11,359
						5,493 b					
		EB/MG	80/20/0	5,156 c							
											Total Funds: 11,359

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											
TIP ID: 4922	Agency ID: 79948	Title: Widen Rte 7 to 6 Lanes								Complete: 2018	
Facility:	VA 7 Leesburg Pike	AC	80/20/0		1,367 a						1,367
From:	VA 694 Lewinsville Road 0.1 Miles West	BD	0/0/100		346 a						346
To:	West approach bridge over DTR	DEMO	100/0/0		992 a						992
											Total Funds: 2,705

Description: Widen the existing 4-lane roadway to 6 lanes within the cited limits.



VA 7, Widen											
TIP ID: 4514	Agency ID: 16006	Title: Rte 7 - Widening								Complete: 2035	
Facility:	VA 7 Bypass	AC	80/20/0		12,270 b						12,270
From:	VA 15 South King Street West	DEMO	80/20/0		143 b						143
To:	VA/US 7/15 Interchange (East Market Street) East										
											Total Funds: 12,413

Description: Widen Leesburg Bypass from 4-lane divided to 6-lane divided and upgrade to a freeway. Construct overpass at Sycolin Road



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

FINAL DRAFT

Source	Fed/St/Loc	Previous Funding	FY 11	FY 12	FY 13	FY 14	FY 15	FY 16	Source Total
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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: **2020**

Facility: 15 Rt 15 Bypass Local 0/0/100 2,000 a 2,000 a 2,000 a 2,000 a 1,500 a 7,500

From: **Total Funds: 7,500**

To: 773 Edwards Ferry Road

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.


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 2,500 b 2,500

From: VA 641 Old Bridge Road **Total Funds: 2,500**

To: VA 640 Minnieville Road

Description: Prince William Parkway Construct 6-Lane Divided Roadway within cited limits. 

Rte 692 Drainage Improvements

TIP ID: **5236** Agency ID: **57416** Title: **Rte 692 - Drainage Improvements** Complete: **2013**

Facility: Lucasville Road AC 80/20/0 420 c 420

From: VA 2559 Hidden Spring Drive AC Conversion 80/20/0 249 c 249

To: 0.23 mile south Hidden Spring Drive STP 80/20/0 618 a 1,989 c 1,989

166 b

Total Funds: 2,658

Description: Correct flooding situation caused by inadequate pipe culvert.

Comp date needs to be moved out to 2012

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Source	Fed/St/Loc	Previous Funding	FY 11	FY 12	FY 13	FY 14	FY 15	FY 16	Source Total	
Rte 7100 - Fairfax County Parkway - Construct 6 lanes										
TIP ID: 5726	Agency ID: 95718	Title: GEC Oversight -Fairfax Ctny Parkway Extension						Complete:		

Facility:	AC	80/20/0	2,122 a						
From:	NHS	80/20/0	600 a	800 a	800 a				1,600
To:									Total Funds: 1,600

Description: Provide funding to GEC to conduct oversight of the Fairfax County Parkway Extension Project



VA 1036 Pacific Boulevard, Construct

TIP ID: 5721	Agency ID: 93144	Title: 4 lane Construction on new alignment						Complete:		
Facility:	1036 Pacific Blvd	AC	80/20/0	1,190 a	10,340 b				19,759	
From:	VA 775 Relocation Dr.				9,419 c					
To:	Dresden St.	STP	80/20/0	304 a	521 a	524 a			1,045	
									Total Funds: 20,804	

Description: Funds to construct 4 lanes of Pacific Boulevard on new segment. (See limits below)



VA 611 Telegraph Road Widening

TIP ID: 3947	Agency ID: 11012	Title: VA 611 Widen Telegraph Road to 4 Lanes						Complete: 2012		
Facility:	VA 611 Telegraph Road	AC Conversion	80/20/0		173 a	406 a			579	
From:	VA 613 Beulah St.	EB/MG	80/20/0	731 c	1,380 b	2,141 b			3,521	
To:	VA 635 Hayfield Road								Total Funds: 4,100	

Description: Widen existing 2 lane roadway to a 4 lane divided roadway on 6 lane right of way.



Beulah to Leaf (2011)
Leaf to Hayfield (2020)

VA 621 - Widen to 4 Lanes

TIP ID: 5098	Agency ID: 80347 VSP3a VSP3	Title: Rte 621 - Widen to 4 Lanes						Complete: 2016		
Facility:	VA 621 Balls Ford Road	AC	100/0/0			9,240 c			9,240	
From:	VA 621 DEVLIN ROAD 1950' SOUTH OF RTE 674- W	EB/MG	80/20/0			2,426 c			2,426	
To:	VA 234 Business (SUDLEY ROAD)	RSTP	80/0/20	7,289 b		2,162 c			2,162	
									Total Funds: 17,345	

Description: Widen Rt 621/Balls Ford Rd to 4 lanes from Rt 234 Business to 234 Bypass and then to Devlin Rd. Includes Rt 234 Bypass/621 interchange covered in 234 Bypass EIS and relocates 621 from interchange to Devlin Rd. Includes an interim tie-in from Doane Rd to existing Balls Ford Rd and Rte. 234 BP intx for RW/CN phases. Pavement and R/W varies along the project length.




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


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VA 638 Pohick Road/Rolling Road Widening

TIP ID: 4282	Agency ID: 16506	Title: Rte 638 - Widen to 4 lanes						Complete: 2017
Facility: VA 638 Rolling Road	AC	100/0/0	2,051 a		3,139 b			3,139
From: VA 5497 Delong Dr.								Total Funds: 3,139
To: VA 4502 Fullerton Rd								
Description: Widen Rolling Road from existing 2 lanes to 4 lanes.								


VA 638 Rolling Road Widening

TIP ID: 4529	Agency ID: 5559	Title: VA 638 Widen Rolling Road to 4 Lanes						Complete: 2020
Facility: VA 638 Rolling Road	AC	100/0/0	423 b		9,879 c			9,879
From: VA 7100 Fairfax County Parkway								Total Funds: 9,879
To: VA 644 Old Keene Mill Road								
Description: Widen Rolling Road from existing 2 lanes to a 4 lane divided facility.								

VA 659 Belmont Ridge Road, Reconstruct

TIP ID: 5257	Agency ID: 76243	Title: Reconstruct Belmont Ridge Road						Complete: 2020
Facility: VA 659 Belmont Ridge Road	AC	0/100/0	8,688 c					
From: Gloucester Parkway	AC Conversion	80/20/0		1,117 c	1,239 c			2,356
To: VA 7 Harry Byrd Highway	EB/MG	80/20/0	1,225 c					
	STP	80/20/0	2,564 c					
Total Funds: 2,356								
Description: Reconstruct VA 659, Belmont Ridge Road to four lanes on six lanes of right-of-way.								

VA 840 University Boulevard Construct and Widen

TIP ID: 4877	Agency ID: 94194	Title: University Blvd.						Complete: 2014
Facility: VA 840 University Blvd.	RSTP	80/20/0	1,140 a	9,350 b				9,350
From: VA 1566 Sudley Manor Dr.								Total Funds: 9,350
To: VA 3000 Prince William Parkway								
Description: Construct 4-lane divided road between Sudley Manor and Hornbaker, reconstruct intersection at Prine William Parkway without adding through lanes/capacity								

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

FINAL DRAFT

Source	Fed/St/Loc	Previous Funding	FY 11	FY 12	FY 13	FY 14	FY 15	FY 16	Source Total
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Urban 2

Eisenhower Valley Access and Circulation Improvements

TIP ID: **4712** Agency ID: **77378** Title: **Eisenhower Avenue Widening** Complete: **2011**

Facility: Eisenhower Avenue	AC	100/0/0	5,130	b					
From: Stovall Street			18,590	c					
To: Holland Lane	AC Conversion	80/20/0	640	b	631	b	749		1,380
Total Funds:									1,380

Description: Widen Eisenhower Avenue, within the cited limits, to six lanes.
Widen to four lanes from Holland to Telegraph. Segments of this project will be delayed until 2011 without NVTA funding.



Bridge 6

Construction: Bridge Rehabilitation/Replacement/Reconstruction

TIP ID: **5503** Agency ID: **TIPGRP001** Title: **Construction: Bridge Rehabilitation/Replacement/Reconstruction** Complete:

Facility: District-wide Bridges	AC	80/20/0	769	b					
From:	AC Conversion	80/20/0	177	c	174	c	211		385
To:	BR	80/20/0	173	a			701		10,568
			427	b			100		
							9,767		
	EB/MG	80/20/0	1,461	b					
			1,152	c					
	State	0/100/0	1,927	b			3,102		3,102
	STP	80/20/0	198	b	450	b	816		1,266
			46	c					
Total Funds:									15,321

Description: TIP Grouping project for Construction: Bridge Rehabilitation/Replacement/Reconstruction. See Appendix A for specific projects and UPC information.

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	105,448	c	61,630	c	63,521		125,151
From: NoVA District									
To:									
Total Funds:									125,151

Description: TIP Grouping for Preventive Maintenance for Bridges. See Appendix A for specific projects and UPC information.

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

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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	AC	80/20/0				321 c					321
From: NoVA District	ARRA	100/0/0		30 a							
To:				785 b							
				1,235 c							
	CMAQ	80/20/0				106 c					106
	Earmark	80/20/0		85 c	613 c						613
	STP	80/20/0			27 c						27
	STP/E	80/20/0		43,972 c	22,668 c	23,058 c					45,726
										Total Funds:	46,793

Description: TIP Grouping project for Construction: Transportation Enhancement Byway Non-Traditional. See Appendix A for specific projects and UPC information.

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:	NHS	80/20/0		65,266 c	33,946 c	35,304 c					69,250
	STP	80/20/0		5,938 c	6,238 c	6,487 c					12,725
										Total Funds:	81,975

Description: TIP Grouping project for Maintenance: Traffic and Safety Operations. See Appendix A for specific projects and UPC information.

Other											13
BRAC/Economic Development											
TIP ID: 5768	Agency ID: 81738	Title: BRAC -Economic Development								Complete:	
Facility:	AC Conversion	80/20/0		1,880 a		737 a					737
From:	IM	90/10/0					536 a				536
To:	NHS	80/20/0				163 a					163
										Total Funds:	1,436

Description: Program is to finance BRAC State Administration.



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TIP Grouping project for Construction: Safety/ITS/Operational Improvements											
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	829 a		6,784 c					6,784
From: Districtwide				6,159 b							
To:				7,271 c							
		AC Conversion	80/20/0	8,406 a	18,917 a	2,170 a					21,970
				18 b	180 b	22 b					
				18,355 c	681 c						
		AC Conversion,	100/0/0	500 a	20 a	61 b					390
				59 b	60 b	249 c					
				504 c							
		AC Conversion.	90/10/0	19,934 a	2,401 a						2,401
				2,500 c							
		ARRA	100/0/0	204 a							
				1,200 b							
				107,092 c							
		CMAQ	80/20/0	1,813 b	953 c						953
				5,624 c							
		EB/MG	80/20/0	48 b							
				6,184 c							
		HES/STP	80/20/0	89 b							
				1,224 c							
		HSIP	80/20/0	7,508 c							
		IM	90/10/0	1,250 c	625 c	625 c					1,250
		RSTP	80/20/0	211 a							
				50 b							
				7,881 c							
		STP	80/20/0	1,320 a	2,489 b						2,489
				1,320 b							
				11,457 c							
Total Funds:											36,237

Description: TIP Grouping project for Construction: Safety/ITS/Operational Improvements. See Appendix A for specific projects and UPC information.

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	Source	Fed/St/Loc	Previous Funding	FY 11	FY 12	FY 13	FY 14	FY15	FY 16	Source Total
Maintenance										
TIP Grouping project for Preventive Maintenance and System Preservation										
TIP ID: 5524	Agency ID: TIPGRP005	Title: TIP Grouping project for Preventive Maintenance and System Preservation							Complete:	
Facility: Preventive Maintenance and System Preservation facili	ARRA	100/0/0	600 c							
From: NoVA District	IM	90/10/0	81,291 c	24,101 c	25,886 c					49,987
To: NHS		80/20/0	53,052 c	30,545 c	31,381 c					61,926
	STP	80/20/0	78,582 c	47,531 c	48,871 c					96,402
										Total Funds: 208,315

Description: TIP Grouping project for Preventive Maintenance and System Preservation. See Appendix A for specific projects and UPC information.

Transit										1
Arkendale to Powell's Creek Third Track Project										
TIP ID: 5733	Agency ID: DRPT006	Title: Arkendale to Powell's Creek Third Track Project							Complete: 2013	
Facility: Third Track	ARRA/Rail	100/0/0		18,710 c	56,130 c					74,840
From: CFP 72 Arkendale, Stafford County										Total Funds: 74,840
To: CFP 83.4 Powell's Creek, Prince William County										
Description: Construct 11.4 miles of 3rd track from milepost CFP 72 Arkendale to CFP 83.4 Powell's Creek to support expanded intercity passenger rail service while preserving freight railroad capacity and operations.										

Bus Maintenance/Administrative Facility Rehab										
TIP ID: 5834	Agency ID:	Title: Bus Maintenance/Administrative Facility Rehab							Complete:	
Facility: Woodbridge, Virginia	STP	80/11/9		450 c						450
From:										Total Funds: 450
To:										
Description: Project is a rehab of existing 16 year Old Bus maintenance facility and includes work such as bus storage concrete pads, yard gates and provision of emergency exit.										

City-Wide Transit Improvements										
TIP ID: 4527	Agency ID: ALEX0003	Title: City-Wide Transit Improvements							Complete: 2014	
Facility: Transit Improvements	Section 5309	80/0/20	150 a	400 c						400
From: City of Alexandria			1,936 c							
To:										Total Funds: 400
Description: The City of Alexandria is in the process of providing a wide range of transit improvements. The two projects funded by this CLRP entry will fund a variety of activities.										

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Columbia Pike Street Cars

TIP ID: 5409	Agency ID: ARL0016	Title: Reconstruct Columbia Pike for Street Cars	Complete: 2016						
Facility: Columbia Pike Corridor	Local	0/0/100	1,500 a	1,200 a	2,000 a	4,000 a	6,000 a		13,200
From: Fairfax County Line	State	0/100/0	1,200 a						
To: Pentagon City									
Total Funds:									13,200

Description: Joint project between Arlington and Fairfax County to provide a 4.7 mile street car transit corridor.

Crystal City Streetcar

TIP ID: 5699	Agency ID: ARL0017	Title: Crystal City Streetcar	Complete: 2012						
Facility: US 1 Jefferson Davis Highway and Crystal Drive	Local	0/0/100	1,000 a	1,000 a					1,000
From: Alexandria corporate limit (Four Mile Run)									
To: Pentagon City									
Total Funds:									1,000

Description: Conduct a Planning study for a streetcar from Pentagon City through Crystal City and Potomac Yards.



Dulles Corridor Metrorail Project

TIP ID: 4364	Agency ID: DUL0001 VP2L	Title: Dulles Corridor Metrorail Project - Phase 1	Complete: 2014						
Facility: ARRA/5309-NS	100/0/0							15,517 c	15,517
From: East Falls Church Metrorail Station	Local	0/0/100	293,565 c	582,332 c	344,201 c	143,030 c			1,069,563
To: Wiehle Avenue	Section 5309-NS	100/0/0	327,223 c	96,000 c	96,000 c	96,000 c	96,000 c	96,000 c	480,000
	State	0/100/0	176,700 c						
	STP	100/0/0	65,059 c	21,282 c	6,500 c				27,782
	TD	0/100/0	185,000 c		55,866 c				55,866
Total Funds:									1,648,728


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.



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		Source	Fed/St/Loc	Previous Funding	FY 11	FY 12	FY 13	FY 14	FY 15	FY 16	Source Total
TIP ID: 4272	Agency ID: DUL0002	Title: Dulles Corridor Metrorail Project - Phase 2								Complete: 2016	
Facility:		Local	0/0/100	41,092 c	67,538 c	377,340 c	628,900 c	857,222 c	950,000 c	524,608 c	3,405,608
From: Wiehle Avenue		State	0/100/0	23,300 c							
To: VA 772		TD	0/0/100		27,462 c	78,660 c	131,100 c	92,778 c			330,000
Total Funds: 3,735,608											

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. 

Engineering Proving Grounds/Saratoga Park-and-Ride Facility

TIP ID: 5104	Agency ID: 82831	Title: Engineering Proving Grounds/Saratoga Park-and-Ride Facility								Complete: 2015	
Facility: VA 7900		CMAQ	80/20/0		300 a						300
From: within footprint of Fairfax County Parkway Interchange											Total Funds: 300
To: at Fort Belvoir EPG											

Description: Construct park and ride facility at Fort Belvoir EPG. 

PRTC - Bus Acquisition / Replacement Program

TIP ID: 4506	Agency ID: PRTC0005	Title: PRTC - Bus Acquisition / Replacement Program								Complete: 2030	
Facility: PRTC - Bus Acquisition		CMAQ	80/20/0		1,000 c						1,000
From: NOVA Districtwide		Section 5309	80/20/0	3,067 c	1,853 c	1,908 c	1,965 c	2,024 c	2,085 c		9,835
To:		Section 5309-B	80/20/0	667 c							
Total Funds: 10,835											

Description: Enhancement and / or replacement of existing buses within the PRTC fleet.

PRTC - Captial Cost of Contracting

TIP ID: 5601	Agency ID: PRTC0004	Title: PRT								Complete: 2030	
Facility:		Section 5307	80/20/0	6,502 c	3,604 c	3,712 c	3,823 c	3,983 c	4,057 c	415 c	19,594
From:											Total Funds: 19,594
To:											

Description: Maintenance of the Omniride and Omnmlink services.

**NORTHERN VIRGINIA
TRANSPORTATION IMPROVEMENT PROGRAM
CAPITAL COSTS (in \$1,000)**

FINAL DRAFT

Source	Fed/St/Loc	Previous Funding	FY 11	FY 12	FY 13	FY 14	FY 15	FY 16	Source Total
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PRTC - Rehabilitate / Rebuild OmniRide Buses

TIP ID: 5540	Agency ID: PRTC0003	Title: PRTC - Rehabilitate / Rebuild OmniRide Buses							Complete: 2015
Facility: OmniRide Buses	Section 5309-B	80/20/0	4,299 c	1,000 c					1,000
From: Prince William County	STP	80/20/0		227 c					227
To:									
Total Funds:									1,227

Description: Overhaul MCI buses in order to lengthen the bus useful life and rebuild several poer trains/bus engines.

PRTC Bus Shelter Programs

TIP ID: 5304	Agency ID: PRTC0001	Title: PRTC Bus Shelter Program							Complete: 2030
Facility: Bus Shelters	Section 5307	80/20/0	67 a	37 a	39 a	40 a	41 a	42 a	199
From: Prince William, Manassas, Manassas Park									Total Funds: 199
To:									

Description: Installation of bus shelters, pads, benches and access improvements.



PRTC Security Enhancements

TIP ID: 5707	Agency ID: PRTC0006	Title: PRTC Security Enhancements							Complete: 2040
Facility: PRTC Transit Center	Section 5307	80/10/10		37 c	38 c	39 c	40 c	41 c	195
From:	Section 5307,	80/0/20	67 c						
To:	Section 5307.	80/20/0						42 c	42
	STP	80/20/0		250 c					250
Total Funds:									487

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.

PRTC Western Facility

TIP ID: 5061	Agency ID: PRTC0002; 85382	Title: PRTC Western Facility							Complete: 2015
Facility: CMAQ		80/20/0	1,000 b	1,250 c					1,250
From: Western Prince William County									Total Funds: 1,250
To:									

Description: Design and construct new PRTC bus maintenance facility and bus storage yard in Western Prince William County.



Fund ROW aquisition.

**NORTHERN VIRGINIA
TRANSPORTATION IMPROVEMENT PROGRAM
CAPITAL COSTS (in \$1,000)**

FINAL DRAFT

		Source	Fed/St/Loc	Previous Funding	FY 11	FY 12	FY 13	FY 14	FY15	FY 16	Source Total
RTE 234 - CONSTRUCT 400-450 SPACE COMMUTER PARK & RIDE LOT											
TIP ID: 4039	Agency ID: 72803	Title: Rte 234 Construct Park-and-Ride Lot (400 Spaces)									Complete: 2012
Facility: VA 234		AC	80/20/0		2,200 c						2,200
From: Vicinity of I-66		CMAQ	80/20/0	2,427 b	2,351 c						2,351
To: Cushing Rd & (PWC Parkway) Interchange		EB/MG	80/20/0		53 c						53
		RSTP	80/20/0		175 c						175
											Total Funds: 4,779

Description: Construct a 400 space commuter (park-&-ride) lot in the Route 234 Bypass (PWC Parkway) corridor to serve the VDOT planned and funded I-66 High Occupancy Vehicle (HOV) improvements.

TIP Grouping project for Construction: Rail

TIP ID: 5505	Agency ID: TIPGRP002	Title: TIP Grouping project for Construction: Rail									Complete:
Facility: Rail		STP	80/20/0	9,647 c	5,237 c	5,344 c					10,581
From: Districtwide											
To:											
											Total Funds: 10,581

Description: TIP Grouping project for Construction: Rail. See Appendix A for specific projects and UPC information.

VRE - Administration / Studies / Training

TIP ID: 4802	Agency ID: VRE0002	Title: Fare Collection System/Comm. Improvements									Complete: 2030
Facility:		Section 5307	80/20/0	679 c	123 c	123 c	123 c	123 c	123 c	123 c	738
From: Systemwide		Section 5309	80/20/0	550 c	400 c	400 c	400 c	400 c	400 c	400 c	2,400
To:											
											Total Funds: 3,138

Description: Ongoing maintenance of the fare collection equipment and the next generation of fare equipment. Fare Collection III

TIP ID: 4277	Agency ID: VRE0003	Title: Security Enhancements Systemwide									Complete: 2030
Facility:		Section 5307	80/20/0	200 c	100 c	100 c	100 c	100 c	100 c	100 c	600
From: Systemwide											
To:											
											Total Funds: 600

Description: Grantees must certify that at least 1% of 5307 funding received each fiscal year is being used for transit security projects

**NORTHERN VIRGINIA
TRANSPORTATION IMPROVEMENT PROGRAM
CAPITAL COSTS (in \$1,000)**

FINAL DRAFT

		Source	Fed/St/Loc	Previous Funding	FY 11	FY 12	FY 13	FY 14	FY 15	FY 16	Source Total
TIP ID: 4489	Agency ID: VRE0008	Title: Grant and Project Management								Complete: 2030	
Facility:	System Wide	Section 5307	80/20/0	425 a	400 a	425 a	450 a	475 a	500 a	525 a	2,775
From:	Northern Virginia	Section 5309	80/20/0	505 a	319 a	330 a	353 a	365 a	373 a	380 a	2,120
To:											Total Funds: 4,895

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

TIP ID: 4818	Agency ID: VRE0001	Title: Rolling Stock Modifications and Overhauls								Complete: 2030	
Facility:		Section 5307	80/20/0	244 c		500 c	500 c	500 c	500 c	500 c	2,500
From:	Systemwide	Section 5309	80/20/0			519 c	1,038 c	519 c	519 c	519 c	3,114
To:											Total Funds: 5,614

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.

TIP ID: 4534	Agency ID: VRE0009	Title: Rolling Stock Acquisition								Complete: 2040	
Facility:	VRE Rolling Stock	Earmark	80/20/0	11,088 c							
From:	Systemwide	Section 5307	80/20/0	13,559 c	6,810 c	5,475 c	4,286 c	2,050 c	2,050 c	2,050 c	22,721
To:		Section 5309	80/20/0		3,750 c						3,750
		Section 5309-FG	80/20/0	12,174 c	7,908 c	5,813 c	6,375 c	6,382 c	3,682 c	3,682 c	33,842
											Total Funds: 60,313

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 12 locomotives and will be adding additional as funding becomes available. This project includes funding for debt service of the rolling stock, spec development and construction oversight.

VRE - Stations and Facilities

TIP ID: 4310	Agency ID: VRE0011	Title: VRE Stations and Facilities								Complete: 2030	
Facility:	VRE Stations and Facilities	Section 5307	80/20/0	538 c	90 c	335 c	335 c	360 c	360 c	360 c	1,840
From:	Districtwide	Section 5309	80/20/0	550 c		450 c	500 c	450 c	400 c	400 c	2,200
To:											Total Funds: 4,040

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.



**NORTHERN VIRGINIA
TRANSPORTATION IMPROVEMENT PROGRAM
CAPITAL COSTS (in \$1,000)**

FINAL DRAFT

Source	Fed/St/Loc	Previous Funding	FY 11	FY 12	FY 13	FY 14	FY 15	FY 16	Source Total
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VRE - Tracks and Storage Yards

TIP ID: 4070	Agency ID: VRE0007	Title: Storage Yards Improvements	Complete: 2030						
Facility:	Section 5307	80/20/0	473 c	857 c	1,916 c	3,173 c	5,345 c	5,397 c	16,688
From: Systemwide	Section 5309	80/20/0	1,318 c	943 c	1,417 c	819 c	2,869 c	2,849 c	8,897
To:									Total Funds: 25,585

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.

VRE Broad Run Parking Garage

TIP ID: 5716	Agency ID: VRE0014 T8523	Title: Parking Garage - PE	Complete: 2014						
Facility: VRE - Broad Run Station Parking Garage	CMAQ	80/20/0	2,420 a	1,000 a					1,000
From:									Total Funds: 1,000
To:									

Description: Project will add a three or four story structure at Broad Run VRE Station with a net gain of 985 spaces for a total of 1,870 spaces.



VRE Contract Operations and Maintenance of Trains

TIP ID: 5539	Agency ID: VRE0013	Title: VRE Capital Cost of Contracting	Complete: 2012						
Facility: VRE Trains	Section 5307	80/20/0		1,000 c					1,000
From: NoVA and District of Columbia	Section 5309	80/20/0	3,856 c						
To:									Total Funds: 1,000

Description: VRE contracts for the operation and maintenance of the trains with AMTRAK. Under Capital Cost of Contracting, a percentage of the contract cost is eligible for use of Federal Section 5307 and 5309 Transit funds.

VRE Lorton Station Platform Extension

TIP ID: 5717	Agency ID: VRE0015 T8522	Title: TIP Amend to add PE & CN phases to Platform Ext.	Complete: 2014						
Facility: VRE - Lorton Station Platform Extension	CMAQ	80/20/0	100 a	1,000 a					2,500
From:			150 c	1,500 c					
To:									Total Funds: 2,500

Description: Project includes design and construction to lengthen the existing platform from 400 feet to 650 feet and the extend the canopy as well.

**NORTHERN VIRGINIA
TRANSPORTATION IMPROVEMENT PROGRAM
CAPITAL COSTS (in \$1,000)**

FINAL DRAFT

	Source	Fed/St/Loc	Previous Funding	FY 11	FY 12	FY 13	FY 14	FY15	FY 16	Source Total	
VRE Track Lease Improvements											
TIP ID: 5489	Agency ID: VRE0012		Title: VRE Track Lease Improvements							Complete: 2030	
Facility: VRE Track	STP	80/20/0	18,737 c	9,690 c	12,600 c	13,104 c	13,628 c	14,174 c	14,740 c	77,936	
From: NoVA and District of Columbia										Total Funds: 77,936	
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.

Northern Virginia MPO

Construction : Bridge Rehabilitation/Replacement/Reconstruction

System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Interstate	82874	Fairfax County Proposed Repairs on Springfield Interchange Bridges and Wall FROM: SPRINGFIELD INTERCHANGE TO: VARIOUS LOCATIONS	0095	\$1,164,282
Primary	82131	Arlington County MAJOR BRIDGE REHABILITATION FROM: DECK REPLACEMENT, SUPERSTRUCTURE & SUBSTRUCTURE REPAIR TO: ON WASHINGTON BLVD	0027	\$11,362,651
Primary	77322	Fairfax County RTE 29 - BRIDGE REPLACEMENT OVER LITTLE ROCKY RUN FROM: 0.09 MILE WEST MILL ROAD TO: 0.14 MILE EAST NEWGATE BOULEVARD (0.2500 MI)	0029	\$12,728,044
Primary	18860	Arlington County RTE 120 - BRIDGE REPLACEMENT FROM: 0.232 KILOMETER SOUTH ROUTE 50 TO: 0.123 KILOMETER NORTH ROUTE 50 (0.2200 MI)	GLEBE ROAD (0120)	\$14,407,090
Primary	82132	Arlington County MAJOR BRIDGE REHABILITATION FROM: DECK REPLACEMENT; SUPERSTRUCTURE & SUBSTRUCTURE REPAIRS TO: ON DUKE STREET	0236	\$9,118,170
Secondary	82181	Arlington County BRIDGE REHABILITATION, WIDEN BRIDGE & RAISE PROFILE	0000	\$3,353,905
Secondary	76248	Fairfax County RTE 611 - BRIDGE REPLACEMENT OVER PIKE RUN FROM: BRIDGE REPLACEMENT TO: (0.08 MILE FROM ROUTE 1445) STRUCTURE # 6264 (0.2000 MI)	0611	\$2,958,742
Secondary	76251	Fairfax County RTE 671 - BRIDGE REPLACEMENT OVER DIFFICULT RUN FROM: BRIDGE REPLACEMENT TO: (0.05 MILE FROM ROUTE 669) STRUCTURE # 6073 (0.2000 MI)	0671	\$678,847
Secondary	82213	Fairfax County RT. 702 BEULAH RD. BRIDGE REHABILITATION OVER WOLF TRAP RUN. (0.5000 MI)	BEULAH ROAD (0702)	\$1,550,624
Secondary	82215	Fairfax County RT.658 COMPTON RD.BRIDGE REHAB. OVER LITTLE ROCKY RUN FROM: 0.12mi W INT Rte 8361 TO: 0.06mi E INT Rte 8617 (0.1100 MI)	COMPTON ROAD (0658)	\$1,389,251
Secondary	76247	Fairfax County RTE 676 - BRIDGE REPLACEMENT OVER ROCKY RUN FROM: BRIDGE REPLACEMENT TO: (0.15 MILE FROM ROUTE 738) STRUCTURE # 6137 (0.2000 MI)	TOWLSTON ROAD (0676)	\$1,353,608
Secondary	87728	Fairfax County Rte 3546 FROM: Suff Rating is 45.6 TO: ADT is 783 (0.1700 MI)	TWIN LAKES DRIVE (3546)	\$1,555,000
Secondary	84383	Fairfax County 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)	WALKER ROAD (0681)	\$1,800,000

Northern Virginia MPO**Construction : Bridge Rehabilitation/Replacement/Reconstruction**

System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Secondary	82214	Fairfax County RTE 657 WALNEY RD BRIDGE REHAB OVER FLATLICK BRANCH FROM: 0.42mi S INT Rte 6215 TO: 0.03mi N INT Rte 6755 (0.1000 MI)	WALNEY ROAD (0657)	\$1,425,909
Secondary	92704	Loudoun County ARRA DB Superstructure Replacement Loudoun FROM: 0 TO: 0 STIP Amd FFY10-10 to release \$151,800 PE Phase and release \$15,900 CN Phase in ARRA Funds FFY10.	0000	\$1,350,268
Secondary	5238	Loudoun County RTE 734 - REHABILITATION OF EXISTING BRIDGE FROM: 0.015 MILE SOUTH BEAVERDAM CREEK TO: 0.015 MILE NORTH BEAVERDAM CREEK	SNICKERSVILLE TN (0734)	\$3,238,098
Secondary	87028	Prince William County Delaney Road - Replace Bridge over Neabsco Creek Over Neabsco Creek	DELANEY ROAD (2025)	\$1,611,000
Urban	57067	Alexandria RTE 1 - BRIDGE REPLACEMENT BRIDGE OVER CSXT & PROPOSED MAIN STREET (0.4500 MI)	MONROE AVENUE (0001)	\$102,041
Urban	17689	Manassas RTE 28-OVERPASS NORFOLK SOUTHERN RR & INTCHG @ WELLINGTON RD FROM: 0.252 MILE WEST ROUTE 674 (WELLINGTON ROAD) TO: 0.251 MILE EAST ROUTE 674 (WELLINGTON ROAD) (0.5030 MI)	NOKESVILLE ROAD (0028)	\$39,347,071

Construction : Rail

System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Rail	T1858	Statewide RAIL SAFETY PROJECTS - STATEWIDE (STIP) Funding identified to be obligated statewide as projects are identified	STIP	\$20,242,615

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		\$1,733,201
Interstate	T284	Northern Virginia District-wide 511 Virginia - Travel Information		\$300,000
Interstate	52724	Northern Virginia District-wide COMMUTER CONNECTIONS & ENDZONE PARTNERS GUARANTEED RIDE HOME		\$1,067,000
Interstate	52726	Northern Virginia District-wide COMMUTER CONNECTIONS OPERATION CENTER		\$2,859,659

Northern Virginia MPO

Construction : Safety/ITS/Operational Improvements

System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Interstate	61247	Northern Virginia District-wide STC SYSTEM MAINTENANCE/INTEGRATION FROM: TASK 4 - TYING NEW ITS INSTALLATIONS TO THE SMART TRAFFIC TO: CENTER, SOFTWARE INVENTORY & REBUILD OF ATMS SOFTWARE.		\$12,000,000
Interstate	70638	Northern Virginia District-wide NOVA INTERSTATE DISTRICTWIDE GUARDRAIL VARIOUS ROUTES		\$400,000
Interstate	70651	Northern Virginia District-wide INTERSTATE PAVEMENT MARKERS DISTRICTWIDE VARIOUS ROUTES		\$1,669,380
Interstate	70652	Northern Virginia District-wide RUMBLE STRIPS INTERSTATE DISTRICTWIDE VARIOUS ROUTES		\$0
Interstate	70654	Northern Virginia District-wide NOVA INTERSTATE SIGNAL DISTRICTWIDE VARIOUS ROUTES		\$800,000
Interstate	70656	Northern Virginia District-wide NOVA INTERSTATE SIGNS DISTRICTWIDE VARIOUS ROUTES		\$800,000
Interstate	72835	Northern Virginia District-wide HOV LANE ENFORCEMENT DISTRICTWIDE		\$1,260,000
Interstate	77263	Northern Virginia District-wide INSTALLATION OF GLARE SCREEN ON BARRIERS FOR HOV LANES I-95/I-395 VARIOUS LOCATIONS		\$1,037,160
Interstate	82668	Northern Virginia District-wide PSTOC (SOFTWARE & HARDWARE) TRANSITION PLANNING		\$1,630,000
Interstate	84570	Northern Virginia District-wide NOVA PAVING OVERLAY OF I-95 & I-395 VARIOUS LOCATIONS	RTES 95 & 395	\$4,854,191
Interstate	87396	Northern Virginia District-wide Transportation Management Plan		\$56,427,109
Interstate	56996	Arlington County RTE 66 - IMPLEMENT IDEA - 66 STUDY RECOMMENDATIONS FROM: ROSSLYN TUNNEL TO: DULLES AIRPORT ACCESS ROAD (6.5000 MI)	0066	\$2,274,600
Interstate	81321	Fairfax County RTE 66 - IMPROVE HORIZONTAL ALIGNMENT FROM: NUTLEY STREET TO: ROUTE 243	0066	\$627,000
Interstate	84743	Fairfax County Pavement Rehabilitation	0066	\$5,000,000

Northern Virginia MPO

Construction : Safety/ITS/Operational Improvements

System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Interstate	96105	Fairfax County ARRA - I66 Pavement FROM: Rte 50 TO: I495 (5.6000 MI) STIP Amd FFY10-08 to add CN Phase and to obligate \$70,000,000 in ARRA Funds.	I-66 (0066)	\$70,000,000
Interstate	16629	Northern Virginia District-wide RTE 66 - TRAFFIC MANAGEMENT SYSTEM - FAIRFAX & ARLINGTON FROM: ROUTE 495 TO: DISTRICT OF COLUMBIA	0066	\$3,867,417
Interstate	16623	Prince William County RTE 66 - ROADWAY LIGHTING FROM: ROUTE 234 TO: FAIRFAX COUNTY LINE	0066	\$6,894,802
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	17814	Fairfax County RTE 95 - INTERCHANGE MODIFICATION - TDM & TRANSIT - PE ONLY AT ROUTE 395/495	SPRINGFIELD INT (0095)	\$4,556,000
Interstate	18004	Fairfax County RTE 95 - INTERCHANGE MODIFICATION - INCIDENT MANAGEMENT/TMS AT ROUTE 395/495	SPRINGFIELD INT (0095)	\$7,810,564
Interstate	18005	Fairfax County RTE 95 - INTERCHANGE MODIFICATION - LOCAL AREA NETWORK OPER AT ROUTE 395/495	SPRINGFIELD INT (0095)	\$1,297,000
Interstate	18516	Fairfax County ROUTE 95 - I-495 WB ROADWAY AND RAMP IMPROVEMENTS I-495 WESTBOUND ROADWAY AND RAMP IMPROVEMENTS FROM NB I-95 (0.8105 KM)	0095	\$868,680
Interstate	52403	Fairfax County RTE 95 - INFORMATION CENTER - PE ONLY FROM: AT ROUTE 395/495 TO: (SPRINGFIELD MALL)	0095	\$4,298,000
Interstate	55384	Fairfax County RTE 95 - INTERCHANGE MODIFICATION - PHASE 5 FROM: 0.0273 KILOMETER EAST HEMMING AVENUE TO: 0.6270 KILOMETER EAST BACKLICK ROAD (2.4220 KM)	0095	\$81,754,634
Interstate	56915	Fairfax County RTE 95 - HIGHWAY ADVISORY RADIO FROM: SPRINGFIELD TO: VAN DORN	0095	\$100,589
Interstate	56916	Fairfax County RTE 95 - BROADCAST ADVISORY REGARDING EMERGENCIES & TRAFFIC I95 SOUTH AT LORTON ROAD (0.5000 MI)	0095	\$99,107

Northern Virginia MPO

Construction : Safety/ITS/Operational Improvements

System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Interstate	77261	Fairfax County RTE 95 - EXTEND ACCEL/DECEL LANES FOR HOV RAMPS FROM: 3000 FEET SOUTH OF THE NEWINGTON FLYOVER OFF-RAMP TO: FLYOVER OFF-RAMP (0.5300 MI)	0095	\$1,365,000
Interstate	61259	Northern Virginia District-wide I-95 ADVANCED ITS AND HIGH MAST LIGHTING PROJECT FROM: 0.068 MILES S OF RTE 123(GORDON BLVD) TO: 0.154 MILES N OF RTE 7100(FAIRFAX CO.PKWY) (6.0000 MI)	0095	\$2,275,914
Interstate	73246	Northern Virginia District-wide RTE 95 - CONGESTION MANAGEMENT TDM & TRANSIT	0095	\$3,940,000
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	\$1,250,000
Interstate	77260	Prince William County 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)	0095	\$831,620
Interstate	16004	Arlington County RTE 395 - STUDY FOR SAFETY & TRAFFIC ON NB LANES - PE ONLY FROM: BOUNDARY DRIVE TO: WASHINGTON D.C. LINE	0395	\$1,037,533
Interstate	58433	Arlington County RTE I-395 - GUIDE SIGNS FROM: 0.5 MILE SOUTH ROUTE 27 TO: WCL DISTRICT OF COLUMBIA (2.0300 MI)	0395	\$1,160,793
Interstate	69132	Arlington County RTE 395 - INCIDENT MANAGEMENT FROM: 14TH STREET BRIDGE TO: ROUTE 1 (JEFFERSON DAVIS HIGHWAY)	0395	\$300,000
Interstate	77262	Arlington County RTE 395 - EXTEND ACCEL/DECEL LNS FOR HOV RAMPS & WIDENING FROM: 3000 FEET SOUTH OF THE PENTAGON OFF-RAMP TO: EADS STREET (0.5000 MI)	0395	\$250,000
Interstate	16628	Northern Virginia District-wide RTE 395 - TRAFFIC MANAGEMENT SYSTEM FROM: ROUTE 95/495 TO: DISTRICT OF COLUMBIA	0395	\$3,469,301
Interstate	76859	Northern Virginia District-wide RTE 395 - INSTALL SENSORS FOR MONITORING HOV TRAF CONDITIONS VARIOUS LOCATIONS I-395/ I-95 & I-66 HOV LANES	0395	\$480,000
Interstate	16625	Fairfax County RTE 495 - INTERIM ROADWAY LIGHTING - PE ONLY FROM: WOODROW WILSON MEMORIAL BRIDGE TO: AMERICAN LEGION MEMORIAL BRIDGE	0495	\$11,060,745
Miscellaneous	85755	Alexandria SHARED-USE PATH STUDY ONLY FROM: Telegraph Road TO: Mount Vernon Trail		\$420,527

Northern Virginia MPO

Construction : Safety/ITS/Operational Improvements

System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Miscellaneous	13555	Arlington County HIGHWAY SIGNALIZATION FROM: ARLINGTON COUNTYWIDE - TO: ON NH SYSTEM		\$3,038,000
Miscellaneous	70506	Arlington County BUS SHELTERS/SAFETY ENHANCEMENTS		\$800,000
Miscellaneous	79276	Arlington County GROUNDING OF SIGNAL SYSTEM VARIOUS LOCATION IN ARLINGTON COUNTY		\$1,000,000
Miscellaneous	84327	Arlington County Bus Information Technology Deployment - Columbia Pike FROM: Fairfax County Line TO: Washington Blvd (3.6100 MI)	COLUMBIA PIKE	\$500,000
Miscellaneous	59473	Fairfax County ADVERTISEMENT OF ANNUAL CONTRACTOR FROM: FOR BUS SHELTERS, BENCHES AND PADS AT VARIOUS LOCATIONS TO: IN FAIRFAX COUNTY		\$267,000
Miscellaneous	70595	Fairfax County PEDESTRIAN/BUS STOP/TRAILS IMPROVEMENTS FROM: Misc Bike, Ped, & Bus improvements in Ffx Co. TO: Misc Bike, Ped, & Bus improvements in Ffx Co.		\$1,200,000
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		\$8,756,000
Miscellaneous	51394	Northern Virginia District-wide SIGNAL OPTIMIZATION OF REGION-WIDE SIGNAL SYSTEM NOVA DISTRICTWIDE		\$2,636,744
Miscellaneous	70602	Northern Virginia District-wide CONGESTION RELIEF PROJ - EXTEND EXISTING DOUBLE LTL'S TYTRAN INTERSECTIONS		\$300,000
Miscellaneous	70625	Northern Virginia District-wide TRAFFIC SIGNAL OPTIMIZATION		\$1,163,000
Miscellaneous	70752	Northern Virginia District-wide VANPOOL INCENTIVES TERMS REGIONWIDE		\$914,000
Miscellaneous	76235	Northern Virginia District-wide NVTA - 2020 PLAN UPDATE		\$1,000,000

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Construction : Safety/ITS/Operational Improvements

System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Miscellaneous	85377	Falls Church City of Falls Church Pedestrian Master Plan City of Falls Church Pedestrian Master Plan	0000	\$200,000
Miscellaneous	94638	Loudoun County ARRA LED SIGNAL HEAD AND PED COUNTDOWN IN LOUDOUN CO. FROM: LOUDOUN COUNTY WIDE TO: LOUDOUN COUNTY WIDE STIP Amd FFY09-23 to add CN Phase and to obligate \$1,000,000 in ARRA Funds CN Phase FFY10.	0000	\$1,000,000
Miscellaneous	94640	Loudoun County ARRA INSTALLATION OF UPS ON MAJOR SIGNALS IN LOUDOUN CO. FROM: LOUDOUN COUNTY WIDE TO: LOUDOUN COUNTY WIDE STIP AMD FFY09-23 to add \$1,200,000 ARRA funds CN phase FFY10.	0000	\$1,200,000
Miscellaneous	81407	Northern Virginia District-wide DISTRICTWIDE GUARDRAIL - NOVA DISTRICT FY07 HSIP PROJECT	0000	\$0
Miscellaneous	81408	Northern Virginia District-wide DISTRICTWIDE ROADSIDE SAFETY - NOVA DISTRICT FY07 HSIP PROJECT	0000	\$0
Miscellaneous	81409	Northern Virginia District-wide DISTRICTWIDE ROADWAY LIGHTING - NOVA DISTRICT FY07 HSIP PROJECT	0000	\$0
Miscellaneous	81411	Northern Virginia District-wide DISTRICTWIDE RUMBLE STRIPS - NOVA DISTRICT FY07 HSIP PROJECT	0000	\$0
Miscellaneous	81412	Northern Virginia District-wide DISTRICTWIDE SHOULDER IMPROVEMENT - NOVA DISTRICT FY07 HSIP PROJECT	0000	\$0
Miscellaneous	81413	Northern Virginia District-wide DISTRICTWIDE TRAFFIC MARKINGS - NOVA DISTRICT FY07 HSIP PROJECT	0000	\$0
Miscellaneous	81414	Northern Virginia District-wide DISTRICTWIDE TRAFFIC SIGNALS AND ITS - NOVA DISTRICT FY07 HSIP PROJECT	0000	\$0
Miscellaneous	81415	Northern Virginia District-wide DISTRICTWIDE TRAFFIC SIGNS - NOVA DISTRICT FY07 HSIP PROJECT	0000	\$0
Miscellaneous	86659	Northern Virginia District-wide HSIP District-wide High Risk Rural Roads Northern Virginia	0000	\$0
Miscellaneous	86523	Loudoun County Install Guardrail	CHARLES TOWN PIKE (0009)	\$180,862

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Construction : Safety/ITS/Operational Improvements

System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Miscellaneous	85357	Fairfax County Bicycle Racks, Lockers and Associated amenities	0029	\$200,000
Miscellaneous	86517	Prince William County Reconstruct Intersection (includes PE)	INTERSECTION AT ROUTE 1 TO ROUTE 234 (0234)	\$392,284
Miscellaneous	86516	Prince William County Install Proper Superelevation and Drainage	0643	\$81,000
Miscellaneous	70632	Fairfax County TRAILS PROJECTS AT VARIOUS LOCATIONS FROM: South Lakes Drive TO: Glade Drive (0.5000 MI)	SOAPSTONE DRIVE (4720)	\$1,600,000
Miscellaneous	86662	Arlington County HSIP Proactive Safety Projects County of Arlington	9999	\$0
Miscellaneous	86628	Fairfax County HSIP Proactive Safety Projects Fairfax County	9999	\$0
Miscellaneous	86688	Loudoun County HSIP Proactive Safety Projects County of Loudoun	COUNTY WIDE SAFETY IMPROVEMENTS (9999)	\$0
Miscellaneous	86627	Prince William County HSIP Proactive Safety Projects Prince William County FROM: Various Locations in Prince William County Safety Improvemen TO: Various Locations in Prince William County	9999	\$0
Miscellaneous	94591	Arlington County ARRA TSM and Communications Plant Upgrade - PH 1 FROM: County Wide TO: County Wide STIP ADJ FFY10-01 to move \$2,000 ARRA FFY09 funds to FFY10.	COUNTY WIDE (TSMO)	\$0
Primary	17845	Arlington County TRAFFIC SIGNAL SYSTEM STUDY - PE ONLY ARLINGTON COUNTYWIDE		\$400,000
Primary	58602	Arlington County TRAFFIC MONITOR CAMERA INSTALLATION FROM: INSTALL 25 TRAFFIC MONITORING CAMERAS FOR ENHANCED INCIDENT TO: MANAGEMENT AT VARIOUS LOCATIONS		\$700,000
Primary	52288	Fairfax County SIDEWALKS / TRAILS AT METRO FACILITIES SIDEWALKS / TRAILS AT METRO FACILITIES		\$0
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

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Construction : Safety/ITS/Operational Improvements

System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
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		\$200,000
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	50618	Northern Virginia District-wide M-77B VANPOOL INCENTIVES - CAPITAL COST OF CONTRACTING REGIONWIDE		\$9,896,000
Primary	63607	Northern Virginia District-wide M77-B VANPOOL INCENTIVES FUTURE OPERATING FUNDS, MARKETING AND ADMINISTRATIVE FUNDS		\$2,245,000
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		\$13,050,000
Primary	78210	Northern Virginia District-wide NORTHERN VIRGINIA TERMS FROM: FUNDING FOR TRANSPORTATION EMISSION REDUCTION MEASURES FOR TO: NORTHERN VIRGINIA REGION		\$19,553,130
Primary	50612	Northern Virginia District-wide M-47 INTEGRATED RIDESHARING REGIONWIDE		\$623,598
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

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Construction : Safety/ITS/Operational Improvements

System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Primary	50619	Northern Virginia District-wide HOV MARKETING (NON-DULLES SHARE) REGIONWIDE		\$3,500,000
Primary	72898	Arlington County RTE 1 -BUS RAPID TRANSIT RELATD IMPR(BUS STOP SHLTRS,TRF SIG FROM: ALEXANDRIA CORPORATE LIMITS TO: PENTAGON (1.8000 MI)	0001	\$746,000
Primary	67772	Fairfax County RTE 1 - INSTALL CROSSWALK - FEASIBILITY STUDY ONLY FROM: ROUTE 7100 TO: ROUTE 1332 (HUNTINGTON AVENUE)	0001	\$5,133,118
Primary	86511	Fairfax County Install Crosswalk with Flashing Warning Signs FROM: Highland Lane TO: Frye Road (0.1000 MI)	RICHMOND HIGHWAY (0001)	\$88,000
Primary	64476	Prince William County RTE 1 - USMC HERITAGE CENTER ACCESS, RECONSTR RTE 1/619 INT FROM: END OF NB I-95 OFF RAMP TO JOPLIN RD TO: 2100 FT SOUTH OF RT1/RT 619 INTERSECTION (0.6900 MI)	JEFF DAVIS HWY (0001)	\$4,770,220
Primary	81322	Prince William County RTE 1 - CONSTRUCT SIDEWALK FROM: ROUTE 1194 (CHERRY HILL ROAD) TO: CHESAPEAKE DRIVE	JEFFERSON DAVIS HIGHWAY (0001)	\$188,600
Primary	52328	Fairfax County RTE 7 - WIDEN TO 6 LANES - PE ONLY FROM: RESTON Avenue TO: 0.1 MILE WEST OF LEWINSVILLE ROAD (ROUTE 694) (5.9000 MI)	LEESBURG PIKE (0007)	\$10,000,000
Primary	72103	Fairfax County RTE 7 - SPOT IMPROVEMENTS FROM: 0.1 MILE EAST MAGARITY ROAD TO: MAGARITY ROAD (0.1600 MI) Project breakout and funds transferred from UPC 56991.	0007	\$940,759
Primary	17847	Loudoun County RTE 7 - CONSTRUCT INTERCHANGE AT ALGONKIAN PARKWAY	0007	\$1,939,183
Primary	73136	Northern Virginia District-wide RTE 7 - INTELLIGENT TRANSPORTATION SYSTEM FROM: LEESBURG TO: TYSONS CORNER	0007	\$497,100
Primary	70587	Loudoun County RTE 9 - Town of Hillsboro - Traffic Calming & Ped Impvts FROM: 0.1 Mi. N Rte. 719, Stony Point Rd TO: 0.1 Mi. S. Rte. 690, Hillsboro Rd (0.6500 MI)	CHARLES TOWN PIKE (0009)	\$12,860,325
Primary	70634	Loudoun County 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)	0009	\$497,000
Primary	94467	Leesburg ARRA - ROW Phase for the Rte 15 Widening FROM: South King Street TO: Greenway Drive STIP Amd FFY09-23 to add RW Phase and to obligate \$900,000 RW Phase in ARRA Funds FFY10.	SOUTH KING STREET (0015)	\$0

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Construction : Safety/ITS/Operational Improvements

System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Primary	52533	Loudoun County RTE 15 - SAFETY IMPROVEMENTS FROM: WHITE'S FERRY ROAD TO: 0.25 MILE NORTH LUCKETT'S ROAD (4.6500 MI)	JAMES MONROE HWY (0015)	\$17,578,725
Primary	52534	Loudoun County RTE 15 - SAFETY IMPROVEMENTS FROM: 0.2 MILES SOUTH LOVETTSVILLE ROAD TO: MARYLAND STATE LINE (0.3000 MI)	0015	\$6,514,646
Primary	68759	Loudoun County 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)	0015	\$3,751
Primary	68760	Loudoun County RTE 15 - VILLAGE OF LUCKETT'S - SAFETY IMPROVEMENTS FROM: 0.28 MILE SOUTH LUCKETTS RD/STUMPTOWN RD (RTE 662) TO: 0.19 MILE NORTH LUCKETTS RD/STUMPTOWN RD (RTE 662) (0.4000 MI)	0015	\$12,499,980
Primary	81323	Loudoun County RTE 15 - CONSTRUCT BICYCLE/PEDESTRIAN FACILITY FROM: WHITES FERRY ROAD (ROUTE 655) TO: LEESBURG TOWN LIMITS	0015	\$176,000
Primary	86650	Loudoun County RTE.15 SOUTH KING ST-CONSTRUCT MULTIUSE TRAIL FROM: VIRTS CORNER TO: GOVERNORS DRIVE (1.1400 MI)	SOUTH KING STREET (0015)	\$2,000,000
Primary	71287	Fairfax County RTE 28 -REALIGNMENT WB RGHT TRN LNE & SIGNALIZE INTERSECTION FROM: AT NEW BRADDOCK ROAD (ROUTE 7783) TO: At Route 28 (0.0900 MI)	ROUTE 28 (0028)	\$577,697
Primary	94637	Loudoun County ARRA FLASHING BEACON WARNING SYSTEM @ 28 & WAXPOOL RD INTCH FROM: VA 28 / WAXPOOL ROAD INTERCHANGE TO: VA 28 / WAXPOOL ROAD INTERCHANGE STIP AMD FFY09-23 to obligate \$500,000 in ARRA funds CN phase FFY10.	SULLY ROAD (0028)	\$500,000
Primary	79275	Arlington County RTE 29 - LEE HWY EMER VEHICLE PREEMPT SYSTEM FROM: FALLS CHURCH CORP. LIMIT TO: ROSSLYN METRO STATION (5.0000 MI)	LEE HWY (0029)	\$1,000,000
Primary	52471	Fairfax County 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)	0029	\$850,000
Primary	13531	Arlington County RTE 50 (ARLINGTON BLVD)-10TH STREET & COURTHOUSE ROAD INTRSC FROM: 0.223 MILE EAST ROUTE 237 (10TH STREET) TO: 0.424 MILE WEST ROUTE 237 (10TH STREET) (0.6000 MI)	ARLINGTON BLVD. (0050)	\$32,319,074
Primary	56780	Fairfax County 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)	0050	\$783,199

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System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Primary	71291	Fairfax County 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)	0050	\$528,295
Primary	86515	Fairfax County Reconstruct Intersection (includes PE) @ Patrick Henry Dr. (0.1000 MI)	ARLINGTON BLVD. (0050)	\$400,000
Primary	52330	Loudoun County RTE 50 - TRAFFIC CALMING FROM: 0.023 MILE WEST ROUTE 1220 (DOVER ROAD) TO: ROUTE 600 (VILLAGE OF LENA) (10.6800 MI) Future projects to be determined.	0050	\$18,535,200
Primary	68823	Loudoun County RTE 50 - GILBERT'S CORNER ROUNDABOUTS AT ROUTE 15 (1.2800 MI)	0050	\$15,774,169
Primary	68824	Loudoun County 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)	0050	\$3,824,900
Primary	68825	Loudoun County 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)	0050	\$6,156,873
Primary	52284	Arlington County RTE 120 - NORTH GLEBE ROAD PEDESTRIAN CROSSINGS FROM: FAIRFAX DRIVE TO: NORTH CARLIN SPRINGS ROAD (0.4000 MI)	GLEBE ROAD (0120)	\$1,560,000
Primary	52497	Arlington County RTE 120 - INSTALL ADVANCED WARNING SIGNAL AT 24TH ROAD SOUTH	0120	\$25,000
Primary	58473	Arlington County RTE 120-S GLEBE RD-LTLS NB & SB;UPGRADE SIG SYS W/SPLIT PHS AT ARLINGTON ROAD & MOUNT VERNON AVENUE	0120	\$1,694,700
Primary	67639	Arlington County RTE 120 - MODIFY SIGNAL & CROSSWALK, IMPROVE LIGHTING AT SOUTH WALTER REED DRIVE	0120	\$149,722
Primary	73282	Arlington County RTE 120-SOUTH GLEBE ROAD/I-395 INTERCHANGE AREA IMPROVEMENTS FROM: 26th Street South TO: WEST GLEBE ROAD (0.3600 MI)	0120	\$795,300
Primary	16181	Fairfax County RTE 123 - TRANSIT STATION AT TYSONS CORNER (WESTPARK SITE)	0123	\$3,077,979
Primary	52503	Fairfax County RTE 193 - LOWER VERTICAL CURVE AT RIVERBEND ROAD & NETHERCLIFFE HALL ROAD	GEORGE TOWN PIKE (0193)	\$625,175

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Construction : Safety/ITS/Operational Improvements

System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Primary	54498	Prince William County 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)	234 SOUNDWALLS (0234)	\$2,432,729
Primary	70604	Prince William County RTE 234 - CONSTRUCT SOUNDWALLS AT COMPTON FARMS	0234	\$2,887,171
Primary	70605	Prince William County RTE 234 - CONSTRUCT SOUNDWALL AT MILLBROOKE	0234	\$684,831
Primary	71721	Prince William County RTE 234 BUS - PROVIDE SIGNALIZED CROSSWALKS AT ALL MAJOR INTERSECTIONS	0234	\$650,000
Primary	71758	Prince William County RTE 234 - IMPROVE SDWLKS & HANDICAP RAMPS TO CURRENT STNDRDS FROM: ROUTE 621 (BALLSFORD ROAD) TO: ROUTE 661 (GODWIN DRIVE)	SUDLEY ROAD (0234)	\$999,045
Primary	72726	Prince William County 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)	0234	\$732,134
Primary	77077	Prince William County 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)	0234	\$4,176,585
Primary	85382	Prince William County PRTC Western Facility	0234	\$14,000,000
Primary	17671	Fairfax County 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)	LITTLE RIVER TPK (0236)	\$14,003,919
Primary	62692	Fairfax County RTE 236 - INSTALL SECOND LEFT-TURN LANE & MODIFY SIGNAL FROM: 0.18 MILE WEST ROUTE 620 TO: ROUTE 620 BRADDOCK ROAD (0.1250 MI)	0236	\$950,000
Primary	62857	Fairfax County RTE 236 - INSTALL SECOND LTL FROM WB ONTO ROUTE 620 SB FROM: ROUTE 620 (BRADDOCK ROAD) TO: 0.18 MILE WEST ROUTE 620 (0.1250 MI)	0236	\$922,000
Primary	63717	Fairfax County RTE 236 - INSTALL PEDESTRIAN SAFETY MEASURES FROM: BEAUREGARD STREET TO: 0.02 MILE WEST OF ROUTE I-395 (0.1290 MI)	LITTLE RIVER TURNPIKE (0236)	\$1,520,381
Primary	52287	Arlington County RTE 244 - SIGNAL PRIORITIZATION COLUMBIA PIKE	0244	\$800,000

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System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Primary	52459	Arlington County RTE 244 - COLUMBIA PIKE STREETScape IMPROVEMENTS FROM: SOUTH WAKEFIELD STREET TO: FOUR MILE RUN DRIVE (0.4000 MI)	0244	\$6,405,960
Primary	80359	Arlington County RTE 244 - COLUMBIA PIKE MULTI-MODAL CORRIDOR IMPROVEMENTS FROM: FAIRFAX COUNTY LINE TO: WASHINGTON BOULEVARD (3.8000 MI)	0244	\$2,000,000
Primary	85682	Arlington County Rte 244 - Installation Bus Shelters, Pads and Improvements Capital	COLUMBIA PIKE (0244)	\$3,550,000
Primary	94523	Arlington County ARRA Columbia Pike Complete Streets FROM: South Wakefield Street TO: Four Mile Run Drive (0.4000 MI) STIP Amd FFY09-23 to add CN Phase and to obligate \$2,252,800 in ARRA Funds FFY10.	COLUMBIA PIKE (0244)	\$0
Primary	77107	Fairfax County INTERGRATION OF TOLLBOOTH INTO THE ARCS SYSTEM AT HERNDON MONROE PARK & RIDE	0267	\$175,450
Primary	77108	Fairfax County ADDITIONAL SMART TAG (ONLY) LANES FROM: AT MAIN LINE TOLL PLAZA TO: ONE LANE IN EACH DIRECTION	0267	\$2,500,000
Primary	87871	Loudoun County RTE. 287 - ADD LEFT TURN LANES AT RTE 7 BYPASS AT INTERSECTION OF ROUTE 7 BYPASS (0.3000 MI)	BERLIN TURNPIKE (0287)	\$1,685,000
Primary	58599	Loudoun County RTE 7 - INTERCHANGE IMPROVEMENT - PE ONLY FROM: ROUTE 9 TO: MARKET STREET (3.1400 MI)	HARRY BYRD HIGHWAY (6007)	\$2,400,000
Primary	92507	Arlington County ARRA - Arlington PM-9R-09 Primary Plant Mix FROM: Various TO: Various (30.0000 MI) STIP Amd FFY09-10 to add CN Phase and to obligate \$9,480,992 in ARRA Funds FFY09.	9999	\$12,536,300
Primary	92511	Fairfax County ARRA Fairfax PM-9P-09 Primary Plant Mix FROM: Various TO: Various (38.9000 MI) STIP Amd FFY09-10 to add CN Phase and to obligate \$11,416,906 in ARRA Funds FFY09...	VARIOUS (9999)	\$11,424,766
Primary	92513	Loudoun County ARRA Loudoun 7/9/287 Resurfacing FROM: Various TO: Various (9.0000 MI) STIP Amd FFY10-10 to release \$988,148 in ARRA Funds FFY10.	VARIOUS (9999)	\$3,426,970
Primary	92515	Prince William County ARRA Prince William 1/28/29/234 Resurfacing FROM: Various TO: Various (17.5000 MI) STIP Amd FFY10-10 to release \$1,295,288 in ARRA Funds FFY09.	VARIOUS (9999)	\$4,442,320

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Construction : Safety/ITS/Operational Improvements

System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Public Transportation	70761	Arlington County	9999	\$300,000
		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		
Secondary	70762	Arlington County	9999	\$1,000,000
		RTE 9999 - ROSSLYN CIRCLE IMPROVEMENTS (MPO PROJECT) FROM: ROUTE 29 & NORTH LYNN STREET TO: NORTH NASH STREET		
Secondary	64209	Fairfax County	0602	\$454,663
		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	81293	Fairfax County	0617	\$198,664
		RTE 617 - CONSTRUCT PEDESTRIAN SIDEWALK FROM: ROUTE 495 (CAPITAL BELTWAY) TO: ROUTE 1467 (CABIN JOHN ROAD)		
Secondary	60644	Fairfax County	0620	\$520,543
		RTE 620 - REMOVE ISLAND EASTBOUND ROUTE 620 (BRADDOCK RD) FROM: 0.02 MILE WEST ROUTE 617 TO: ROUTE 617 (BACKLICK ROAD)		
Secondary	77128	Fairfax County	0620	\$42,737
		RTE 620 - CONSTRUCT ROUNDABOUT AT ROUTE 609 (0.1400 MI)		
Secondary	81560	Fairfax County	0638	\$600,000
		RTE 638 - LTL ON NB ROLLING ROAD & SIGNAL AT BARNACK DRIVE FROM: 0.01 MILE SOUTH ROUTE 4147 (BARNACK DRIVE) TO: 0.01 MILE NORTH ROUTE 4147 (BARNACK DRIVE)		
Secondary	60104	Fairfax County	7199	\$2,000,000
		RTE 7199 - RESTON TOWN CENTER TRANSIT CENTER; CO ADMIN CMAQ AT EXPLORER ST		
Secondary	65071	Fairfax County	BARON CAMERON AV (0606)	\$361,366
		RTE 606 - EXTEND EB & WB LEFT TURN LANES. FROM: AT ROUTE 602 (RESTON PARKWAY) TO: (FY 2003/04 HES PROGRAM)		
Secondary	60645	Fairfax County	BRADDOCK ROAD (0620)	\$350,817
		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)		
Secondary	86518	Fairfax County	BURKE CENTRE PARKWAY (0643)	\$381,462
		Horizontal Alignment at Burke Centre Parkway (0.1000 MI)		
Secondary	52512	Fairfax County	DAN-SPRING PKWY (7900)	\$11,600,000
		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)		

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System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Secondary	70590	Fairfax County Gallows Road ON-ROAD BIKE TRAILS FROM: Lee Hwy (Rte 29) TO: Old Courthouse Rd. (Rte 677) (3.0000 MI)	GALLOWS RD. (RTE 650)	\$441,477
Secondary	60643	Fairfax County 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)	HOOES ROAD (0636)	\$605,275
Secondary	52502	Fairfax County RTE 1813 - RECONSTRUCTION FROM: 125 FEET SOUTH OF ROUTE 123 TO: 150 FEET NORTH OF ROUTE 123 (0.0500 MI)	INGLESIDE AVE (1813)	\$186,400
Secondary	86514	Fairfax County Redesign Intersection FROM: Loisdale Road TO: Loisdale Court (0.1000 MI)	LOISDALE ROAD (0789)	\$438,737
Secondary	80798	Fairfax County TOWN OF CLIFTON-MAIN STREET PARKING & SIDEWALK IMPROVEMENTS Within limits of Town of Clifton	MAIN STREET	\$216,650
Secondary	17836	Fairfax County 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)	OLD COLCHESTER (0611)	\$539,623
Secondary	65072	Fairfax County RTE 677 - EXTEND EB RIGHT TURN LANE (FY 2003/04 HES PROG) FROM: 0.02 MILE WEST INT ROUTE 650 (GALLOWS ROAD) TO: INT OF ROUTE 650 (GALLOWS ROAD)	OLD COURTHSE RD (0677)	\$486,869
Secondary	52981	Fairfax County RTE 609 - STRAIGHTEN CURVE (HES PROGRAM PROJECT) AT 0.2 MILE NORTH ROUTE 620	PLEASANT VALLEY (0609)	\$793,368
Secondary	52982	Fairfax County RTE 609 - STRAIGHTEN CURVE (HES PROGRAM PROJECT) AT 0.60 MILE NORTH ROUTE 8566 (MARTINS HUNDRED DRIVE)	PLEASANT VALLEY (0609)	\$566,530
Secondary	52983	Fairfax County RTE 609 - STRAIGHTEN CURVE (HES PROGRAM PROJECT) AT 0.45 MILE SOUTH ROUTE 620	PLEASANT VALLEY (0609)	\$511,238
Secondary	52984	Fairfax County RTE 654 - STRAIGHTEN CURVE (HES PROGRAM PROJECT) FROM: 300 FEET WEST ROUTE 5435 (LEWISHAM ROAD) TO: ROUTE 5436 (O'FALY ROAD) (0.2900 MI) No longer qualifies for HES funds.	POPES HEAD ROAD (0654)	\$284,930
Secondary	53313	Fairfax County RTE 613 - GRADE SEPARATION - PE ONLY FROM: AT ROUTES 613 AND 644 (SOUTH VANDORN STREET AND FRANCONIA TO: ROAD) (0.7000 MI)	S.VAN DORN/FRANC (0613)	\$8,000,000
Secondary	72695	Fairfax County RTE 676 - FEASIBILITY & PE FOR PED ACCESS ACROSS DAATR FROM: WOLF TRAP NATIONAL PARK ENTRANCE TO: ROUTE 675 (BEULAH ROAD) (0.7500 MI)	TRAP ROAD (0676)	\$2,242,000

Northern Virginia MPO

Construction : Safety/ITS/Operational Improvements

System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Secondary	72995	Loudoun County RTE 643 - CONSTRUCT 400+ SPACE COMMUTER PARK & RIDE LOT FROM: IN LOUDOUN COUNTY TO: (RIGHT OF WAY BY DEVELOPER) (0.1000 MI)	0643	\$1,620,000
Secondary	82830	Loudoun County EASTERN LOUDOUN PARK-AND-RIDE LOT	9999	\$385,000
Secondary	86670	Loudoun County RTE. 1582-CONSTRUCT RIGHT TURN LANE AT INTERSECTION WITH ROUTE 1570 (0.1000 MI)	ALGONKIAN PARKWAY (1582)	\$300,000
Secondary	8828	Loudoun County RTE 659 - WIDEN & STRENGTHEN EXISTING HARDSURFACED ROAD FROM: DULLES GREENWAY (ROUTE 267) TO: ROUTE 7 (HARRY BYRD HIGHWAY) (3.4000 MI)	BELMONT RIDGE RD (0659)	\$3,227,540
Secondary	81294	Loudoun County RTE 625 - CONSTRUCT ROUNDABOUT At intersection with Lincoln Ave. and Belfort St.	CHURCH ROAD (0625)	\$1,405,845
Secondary	87866	Loudoun County RTE. 625-CONSTRUCT ROUNDABOUT INTERSECTION WITH LINCOLN AVE.RTE.1496/BELFORT DR. RTE.1481	CHURCH ROAD (0625)	\$1,210,000
Secondary	84358	Loudoun County Route 621- Construct Roundabout at Route 672 At intersection with Ryan Road (Route 772) (0.2000 MI)	EVERGREEN MILLS ROAD (0621)	\$2,000,000
Secondary	18757	Loudoun County RTE 634 - RECONSTRUCTION FROM: ROUTE 789 TO: 0.075 KILOMETERS WEST RANDOLPH DRIVE (0.2250 KM)	MORAN RD (0634)	\$178,549
Secondary	77562	Loudoun County RTE 9999 - CONSTRUCT PARK & RIDE FACILITY OFF ROUTE 643 0.7 Mi. Northeast Interchange Rte 267 at Rte 653 (0.1000 MI)	SYCOLIN ROAD (9999)	\$6,551,817
Secondary	94639	Loudoun County 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) STIP ADJ FFY10-01 to move \$200,000 ARRA FFY09 funds to FFY10.	WAXPOOL ROAD (0625)	\$2,200,000
Secondary	70736	Northern Virginia District-wide CONGESTION RELIEF PROJECT - HUNTINGTON METRO FROM: Intersection of Route 1332 (Huntington Avenue) TO: And Route 1346 (Fenwick Drive)	HUNTINGTON AVE (1332)	\$221,520
Secondary	71723	Prince William County RTE 641 - PROVIDE HANDICAP ACCESS FROM: East of Titania Way TO: Cricket Lane	0641	\$1,568,134
Secondary	17837	Prince William County 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)	BALLS FORD RD (0621)	\$701,504

Northern Virginia MPO

Construction : Safety/ITS/Operational Improvements

System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Secondary	71465	Prince William County RTE 621 - CONSTRUCT LEFT TURN LANE AT ROUTE 622 (GROVETON ROAD)	BALLSFORD ROAD (0621)	\$273,999
Secondary	71471	Prince William County RTE 1596-INSTALL TRAFFIC SIGNAL AT INTERSEC WITH RTE 1630 AT INTERSECTION WITH ROUTE 1630	COVERSTONE ROAD (1596)	\$405,939
Secondary	60648	Prince William County 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)	DALE BLVD (0784)	\$559,042
Secondary	81295	Prince William County RTE 784 - CONSTRUCT CROSSWALK W/PEDESTRIAN PUSHBUTTON AT ROUTE 2068 (GIDEON DR)	DALE BOULEVARD (0784)	\$189,086
Secondary	86838	Prince William County Route 784 - Extend WB left turn lanes At Route 2480, Benita Fitzgerald Blvd. (0.1000 MI)	DALE BOULEVARD (0784)	\$400,000
Secondary	65073	Prince William County RTE 636 - REPLACE TRAFFIC SIGNAL (FY 2003/04 HES PROGRAM) AT INTERSECTION OF ROUTE 638 (COLCHESTER ROAD)	FEATHERSTONE RD (0636)	\$303,960
Secondary	71470	Prince William County RTE 707 - CONSTRUCT RIGHT AND LEFT TURN LANES FROM: 0.03 MILE EAST ROUTE 55 TO: 0.03 MILE SOUTH ROUTE 55	GALLEHER ROAD (0707)	\$200,000
Secondary	60650	Prince William County 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)	LOMOND DRIVE (1530)	\$932,643
Secondary	57416	Prince William County RTE 692 - DRAINAGE IMPROVEMENTS FROM: 0.10 MILE N. HIDDEN SPRING DRIVE, ROUTE 2559 TO: 0.23 MILE SOUTH HIDDEN SPRING DRIVE, ROUTE 2559 (0.3300 MI) STIP Amd FFY09-17 to add \$278,478 in STP Funds PE Phase, release \$83,278 STP Funds RW Phase; move \$1,037,981 STP FY09 to FY11 & add an addit'l \$553,257;add \$336,373 AC-STP CN Phase FFY11, rel \$318,495 AC/Conv FFY10, add \$199,281 AC-Conv FFY12.	LUCASVILLE RD (0692)	\$3,193,514
Secondary	65074	Prince William County RTE 640 - MODIFY TRAFFIC SIGNAL & EXTEND WB LEFT TURN LANE FROM: AT INTERSECTION OF ROUTE 2000 (SMOKETOWN ROAD) TO: (FY 2003/04 HES PROGRAM)	MINNIEVILLE RD (0640)	\$254,804
Secondary	71468	Prince William County RTE 641 - RECONSTRUCT WESTBOUND LANE TO ADD SUPERELEVATION FROM: 0.14 MILE EAST FOREST HILL ROAD TO: 0.37 MILE EAST FOREST HILL ROAD (0.0600 MI)	OLD BRIDGE ROAD (0641)	\$323,427
Secondary	64223	Prince William County RTE 3000 - INSTALL SOUND BARRIERS CONSTRUCT SOUND WALL AT MIDDLEBROOK ESTATES (0.2310 MI)	PRINCE WILLIAM PARKWAY (3000)	\$2,822,295
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

Northern Virginia MPO

Construction : Safety/ITS/Operational Improvements

System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Secondary	65075	Prince William County RTE 3000 - CLOSE CROSSOVER (FY 2003/04 HES PROGRAM) FROM: AT INTERSECTION OF ROUTE 2834 (MALTA STREET) & TO: EXTEND DUAL LEFT TURN LANES ONTO ROUTE 640 (MINNIEVILLE RD) (0.2500 MI)	PRINCE WM PKWY (3000)	\$316,426
Secondary	90499	Prince William County RTE 643 - TWO-LANE RECONSTRUCTION AND REALIGNMENT FROM: ROUTE 234 TO: RUNNING DEER RD. (Route 1446) (1.0000 MI) STIP AMD FFY09-17 to add PE ph & to oblig \$561,899 in STP funds, \$169,421 in RSTP funds- PE phase FFY09;	PURCELL ROAD (643)	\$4,525,000
Secondary	80769	Prince William County RTE 3300-INCIDENTAL CN-SLOPE STABILIZATION & PVMNT SETTLMNTS FROM: 0.322 MILE WEST OF PRINCE WILLIAM PKWY TO: DALE BOULEVARD (1.2700 MI)	RIDGEFIELD ROAD (3300)	\$1,745,034
Secondary	81072	Prince William County 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	RIXLEW LANE (0668)	\$100,000
Secondary	60649	Prince William County RTE 2000 - INSTALL LTL NB TO RTE 641 WB & MODIFY SIGNAL FROM: 0.07 MILE SOUTH ROUTE 641 TO: ROUTE 641 (0.0700 MI)	SMOKETOWN ROAD (2000)	\$243,900
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)	\$883,637
Secondary	86837	Prince William County Construct dual left turn lanes on SB Route 234 at Route 840 On Route 234 at Route 840 (0.3000 MI)	UNIVERSITY BOULEVARD (0840)	\$500,000
Secondary	64208	Prince William County RTE 611 - INSTALL LTL & REALIGN INTERSECTION (OC \$) FROM: 0.01 MILE SOUTH ROUTE 619 TO: 0.10 MILE SOUTH ROUTE 619 (0.0900 MI)	VALLEY VIEW DR (0611)	\$296,367
Urban	16099	Alexandria CITY OF ALEXANDRIA - HOV ACCESS RAMP (PE ONLY IN SYIP) AT SEMINARY ROAD		\$200,000
Urban	79793	Alexandria HOLMES RUN BIKE TRAIL STUDY - HOLMES RUN TRAIL FROM I-395 TO RIPLEY STREET		\$250,000
Urban	81077	Alexandria SIDEWALK CONNECTIONS - CITYWIDE FROM: CITYWIDE SIDEWALK CONNECTION IMPROVEMENTS NEAR METRO TO: STATIONS AND BUS STOPS_AT VARIOUS LOCTIONS		\$750,000
Urban	82841	Alexandria RIDESHARING ENHANCEMENTS IN ALEXANDRIA Rideshare Enhancement		\$650,000
Urban	58156	Alexandria PEDESTRIAN IMPROVEMENTS ALEXANDRIA UNION STATION	0000	\$310,000

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Construction : Safety/ITS/Operational Improvements

System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Urban	79791	Alexandria ALEXANDRIA BUS SHELTERS VARIOUS LOCARION THRUOUT ALEXANDRIA	0000	\$500,000
Urban	86660	Alexandria HSIP Proactive Safety Projects City of Alexandria	0000	\$0
Urban	79792	Alexandria RTE 7 - KING ST METRO STATION PARKNG LOT/BUS RECONFIGURATION FROM: STUDY TO CONDUCT AN ANALYSIS OF THE CONSTRAINTS & TO: OPPORTUNITIES FOR DESIGN CONCEPTS AT KING ST METRORL STATION	0007	\$860,000
Urban	71853	Alexandria CITY OF ALEXANDRIA - DASH BUS MAINTENANCE FACILITY FROM: (NEXT TO CURRENT FACILITY) TO: Roth Street (0.5000 MI)	BUSINESS CENTER DR	\$35,000,000
Urban	85374	Alexandria Bicycle Safety Improvements at Int. & Multi-use Trails FROM: Various TO: Various	CITY-WIDE (0000)	\$180,000
Urban	63364	Alexandria RTE 236 - DUKE STREET PEDESTRIAN ACCESS IMPROVEMENTS AT BEN BRENNAN PARK (0.3000 MI)	DUKE STREET (0236)	\$800,000
Urban	70599	Alexandria RTE 236 - CONGESTION RELIEF PROJECT FROM: Dove Street TO: Walker Street (2.6500 MI)	DUKE STREET (0236)	\$810,126
Urban	8645	Alexandria RTE 7 - INTERSECTION IMPROVEMENTS AT BEAUREGARD FROM: CHESTERFIELD ROAD TO: NORTH HAMPTON DRIVE (0.7000 MI)	KING STREET (0007)	\$10,559,741
Urban	16631	Alexandria KING STREET - METRO RAIL STATION FROM: PEDESTRIAN IMPROVEMENTS TO: PROPOSED SIDEWALK, CROSSWALKS, ETC.	KING STREET	\$60,000
Urban	57071	Alexandria STATION IMPROVEMENTS INCLUDING PLATFORM EXTENSION KING STREET METRO	KING STREET	\$3,119,991
Urban	71769	Alexandria CITY OF ALEXANDRIA - INTELLIGENT TRANSPORTATION SYSTEM ALEXANDRIA ITS, KING/BRADDOCK/QUAKER	KING STREET	\$924,548
Urban	17678	Alexandria MILL ROAD - EXTENSION (PE ONLY IN SYIP) EXTENSION OF MILL ROAD	MILL ROAD	\$2,946,862
Urban	63362	Alexandria CITY OF ALEXANDRIA - TRAFFIC STUDY OLD TOWN TRAFFIC STUDY OF CONGESTION REDUCTION MEASURES	OLD TOWN	\$200,000

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Construction : Safety/ITS/Operational Improvements

System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Urban	85380	Alexandria Pedestrian Improvements to Major Roadways @ Edsall Road	SOUTH PICKETT (0000)	\$120,000
Urban	79794	Alexandria Dedicated Transit Corridors - Study Only FROM: CITY-WIDE TO: CITY-WIDE	VARIOUS	\$500,000
Urban	82842	Alexandria SIDEWALK & TRAIL IMPROVEMENTS Sidewalk and Trail Improvements	VARIOUS	\$765,035
Urban	13464	Alexandria CITY OF ALEXANDRIA - HIGHWAY SIGNALIZATION VARIOUS LOCATIONS	VARIOUS ROUTES	\$3,000,000
Urban	70580	Alexandria ITS INTEGRATION MPO PROJECT	VARIOUS ROUTES	\$1,420,000
Urban	87493	Arlington County Transportation System Management & Communications Plant Upgr Countywide		\$4,440,000
Urban	18863	Arlington County ARLINGTON COUNTY - SIDEWALKS/OTHER PEDESTRIAN IMPROVEMENTS FROM: 22nd St. N TO: 26th St. N (0.5000 MI)	OLD DOMINION DRI (0309)	\$1,200,000
Urban	86526	Arlington County Widening Median and Construct Pedestrian Crosswalk at Lee Highway (0.1000 MI)	SPOUT RUN PARKWAY (0124)	\$227,083
Urban	76681	Dumfries CONSTRUCT DEBRIS WALL NEAR MINE ROAD		\$1,666,872
Urban	81517	Dumfries RTE 1 - IMPROVEMENTS TO MAIN STREET MAIN STREET	0001	\$628,284
Urban	77377	Dumfries RTE 1 - MAIN STREET - DRAINAGE IMPROVEMENT-PURCHASE PROPERTY ONLY FROM: CANAL ROAD TO: 0.1 MILE SOUTH CANAL ROAD (0.1000 MI)	MAIN STREET (0001)	\$374,920
Urban	70600	Fairfax FAIRFAX - CONGESTION RELIEF PROJECT AT FAIRFAX CIRCLE	FAIRFAX CIRCLE	\$636,279
Urban	17690	Fairfax RTE 29 - 6 LANE (PE ONLY IN SYIP) FROM: CHAIN BRIDGE ROAD TO: WCL FAIRFAX	LEE HIGHWAY (0029)	\$1,317,000

Northern Virginia MPO

Construction : Safety/ITS/Operational Improvements

System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Urban	71614	Fairfax RTE 29 - SPOT IMPROVEMENTS (PE ONLY IN SYIP) AT INTERSECTION OF ROUTES 29/50 & 236 (0.2800 MI)	LEE HIGHWAY (0029)	\$200,000
Urban	17683	Fairfax 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)	PICKETT ROAD	\$1,135,214
Urban	82838	Fairfax TRAFFIC SIGNAL CONTROLLER UPGRADES IN FAIRFAX CITY FROM: CITY-WIDE SIGNALS TO: CITY-WIDE SIGNALS	VARIOUS	\$270,000
Urban	85378	Fairfax Install Video Traffic Monitoring Cameras	VARIOUS (0000)	\$120,000
Urban	50562	Fairfax BUS ACCESSIBILITY IMPROVEMENTS - PHASES 1 & 2 VARIOUS LOCATIONS	VARIOUS LOCS	\$350,000
Urban	57070	Fairfax FAIRFAX - VIDEO TRAFFIC MONITORING CAMERAS AT MAJOR INTERSECTIONS	VARIOUS ROUTES	\$340,000
Urban	70579	Fairfax CITY OF FAIRFAX - DYNAMIC MESSAGE SIGNS (MPO PROJECT)	VARIOUS ROUTES	\$304,895
Urban	82839	Fairfax County 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	0267	\$8,437,000
Urban	79394	Falls Church FALLS CHURCH CITY WIDE TRANSPORTATION STUDY		\$350,000
Urban	85153	Falls Church Purchase Hybrid Vehicles - Falls Church	0000	\$100,000
Urban	84554	Falls Church Traffic Signal Management System FROM: Various Locations TO: Various Locations	CITY WIDE (0000)	\$300,000
Urban	81015	Falls Church 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	MAPLE AVENUE (0000)	\$6,193,910
Urban	94425	Falls Church ARRA Traffic Calming - ARRA Stimulus FROM: TBD TO: TBD STIP ADJ FFY10-01 to move \$2,000 ARRA FFY09 funds to FFY10.	TBD (0000)	\$0

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Construction : Safety/ITS/Operational Improvements

System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Urban	14624	Falls Church CITY OF FALLS CHURCH - HIGHWAY SIGNALIZATION AT VARIOUS LOCATIONS	VARIOUS LOCS	\$205,000
Urban	79812	Herndon W & OD TRAIL CROSSING IMPROVEMENTS FROM: TO INCLUDE STREETS THAT INTERSECT THE W & OD TRAIL TO: IE: CRESTVIEW DR., FERNDALE AVE, AND GRACE ST		\$150,000
Urban	85495	Herndon Herndon - Alternative Fuel Program for Town's fleet	0000	\$150,000
Urban	50100	Herndon EAST ELDEN STREET EAST ELDEN STREET - WIDEN TO 4 & 6 LANES (PE ONLY IN SYIP) FROM: VAN BUREN STREET TO: ECL OF HERNDON (0.6000 MI)		\$13,350,000
Urban	86414	Herndon Pedestrian and Bike Improvements for Elden Street	ELDEN STREET (0000)	\$250,000
Urban	52449	Herndon SUGARLAND RUN TRAIL FROM: W&OD TRAIL TO: FAIRFAX COUNTY TRAIL	SUGARLAND RUN TR	\$909,642
Urban	13467	Herndon TOWN OF HERNDON - HIGHWAY SIGNALIZATION AT VARIOUS LOCATIONS	VARIOUS LOCS	\$775,969
Urban	70603	Leesburg 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)	0773	\$420,000
Urban	17688	Leesburg RTE 15 - COORDINATE 7 TRAFFIC SIGNALS ON SOUTH KING STREET	SOUTH KING ST (0015)	\$265,686
Urban	50008	Leesburg LEESBURG - COORDINATE SIGNALS TOWN WIDE	VARIOUS ROUTES	\$274,686
Urban	76978	Manassas PHASE II HIGHWAY SIGNALIZATION VARIOUS ROUTES		\$0
Urban	82843	Manassas MANASSAS INCIDENT MANAGEMENT VARIABLE MESSAGE BOARDS NEW FY07 RSTP PROJECT		\$200,000
Urban	60212	Manassas RTE 28 - TRACK WORK AND BUILDING PHASE 1 NORFOLK SOUTHERN R/R TRACK RELOCATION	0028	\$5,589,352

Northern Virginia MPO

Construction : Safety/ITS/Operational Improvements

System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Urban	61448	Manassas 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)	CENTREVILLE ROAD (0028)	\$4,284,823
Urban	72802	Manassas PRINCE WILLIAM PKWY - CONSTRUCT DUAL LEFT TURN LANES AT LIBERIA AVENUE	PRINCE WILLIAM P	\$375,000
Urban	13465	Manassas MANASSAS - HIGHWAY SIGNALIZATION VARIOUS LOCATIONS	VARIOUS ROUTES	\$1,326,000
Urban	52929	Manassas RTE 28 - WELLINGTON ROAD - PHASE I FROM: 0.108 MILE SOUTH ROUTE 28 TO: NORFOLK SOUTERN MAINLINE CROSSING (0.2770 MI)	WELLINGTON ROAD (0028)	\$6,234,838
Urban	76683	Manassas Park INTERSECTION IMPROVEMENTS ON MANASSAS DRIVE AT EUCLID AVENUE	MANASSAS DRIVE	\$2,267,903
Urban	94613	Manassas Park ARRA - ROW Phase - Intersection Improvements on Manassas Dri at Euclid Ave STIP Amd FFY09-23 to add RW Phase and to obligate \$300,000 in ARRA Funds and \$177,857 in Urban Formula State RW Phase FFY10.	MANASSAS DRIVE (0000)	\$0
Urban	71733	Manassas Park SIGNAL VIEW DRIVE - 8 FOOT ASPHALT MULTI-USE TRAIL FROM: WITHIN SIGNAL HILL PARK, ALONG SEWER EASEMENT PARALLEL TO TO: SIGNAL VIEW DRIVE AS WELL AS THE CONFINES OF SIGNAL HILL PK	SIGNAL VIEW DRIV	\$23,328
Urban	52290	Purcellville PURCELLVILLE - COMMUTER PARKING LOT (PE ONLY IN SYIP) 75-SPACE COMMUTER LOT (0.5000 MI)		\$1,472,500
Urban	77170	Purcellville MULTIPLE SIDEWALK ENHANCEMENTS AT VAR LOCS VARIOUS LOCATIONS	0007	\$500,000
Urban	70578	Purcellville RTE 7 - INTERSECTION IMPROVEMENTS FROM: SOUTH MAPLE AVENUE TO: ROUTE 287	MAIN STREET (0007)	\$2,944,394
Urban	71734	Purcellville PURCELLVILLE - BICYCLE ACCESS TO HIGH SCHOOL & W&OD TRAIL FROM: MAIN STREET TO: 100 FEET NORTH OF THE WASHINGTON AND OLD DOMINION TRAIL	MAIN STREET	\$460,000
Urban	77402	Vienna RTE 123 - MAPLE AVENUE IMPROVEMENTS MAPLE AVENUE	0123	\$1,223,494
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

Northern Virginia MPO

Construction : Safety/ITS/Operational Improvements

System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Urban	14853	Vienna	BRANCH ROAD	\$3,002,485
		BRANCH ROAD - 2 LANE RECONSTRUCTION		
		FROM: 0.022 KILOMETER EAST OF MAPLE AVENUE TO: 0.005 KILOMETER WEST OF VALLEY DRIVE (0.6730 KM)		

Construction : Transportation Enhancement/Byway/Non-Traditional

System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Enhancement	87450	Arlington County		\$500,000
		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		
		Project "grouped" see STIP T-1868 for district obligation		
Enhancement	94586	Alexandria	EN01	\$0
		ARRA - Eisenhower Avenue Trail - Phase 1A / C502		
		FROM: South side of Eisenhower Avenue / under bridge TO: To North side of Eisenhower Avenue		
		STIP ADJ FFY10-01 to move \$15,000 ARRA FFY09 funds to FFY10.		
Enhancement	94590	Herndon	EN03	\$0
		ARRA - Herndon Streetscape Utility Relocation		
		STIP ADJ FFY10-01 to move \$15,000 ARRA FFY09 funds to FFY10.		
Enhancement	93206	Prince William County	EN06	\$0
		ARRA - Semper Fidelis Memorial Park Trails		
		STIP Amd FFY09-11 to add \$500,000 CN Phase ARRA Funds CN Phase FFY09.		
Enhancement	T1868	Statewide	STIP	\$71,938,208
		ENHANCEMENT PROJECTS - STATEWIDE (STIP)		
		STIP AMD FFY10-07 to remove \$740,250 STP/EN funds FFY09 associated with UPC 63564. Project changed from 'Grouped' to 'UnGrouped'. -- Funding identified to be obligated statewide as projects are identified --		
Miscellaneous	17641	Northern Virginia District-wide		\$69,578
		BICYCLE RACKS - PURCHASE AND INSTALL		
		AT SELECTED LOCATIONS		
Miscellaneous	80434	Northern Virginia District-wide		\$866,599
		NORTHERN VA POTOMAC HERITAGE NATIONAL SCENIC TRAIL		
		FY07 SAFETEA-LU EARMARK PROJECT		
Primary	67243	Loudoun County		\$98,000
		PHASE III - MT. ZION RESTORATION PROJECT		
		FROM: INCLUDING REMOVAL, RESTORATION AND INSTALLATION OF TO: FOUR WINDOWS IN THE WEST WALL		
		Project Grouped See STIP T1868 for District Obligations		
Primary	56866	Fairfax County	0050	\$5,221,812
		RTE 50 - INSTALL PEDESTRIAN BRIDGE		
		FROM: 0.170 MILE EAST ROUTE 7 OVERPASS TO: 0.052 MILE WEST ROUTE 2327 (PATRICK HENRY DRIVE) (0.3220 MI)		
Primary	58601	Fairfax County	0050	\$3,000,000
		RTE 50 - PEDESTRIAN IMPROVEMENTS		
		FROM: JAGUAR TRAIL TO: SEVEN CORNERS		

Northern Virginia MPO**Construction : Transportation Enhancement/Byway/Non-Traditional**

System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Primary	64766	Haymarket Route 55 - Washington Street- Streetscape FROM: MADISON STREET TO: 0.093 MILES EAST OF ST. PAUL DRIVE (0.2140 MI) Project "grouped" under STIP Item T-1868 for obligations	WASHINGTON STREET (0055)	\$930,311
Primary	58598	Arlington County RTE 110 - SOUTH BIKE TRAIL FROM: NORTH PENTAGON PARKING LOT TO: MEMORIAL BRIDGE	0110	\$523,474
Primary	62146	Arlington County RTE 120 -XWALKS,PED SIGNLS,REFUGE AREAS,RECONST CURB CORNERS 27TH STREET & RAMP FROM 1-395 WEST GLEBE ROAD	0120	\$81,060

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	\$341,997,979
Primary	94468	Fairfax ARRA - MPO - Reconstruction and Repaving FROM: Rebel Run TO: Eaton Place STIP Amd FFY09-23 to add CN Phase and to obligate \$600,000 in ARRA Funds CN Phase FFY10.	FAIRFAX BOULEVARD (0050)	\$0

Maintenance : Preventive Maintenance for Bridges

System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Miscellaneous	T3748	BRIDGE SAFETY INSPECTION REHABILITATION AND RECONSTRUCTION Funding Identified to be Obligated Statewide as Projects are Identified	SOPS	\$184,481,671

Maintenance : Traffic and Safety Operations

System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Miscellaneous	94641	Loudoun County ARRA PAVEMENT MARKINGS IN LOUDOUN COUNTY FROM: LOUDOUN COUNTY WIDE TO: LOUDOUN COUNTY WIDE STIP Amd FFY09-23 to add CN Phase and to obligate \$400,000 in ARRA Funds CN Phase FFY10.	0000	\$400,000
Miscellaneous	T3746	TRAFFIC AND SAFETY OPERATIONS STIP ADJ FFY10-10 to move \$897,402 ARRA funds from FFY09 to FFY10. ---Funding Identified to be Obligated Statewide as Projects are Identified	SOPS	\$127,389,290
Urban	94424	Falls Church ARRA Reconstruct Sidewalk and Curb and Gutter - City wide FROM: City wide TO: City wide STIP ADJ FFY10-01 to move \$5,000 ARRA FFY09 funds to FFY10.	CITY WIDE (0000)	\$0

Northern Virginia MPO

Transit : Access

System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Miscellaneous	70720	Northern Virginia District-wide CONGESTION RELIEF PROJECT - VRE PARKING CAPITAL		\$950,000
Primary	94466	Purcellville ARRA - Sidewalk Connections near Main / Maple Intersection @ Maple Avenue STIP Amd FFY09-23 to add CN Phase and obligate \$125,000 in ARRA Funds CN Phase FFY10.	MAIN STREET (0007)	\$0
Public Transportation	T1123	Fairfax County WMATA Bike Racks on Buses		\$0
Urban	81324	Purcellville RTE 7 - CONSTRUCT SIDEWALK FROM: NORTH SIDE OF WEST MAIN STREET; NORTH 28TH STREET; TO: NORTH 33RD STREET	0007	\$499,000

Transit : Amenities

System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Miscellaneous	T236	Fairfax County Install 600 Bus Stop Signs Throughout Region		\$0
Miscellaneous	T235	Fairfax County Install CRT Exhaust Filters for 250 Buses		\$0
Miscellaneous	T233	Fairfax County Install Canopies Over Bus Bays at 4 Metrorail Stations		\$0
Miscellaneous	T208	Fairfax County West Falls Church Metrorail Station Bus Bay Area Modificatio		\$0
Miscellaneous	T207	Fairfax County Springfield Mall Transit Store		\$0
Miscellaneous	T160	Fairfax County Commuter Assistance Program (Commuter Stores and Services)		\$0
Miscellaneous	T154	Fairfax County Bus Shelter Programs: Fairfax, PRTC, Arlington and Alexandr		\$0
Public Transportation	T1838	Arlington County Arlington - Clarendon and Crystal City Canopies		\$0
Public Transportation	T99	Fairfax County Transit Store Funding		\$0
Public Transportation	T67	Fairfax County Increase Capacity at Alexandria Station		\$0

Northern Virginia MPO**Transit : Amenities**

System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Public Transportation	T21	Fairfax County Completion of Transit Center		\$0
Public Transportation	T1118	Manassas VRE Station Parking		\$0
Public Transportation	T1834	Northern Virginia District-wide WMATA Information Kiosks		\$0
Public Transportation	T1125	Fairfax County Relocation of Arlington Division WMATA Garage	0000	\$0
Public Transportation	87399	Prince William County VRE Manassas Line Platform Extensions VRE Manassas Line Platform Extensions	0028	\$1,645,592
Public Transportation	50007	Fairfax County SEVEN CORNERS TRANSIT TRANSFER CENTER FROM: SEVEN CORNERS TO: SEVEN CORNERS	RTE 0050 (0050)	\$800,000
Public Transportation	84292	Arlington County Pentagon City Metro Station: Hayes Street @ Pentagon City and 12th Street (0.1000 MI)	SOUTH HAYES (9999)	\$0

Transit : Engineering

System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Interstate	85393	Northern Virginia District-wide I66 Multimodal Study - Phase I FROM: Rte 66 (DC line) TO: Rte 495 (Capital Beltway) (16.5000 MI)	0066	\$15,000,000
Primary	59296	Arlington County BUS TRANSFER FACILITY - PE ONLY BUS TRANSFER FACILITY AT SHIRLINGTON		\$235,000
Public Transportation	T1837	Alexandria Alexandria - Potomac Yard Transit Analysis Phase II	POTOMAC YARD TRANSITWAY PROJECT	\$0
Public Transportation	T1835	Alexandria Alexandria - Eisenhower Valley Transit/Transportation Study		\$0
Public Transportation	T1789	Alexandria Community-Wide Transit Analysis in Western Alexandria		\$300,000

Northern Virginia MPO**Transit : Engineering**

System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Public Transportation	85372	Loudoun County Countywide Transit Facilities Study	0007	\$400,000
Public Transportation	85373	Prince William County VRE-Gainesville-Haymarket Extension	0015	\$243,100,000

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 Signal Upgrade	0000	\$0
Public Transportation	T34	Fairfax County Regional Traffic Control Measures	0000	\$0
Public Transportation	T27	Fairfax County Signal Conversion (Potomac Yards - South of Alexandria)	0000	\$0

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
Miscellaneous	T161	Fairfax County Rideshare Program Expanded TCM-47		\$0

Northern Virginia MPO**Transit : Ridesharing**

System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Miscellaneous	T151	Fairfax County Provide Free Bus Rides on Code Red Days Provide Free Bus Rides on Code Red Days		\$4,350,500
Public Transportation	T100	Arlington County Commuter Assistance Program Commuter Assistance Program FFY08 Rollover Project - Project added to FFY09 STIP based upon FHWA approval of FFY08 STIP Amd #13...		\$0
Public Transportation	T155	Fairfax County Transportation Emission Reduction Measures (TERMS)		\$0
Public Transportation	T66	Fairfax County Rideshare Program Enhancements		\$0
Public Transportation	T1836	Northern Virginia District-wide PRTC/NVTC - VRE SmarTrip Program		\$0
Public Transportation	T1832	Multi-jurisdictional: Northern Virginia MPO Program Evaluation - Regional Code Red Program (NVTC)	DRPT	\$0
Public Transportation	T1833	Northern Virginia District-wide PRTC Commuter Assistance Program PRTC Commuter Assistance Program	DRPT	\$0

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

Transit : Vehicles

System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
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

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 STIP Amd FFY09-23 to add CN Phase and to obligate \$1,320,000 in ARRA Funds FFY10 CN	VARIES (ACBP)	\$0
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)	\$0
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	\$3,467,000
Public Transportation	T1124	Fairfax County Richmond Highway Bus Priority Project Richmond Highway Bus Priority Project	DRPT	\$0

**WASHINGTON
METROPOLITAN AREA
TRANSIT AUTHORITY**

**WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY
TRANSPORTATION IMPROVEMENT PROGRAM
CAPITAL COSTS (in \$1,000)**

FINAL DRAFT

	Source	Fed/St/Loc	Previous Funding	FY 11	FY 12	FY 13	FY 14	FY 15	FY 16	Source Total
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**Transit
Maintenance Equipment**

TIP ID: 5829	Agency ID:	Title: Business Facilities Equipment							Complete:
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Facility:	Section 5309	50/0/50		833 e	834 e	744 e	771 e	919 e	818 e	4,919
From:									Total Funds:	4,919
To:										

Description: Provides funds for the purchase and/or replacement of equipment that supports the business process of the agency.

TIP ID: 5828	Agency ID:	Title: Rail Maintenance Equipment							Complete:
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Facility:	Local	0/0/100		564 e	4,011 e	1,676 e	225 e			6,476
From:	PRIIA	50/0/50		37,018 e	51,564 e	49,329 e	28,305 e	16,991 e	19,571 e	202,778
To:										Total Funds: 209,254

Description: Provides funds for the purchase and/or replacement of equipment to maintain the rail system.

TIP ID: 5827	Agency ID:	Title: Bus Repair Equipment							Complete:
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Facility:	Section 5307	50/0/50			2,855 e	3,015 e	3,125 e	3,213 e	3,380 e	15,588
From:	Section 5307.	80/0/20		2,732 e						2,732
To:										Total Funds: 18,320

Description: Provides funds for the purchase and/or replacement of bus repair equipment.

Maintenance Facilities

TIP ID: 5640	Agency ID:	Title: Rail Maintenance Facilities							Complete:
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Facility:	PRIIA	50/0/50		5,154 e	17,451 e	17,505 e			46,264 e	86,374
From:	Section 5307	53/0/47	13,491 e							
To:										Total Funds: 86,374

Description: Provides funds for the construction and/or replacement of rail maintenance facilities.

TIP ID: 5638	Agency ID:	Title: Maintenance of Bus and Rail Facilities							Complete:
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Facility:	Section 5309	50/0/50		3,200 e	2,672 e	4,370 e	2,097 e	4,756 e	4,243 e	21,338
From:	Section 5309.	67/0/33	11,438 e							
To:										Total Funds: 21,338

Description: Provides funds for upgrades, rehabilitation, and/or replacement of other maintenance facilities and equipment.

**WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY
TRANSPORTATION IMPROVEMENT PROGRAM
CAPITAL COSTS (in \$1,000)**

FINAL DRAFT

		Source	Fed/St/Loc	Previous Funding	FY 11	FY 12	FY 13	FY 14	FY 15	FY 16	Source Total
TIP ID: 5637	Agency ID:	Title: Environmental Compliance Projects								Complete:	
Facility:		Local	0/0/100		2,758 e						2,758
From:		Section 5307	50/0/50			5,061 e	3,222 e	3,159 e	1,775 e	3,746 e	16,963
To:											Total Funds: 19,721

Description: Provides funds for upgrades and/or replacements required to comply with regulatory requirements or directives.

TIP ID: 5636	Agency ID:	Title: Rehabilitation and Replacement of Bus Garages								Complete:	
Facility:		Section 5307	80/0/20		32,861 e		114,657 e	24,156 e			171,674
From:		Section 5307,	60/0/40	15,525 e							
To:		Section 5307.	61/0/39			91,759 e					91,759
											Total Funds: 263,433

Description: Provides funds for upgrades, rehabilitation, and/or replacement of bus garages and maintenance facilities.

TIP ID: 5635	Agency ID:	Title: Maintenance of Bus Garages								Complete:	
Facility:		PRIIA	50/0/50		18,879 e	25,739 e	31,052 e				75,670
From:		Section 5307	50/0/50					32,237 e	19,800 e	17,250 e	69,287
To:											Total Funds: 144,957

Description: Provides funds for the maintenance and/or rehabilitation bus garages/maintenance facilities.

TIP ID: 5639	Agency ID:	Title: Maintenance of Rail Yards								Complete:	
Facility:		PRIIA	50/0/50			24,761 e	29,777 e	41,770 e	32,776 e	26,671 e	155,755
From:											Total Funds: 155,755
To:											

Description: Provides funds for the maintenance and/or rehabilitation of rail maintenance yards.

TIP ID: 5816	Agency ID:	Title: Expansion of Bus Garages								Complete:	
Facility:		Section 5307	50/0/50			6,159 e	7,208 e	9,431 e		22,802 e	45,600
From:		Section 5307.	80/0/20		4,655 e						4,655
To:											Total Funds: 50,255

Description: Provides funds for the expansion of existing bus garages/maintenance facilities and/or construction of new garages/maintenance facilities.

**WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY
TRANSPORTATION IMPROVEMENT PROGRAM
CAPITAL COSTS (in \$1,000)**

FINAL DRAFT

	Source	Fed/St/Loc	Previous Funding	FY 11	FY 12	FY 13	FY 14	FY 15	FY 16	Source Total
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Other Facilities

TIP ID: 5814	Agency ID:	Title: Business Support Facilities								Complete:
Facility:		Section 5307	80/0/20	625 e						625
From:		Section 5309	50/0/50		1,540 e	1,500 e	507 e	409 e	264 e	4,220
To:		Section 5309.	80/0/20	2,949 e						2,949
										Total Funds: 7,794

Description: Provides funding for facilities that support business operations functions.

TIP ID: 5644	Agency ID:	Title: MTPD Support Facilities								Complete:
Facility:		PRIIA	50/0/50	2,126 e						2,126
From:		Section 5307	80/0/20			21,353 e	885 e			22,238
To:		Section 5309	50/0/50		4,150 e					4,150
										Total Funds: 28,514

Description: Provides funds for the upgrade, rehabilitation, and/or MTPD facilities and other such facilities.

Other/ Federal Earmarks

TIP ID: 5781	Agency ID:	Title: Bus Enhancements								Complete:
Facility:		Section 5309-B	80/0/20	839 e						839
From:										Total Funds: 839
To:										

Description: WMATA Bus Safety Initiatives federal earmarks, E2008-BUSP-0938 and E2009-BUSP-450.

TIP ID: 5782	Agency ID:	Title: Bus Facilities								Complete:
Facility:		Section 5309-B	80/0/20	1,400 e						1,400
From:										Total Funds: 1,400
To:										

Description: WMATA Bus and Bus Facility federal earmark, E2008-BUSP-7111.

Passenger Facilities

TIP ID: 5649	Agency ID:	Title: Maintenance of Rail Station Facilities								Complete:
Facility:		Local	0/0/100	7,759 e						7,759
From:		Section 5309	50/0/50	43,957 e	38,042 e	17,227 e	8,089 e	8,153 e	8,358 e	123,826
To:		Section 5309.	60/0/40	25,773 e						
										Total Funds: 131,585

Description: Provides funds for the upgrade, rehabilitation, and/or replacement of station area components.

**WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY
TRANSPORTATION IMPROVEMENT PROGRAM
CAPITAL COSTS (in \$1,000)**

FINAL DRAFT

		Source	Fed/St/Loc	Previous Funding	FY 11	FY 12	FY 13	FY 14	FY 15	FY 16	Source Total
TIP ID: 5648	Agency ID:	Title: Rail Station Capacity/ Enhancements								Complete:	
Facility:		Section 5307	50/0/50			1,027 e	1,030 e	1,033 e	1,542 e	14,673 e	19,305
From:		Section 5307.	80/0/20		515 e						515
To:											Total Funds: 19,820

Description: Provides funds to expand the capacity of rail stations, improve passenger access and protect exposed assets.

TIP ID: 5647	Agency ID:	Title: Elevator/ Escalator Facilities								Complete:	
Facility:		PRIIA	50/0/50		7,319 e	4,540 e	4,715 e	4,636 e	4,540 e	4,569 e	30,319
From:		Section 5309	50/0/50		4,330 e	12,090 e	14,128 e	15,302 e	16,330 e	12,189 e	74,369
To:		Section 5309.	60/0/40	13,978 e							Total Funds: 104,688

Description: Provides funds for rehabilitation of elevator and escalators and expansion of elevator capacity.

TIP ID: 5646	Agency ID:	Title: Bus Priority Corridor Improvements								Complete:	
Facility:		Local	0/0/100	5,349 e							
From:		Section 5307	50/0/50			2,053 e	2,059 e	2,066 e	2,056 e	6,168 e	14,402
To:		Section 5307.	80/0/20		2,062 e						Total Funds: 16,464

Description: Provides funds for bus stops, runningway enhancements, street operations management and safety strategies to produce more reliable bus service.

TIP ID: 5645	Agency ID:	Title: Bicycle & Pedestrian Facilities								Complete:	
Facility:		Section 5307	50/0/50			1,488 e	1,559 e	1,633 e	1,716 e	1,801 e	8,197
From:		Section 5307.	80/0/20		1,433 e						1,433
To:											Total Funds: 9,630

Description: Provides funds for rehabilitation, replacement, and expansion of bicycle and pedestrian facilities.

TIP ID: 5815	Agency ID:	Title: Rail Station Equipment								Complete:	
Facility:		PRIIA	50/0/50		914 e						914
From:		Section 5307	50/0/50							67 e	67
To:											Total Funds: 981

Description: Provides funding for the purchase of equipment to be used in rail stations, including police emergency management equipment and other related items.

**WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY
TRANSPORTATION IMPROVEMENT PROGRAM
CAPITAL COSTS (in \$1,000)**

FINAL DRAFT

	Source	Fed/St/Loc	Previous Funding	FY 11	FY 12	FY 13	FY 14	FY 15	FY 16	Source Total
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Project Management and Support

TIP ID: 2725	Agency ID:	Title: Credit Facility								Complete: 2016
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Facility:	Local	0/0/100	12,689 e	5,000 e	6,000 e	6,000 e	6,000 e	6,500 e	6,500 e	36,000
From:										Total Funds: 36,000
To:										

Description: Provides funds for project administration and related expenses in support of the capital program.

Rail System Infrastructure Rehabilitation

TIP ID: 5774	Agency ID:	Title: Rail Line Segment Rehabilitation								Complete:
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Facility:	PRIIA	50/0/50		34,546 e	60,416 e	59,548 e	98,786 e	80,118 e	68,457 e	401,871
From:	Section 5309	50/0/50			65,480 e	54,549 e	70,208 e	51,405 e	51,404 e	293,046
To:	Section 5309.	63/0/37		57,010 e						57,010

Total Funds: 751,927

Description: Rehabilitation of segments of Metrorail system.

Systems and Technology

TIP ID: 5830	Agency ID:	Title: Power System Upgrades - Rail								Complete:
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Facility:	Section 5309	50/0/50		4,123 e		6,986 e	7,980 e	6,791 e	7,258 e	33,138
From:										Total Funds: 33,138
To:										

Description: Provides funds for the upgrade of the rail system's power supply.

TIP ID: 5836	Agency ID:	Title: Operations Support Software								Complete:
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Facility:	Local	0/0/100		9,191 e						9,191
From:	Section 5307	80/0/20		3,500 e						3,500
To:	Section 5309	50/0/50			29,872 e	30,979 e	32,466 e	43,477 e	43,158 e	179,952
	Section 5309.	80/0/20		15,715 e						15,715

Total Funds: 208,358

Description: Provides funds for the purchase and/or replacement of software that supports transit operations.

TIP ID: 5835	Agency ID:	Title: Business Support Software and Equipment								Complete:
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Facility:	Local	0/0/100		2,298 e						2,298
From:	Section 5307	80/0/20		1,750 e						1,750
To:	Section 5309	50/0/50			16,332 e	16,720 e	22,341 e	23,518 e	13,560 e	92,471
	Section 5309.	77/0/23		10,963 e						10,963

Total Funds: 107,482

Description: Provides funds for the purchase and/or replacement of software and equipment that supports the agency's mission.

**WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY
TRANSPORTATION IMPROVEMENT PROGRAM
CAPITAL COSTS (in \$1,000)**

FINAL DRAFT

		Source	Fed/St/Loc	Previous Funding	FY 11	FY 12	FY 13	FY 14	FY 15	FY 16	Source Total
TIP ID: 5831	Agency ID:	Title: Fare Equipment								Complete:	
Facility:		Section 5309	50/0/50		8,858 e	5,200 e	5,498 e	6,973 e	10,638 e	7,914 e	45,081
From:										Total Funds: 45,081	
To:											
Description: Provides funding for the purchase and/or replacement of fare equipment for the transit system.											

Track & Structures											
TIP ID: 5660	Agency ID:	Title: Track Rehabilitation								Complete:	
Facility:		PRIIA	50/0/50		56,372 e	48,343 e	48,693 e	47,147 e	49,161 e	53,747 e	303,463
From:		Section 5309	50/0/50		3,196 e						3,196
To:		Section 5309.	60/0/40	22,789 e							
Total Funds: 306,659											
Description: Provides funds to maintain and rehabilitate track infrastructure.											

TIP ID: 5661	Agency ID:	Title: Station/ Tunnel Rehabilitation								Complete:	
Facility:		Local	0/0/100	4,855 e							
From:		PRIIA	50/0/50		3,057 e	3,298 e	3,276 e	3,451 e	3,607 e	3,761 e	20,450
To:											Total Funds: 20,450
Description: Provides funds for the repair of water leaks in stations, vent shafts, air ducts, tunnels, tunnel liners, and other areas in the system.											

Vehicles/ Vehicle Parts											
TIP ID: 5818	Agency ID:	Title: Rehabilitation of Rail Cars								Complete:	
Facility:		Local	0/0/100		3,256 e	248 e					3,504
From:		PRIIA	50/0/50		44,521 e	15,020 e	14,206 e	14,544 e	14,680 e	15,919 e	118,890
To:		Section 5307	50/0/50		20,861 e	20,800 e	20,864 e	20,932 e	20,831 e	20,831 e	125,119
		Section 5309	50/0/50		4,247 e	1,111 e					5,358
Total Funds: 252,871											
Description: Provides funds for the rehabilitation of the rail fleet.											

TIP ID: 5819	Agency ID:	Title: Rail Car Fleet Expansion								Complete:	
Facility:		Local	0/0/100		8,052 e						8,052
From:		Section 5307	50/0/50			843 e	1,658 e	1,101 e	21,593 e	2,341 e	27,536
To:											Total Funds: 35,588
Description: Provides funds for the expansion of the rail fleet.											

**WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY
TRANSPORTATION IMPROVEMENT PROGRAM
CAPITAL COSTS (in \$1,000)**

FINAL DRAFT

		Source	Fed/St/Loc	Previous Funding	FY 11	FY 12	FY 13	FY 14	FY 15	FY 16	Source Total
TIP ID: 5820	Agency ID:	Title: Replacement of Buses								Complete:	
Facility:		PRIIA	50/0/50			4,300 e	16,340 e				20,640
From:		Section 5307	50/0/50		74,227 e	67,666 e	39,967 e	59,170 e	80,347 e	100,878 e	422,255
To:											Total Funds: 442,895

Description: Provides funds for the replacement of the bus fleet.

TIP ID: 5821	Agency ID:	Title: Rehabilitation of Buses								Complete:	
Facility:		PRIIA	50/0/50		1,400 e	5,000 e					6,400
From:		Section 5307	50/0/50			43,704 e	54,380 e	53,966 e	58,361 e	60,163 e	270,574
To:		Section 5307,	74/0/26		21,471 e						21,471
		Section 5307.	80/0/20		30,179 e						30,179
											Total Funds: 328,624

Description: Provides funds for the rehabilitation of the bus fleet.

TIP ID: 5822	Agency ID:	Title: Replacement of MetroAccess Vehicles								Complete:	
Facility:		Section 5307	50/0/50			12,055 e	12,202 e	10,277 e	8,571 e	10,846 e	53,951
From:		Section 5307.	80/0/20		11,428 e						11,428
To:											Total Funds: 65,379

Description: Provides funds for the replacement of the MetroAccess fleet.

TIP ID: 5823	Agency ID:	Title: Replacement of Service Vehicles								Complete:	
Facility:		Section 5307	60/0/40		2,062 e						2,062
From:		Section 5309	50/0/50			6,823 e	7,964 e	6,968 e	7,937 e	5,718 e	35,410
To:											Total Funds: 37,472

Description: Provides funds for the purchase and/or replacement of vehicles that will be used Authority-wide for various service activities.

TIP ID: 5826	Agency ID:	Title: Bus Enhancements								Complete:	
Facility:		PRIIA	50/0/50		9,419 e	19,059 e	13,530 e				42,008
From:											Total Funds: 42,008
To:											

Description: Provides funds for the purchase and/or replacement of equipment that upgrades or enhances the capabilities of the bus fleet.

TIP ID: 5817	Agency ID:	Title: Replacement of Rail Cars								Complete:	
Facility:		PRIIA	50/0/50		79,253 e	20,465 e	12,029 e	61,344 e	98,125 e	61,041 e	332,257
From:		Section 5309	50/0/50					97,187 e	253,081 e	245,378 e	595,646
To:											Total Funds: 927,903

Description: Provides funds for the replacement of the rail fleet.

**WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY
TRANSPORTATION IMPROVEMENT PROGRAM
CAPITAL COSTS (in \$1,000)**

FINAL DRAFT

		Source	Fed/St/Loc	Previous Funding	FY 11	FY 12	FY 13	FY 14	FY15	FY 16	Source Total
TIP ID: 5825	Agency ID:	Title: Bus Fleet Expansion								Complete:	
Facility:		Section 5307	80/0/20						8,687 e	8,687 e	17,374
From:									Total Funds:		17,374
To:											

Description: Provides funds for the expansion of the bus fleet.

**NATIONAL CAPITAL
REGION
TRANSPORTATION
PLANNING BOARD**

**TRANSPORTATION PLANNING BOARD
TRANSPORTATION IMPROVEMENT PROGRAM
CAPITAL COSTS (in \$1,000)**

FINAL DRAFT

Source	Fed/St/Loc	Previous Funding	FY 11	FY 12	FY 13	FY14	FY 15	FY 16	Source Total
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Human Service Transportation Coordination

JARC and New Freedom Programs

TIP ID: 5408	Agency ID:	Title: New Freedom Program	Complete: 2011						
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Facility: Section 5317 50/50/0 5,526 e 2,887 e 2,887
 From: **Total Funds: 2,887**
 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). Monies programmed above will use to fund projects that will be selected through a competitive process in late spring of 2011. Once selected, the projects will be amended as part of this description and included in the Program of Projects (POP).

TIP ID: 5407	Agency ID:	Title: Job Access and Reverse Commute (JARC) Program	Complete: 2011						
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Facility: Section 5316 50/50/0 7,539 e 3,881 e 3,881
 From: (JARC) **Total Funds: 3,881**
 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. Monies programmed above will use to fund projects that will be selected through a competitive process in late spring of 2011. Once selected, the projects will be amended as part of this description and included in the Program of Projects (POP).

Transit

TIGER – Priority Bus Transit in the National Capital Region

TIP ID: 5837	Agency ID:	Title: Takoma/Langley Park Transit Center	Complete: 2011						
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Facility: ARRA/TIGER 100/0/0 2,394 c 8,671 c 1,236 c 12,301
 From: **Total Funds: 12,301**
 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.

TIP ID: 5780	Agency ID:	Title: WMATA: Priority Bus Transit Improvements in Virginia	Complete: 2011						
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Facility: ARRA 100/0/0 1,491 c 9,780 c 9,780
 From: **Total Funds: 9,780**
 To:

Description: This project will pay for design and construction of bus shelter and pedestrian access improvements at the Pentagon and Franconia-Springfield Metrorail stations, as well as real-time bus information along VA-7 (Leesburg Pike) and at the two stations.

TIP ID: 5779	Agency ID:	Title: PRTC: Replacement Buses and CAD/AVL System	Complete: 2011						
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Facility: ARRA 100/0/0 4,524 c 4,619 c 842 c 9,985
 From: **Total Funds: 9,985**
 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.

**TRANSPORTATION PLANNING BOARD
TRANSPORTATION IMPROVEMENT PROGRAM
CAPITAL COSTS (in \$1,000)**

FINAL DRAFT

	Source	Fed/St/Loc	Previous Funding	FY 11	FY 12	FY 13	FY14	FY 15	FY 16	Source Total
TIP ID: 5778	Agency ID:		Title: City of Alexandria: Priority Bus Transit Improvements							Complete: 2011
Facility:	ARRA/TIGER	100/0/0	6 c	417 c	247 c					664
From:										Total Funds: 664
To:										
Description: This project will fund the installation of Transit Signal Priority, two queue jump lanes and two super stops along Van Dorn and Beauregard Streets.										

TIP ID: 5777	Agency ID:		Title: WMATA: Replace/Rehab Bus Stops and Shelters in Prince George's County							Complete: 2011
Facility:	ARRA/TIGER	100/0/0	8 c	123 c	69 c					192
From:										Total Funds: 192
To:										
Description: This project will refurbish or replace bus stops and shelters at the Addison Road and Southern Avenue Metrorail stations, and on Branch Avenue, Iverson Street, and Audrey Lane.										

TIP ID: 5776	Agency ID:		Title: Maryland State Highway Administration: Priority Bus Transit Enhancements							Complete:
Facility:	ARRA/TIGER	100/0/0	21 c	659 c	463 c	484 c	503 c	200 c		2,309
From:										Total Funds: 2,309
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.										

TIP ID: 5775	Agency ID:		Title: DDOT: Real-Time Bus Information (Nextbus)							Complete: 2011
Facility:	ARRA/TIGER	100/0/0	1,313 c	6,707 c	4,448 c	639 c	459 c			12,253
From:										Total Funds: 12,253
To:										
Description: This project will install real-time bus information (Nextbus) at bus stops along major regional bus corridors in the District of Columbia, including 16th Street NW, Georgia Avenue, Wisconsin Avenue, and H Street/Benning Road, as well as provide for the construction of miscellaneous curb extensions and a segment of bus-only lane on Georgia Avenue.										

TIP ID: 5789	Agency ID: ALEX0005		Title: Potomac Yard Transit Improvements in City of Alexandria (Bus Lanes Only)							Complete: 2014
Facility:	Potomac Yard Transit Improvements	ARRA/TIGER	100/0/0	75 c	208 c	2,422 c	5,803 c			8,433
From:	Monroe Avenue Bridge									Total Funds: 8,433
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.										

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 2011-2016 TRANSPORTATION IMPROVEMENT PROGRAM
Financial Summary (in \$Millions)**

Source	2011		2012		2013-2014		2015-2016		2011-2016
	Federal	Total	Federal	Total	Federal	Total	Federal	Total	
Title I - FHWA									
Bridge Replacement and Rehabilitation Program	20.07	25.09	19.65	24.57	117.00	146.26	82.87	103.59	299.50
Congestion Mitigation and Air Quality Improvement Program	14.32	17.90	5.70	7.13	13.09	16.37	3.81	4.76	46.15
Earmark	56.73	67.63	104.43	120.09	514.16	621.16	132.68	159.40	968.28
Federal Appropriations	25.70	43.30	3.76	4.70	36.00	36.00	43.00	43.00	127.00
Interstate Maintenance	1.21	1.52	1.15	1.44	0.63	0.79	1.80	2.25	5.99
National Highway System	30.35	37.13	23.97	29.68	53.71	66.21	61.51	76.09	209.11
Revenue Aligned Budget Authority	3.80	3.80							3.80
Safe Routes to School Program	0.50	0.50	0.50	0.50	1.00	1.00	1.00	1.00	3.00
State Planning & Research Program	5.47	6.83	5.60	7.00	11.60	14.50	12.07	15.09	43.43
Surface Transportation Program	74.12	89.74	82.12	100.17	138.77	170.06	131.89	161.27	521.24
Enhancements (STP)	1.84	2.30	1.84	2.30	3.68	4.60	3.68	4.60	13.80
Highway Safety Improvement Program (STP)	7.73	8.66	5.05	5.67	14.32	15.97	13.24	14.71	45.01
Title I - FHWA Total:	241.84	304.40	253.78	303.23	903.98	1,092.91	487.55	585.76	2,286.31
Title III - FTA									
Section 5309	0.48	0.48	0.48	0.48	0.95	0.95	0.95	0.95	2.85
Section 5310	0.31	0.39	0.33	0.41	0.71	0.88	0.78	0.97	2.65
Title III - FTA Total:	0.79	0.87	0.80	0.89	1.66	1.83	1.73	1.92	5.50
State/Local									
Bond		145.42		111.62		234.44		245.34	736.81
Local Funds		68.85		68.99		139.18		113.38	390.40
State/Local Total:		214.27		180.61		373.62		358.72	1,127.21
Other									
Congestion Relief Project							0.61	0.77	0.77
Federal Lands Highway Program	3.60	3.60	1.20	1.20					
National Recreational Trails Funding Program	1.68	2.10	3.44	4.30	2.08	2.60	0.48	0.60	
Private Developer		5.00		5.00		100.00		100.00	
Proffers	0.50	0.50							
Public Lands	2.31	2.89	2.36	2.95	4.47	5.59	4.28	5.35	16.78
Special Project	6.14	7.68	4.08	5.10	4.16	5.20	0.16	0.20	18.18
Other Total:	14.24	21.77	11.08	18.55	10.71	113.39	5.53	106.91	260.62
Grand Total:	256.86	541.30	265.66	503.28	916.35	1,581.75	494.81	1,053.32	3,679.65

**Table 1B
DISTRICT OF COLUMBIA
FY 2011-2016 TRANSPORTATION IMPROVEMENT PROGRAM
Financial Summary (in \$Millions)**

Project Type	2011		2012		2013-2014		2015-2016		2011-2016	
	Federal	Total	Federal	Total	Federal	Total	Federal	Total	Federal	Total
Interstate		5.00		5.00		100.00		100.00		210.00
Primary	27.88	30.41	56.56	59.53	94.18	96.18	69.10	79.92	247.72	266.04
Secondary	0.32	0.40	0.32	0.40	0.64	0.81	0.69	0.86	1.97	2.47
Bridge	75.18	94.37	84.43	105.93	536.35	671.22	181.81	233.05	877.77	1,104.57
Surface Transportation:	103.38	130.18	141.31	170.86	631.17	868.20	251.59	413.83	1,127.46	1,583.08
Transit:	28.15	191.66	3.04	115.30	40.86	276.27	44.73	285.26	116.77	868.49
Bike/Ped:	12.44	17.05	22.70	29.87	38.75	53.44	1.28	6.60	75.17	106.96
CMAQ										
Enhancement	1.84	2.30	5.36	6.70	3.68	4.60	3.68	4.60	14.56	18.20
ITS	7.28	8.77	6.77	8.16	23.08	27.81	24.16	29.11	61.29	73.85
Maintenance		10.15		10.58		20.76		20.57		62.06
Other	95.56	171.82	76.83	149.68	150.03	294.58	130.03	244.05	452.44	860.14
TERMs	8.21	9.37	9.65	12.12	28.78	36.09	39.34	49.28	85.99	106.86
CMAQ, TERMs, Enhancements, ITS, and Other:	112.89	202.41	98.61	187.24	205.57	383.84	197.21	347.62	614.28	1,121.11
Total Funds:	256.86	541.30	265.66	503.28	916.35	1,581.75	494.81	1,053.31	1,933.68	3,679.64

Table 2A
MARYLAND
FY 2011-2016 TRANSPORTATION IMPROVEMENT PROGRAM
Financial Summary by Funding Source (in \$ Millions)

Source	2011		2012		2013-2014		2015-2016		2011-2016
	Federal	Total	Federal	Total	Federal	Total	Federal	Total	
Title I - FHWA									
American Recovery and Reinvestment Act	30.28	30.28	8.92	8.92	2.55	2.55			41.75
Bridge Replacement and Rehabilitation Program	27.31	34.14	29.17	36.47	48.84	61.05			131.66
Congestion Mitigation and Air Quality Improvement Program	11.45	17.81	20.79	25.73	11.26	13.59	0.88	0.88	58.01
Interstate Maintenance	7.64	8.49	9.48	10.53	34.29	38.10			57.12
National Highway System	96.03	98.13	96.21	98.40	202.63	209.56	89.85	90.45	496.54
Surface Transportation Program	63.92	89.19	42.54	58.80	123.86	160.67	15.51	21.26	329.92
Highway Safety Improvement Program (STP)	5.33	5.92	5.33	5.92	15.98	17.76			29.60
<i>Title I - FHWA Total:</i>	241.96	283.96	212.44	244.76	439.42	503.29	106.24	112.60	1,144.60
Title III - FTA									
Section 5307	4.54	7.09	3.36	5.60	6.31	10.71	2.52	4.55	27.95
Section 5309	1.62	2.03	4.44	5.55	0.72	0.90			8.48
Section 5311	0.52	1.03	0.52	1.03	1.03	2.06	0.52	1.03	5.16
<i>Title III - FTA Total:</i>	6.68	10.15	8.32	12.19	8.07	13.67	3.03	5.58	41.60
State/Local Funds									
State Only		21.33		2.81		5.66		2.961	32.75
State/Local Combo		13.48		2.00					15.48
<i>State/Local Total:</i>		34.81		4.81		5.66		2.96	48.23
Other Funds									
Grant Anticipation Revenue Vehicles (Bonds)	587.17	587.17	157.45	157.45	7.23	7.23			751.85
High Priority Project	9.52	11.90	2.75	3.44	2.17	2.72			18.06
Private Developer		5.00		10.00					15.00
Special Project			0.03	0.04					0.04
Toll Financing						4.78			4.78
<i>Other Total:</i>	596.68	604.06	160.24	170.93	9.40	14.73	0.00	0.00	789.72
<i>MDOT Total:</i>	845.33	932.98	380.99	432.69	456.90	537.34	109.28	121.14	2,024.15
County Projects									
American Recovery and Reinvestment Act	1.62	1.62							
Bridge Replacement and Rehabilitation Program	4.46	5.57	11.94	15.03	14.23	17.79	5.22	6.77	45.16
Federal Appropriations	0.34	0.34							
State/Local		8.16		7.88		18.32		1.08	35.44
Local Funds		154.85		154.57		180.66		55.03	545.11
Private Developer		5.20		4.00		1.00			10.20
<i>Maryland County Total:</i>	6.42	175.75	11.94	181.48	14.23	217.76	5.22	62.88	637.87
<i>Maryland Total:</i>	851.75	1,108.72	392.93	614.17	471.12	755.11	114.50	184.02	2,662.02

Table 2B
MARYLAND
FY 2011-2016 TRANSPORTATION IMPROVEMENT PROGRAM
Financial Summary (in \$ Millions)

Project Type	2011		2012		2013-2014		2015-2016		2011-2016	
	Federal	Total	Federal	Total	Federal	Total	Federal	Total	Federal	Total
MDOT - SHA/MTA/MdTA										
Interstate	12.77	15.67	14.91	18.60	12.06	13.42			39.74	47.70
Primary	698.80	713.22	252.07	260.87	185.79	191.48	89.85	90.45	1,226.51	1,256.01
Secondary	18.12	22.65	7.77	14.71	9.91	12.39	13.01	16.26	48.80	66.00
Bridge										
Surface Transportation:	729.69	751.54	274.74	294.18	207.76	217.28	102.86	106.72	1,315.06	1,369.71
Transit:	16.17	54.32	11.20	15.57	13.83	20.43	3.91	6.47	45.10	96.79
Other	99.33	124.41	94.90	119.99	235.14	293.80	2.50	5.00	431.86	543.20
TERMs	0.15	2.71	0.15	2.96	0.17	5.83		2.96	0.47	14.45
TERMs and Other:	99.48	127.12	95.05	122.95	235.31	299.63	2.50	7.96	432.33	557.65
Total Funds (MDOT):	845.33	932.98	380.99	432.69	456.90	537.34	109.28	121.14	1,792.49	2,024.15
Frederick, Montgomery & Prince George's Counties										
Primary		1.95		0.50		9.70		7.56		19.71
Secondary	0.19	77.96	2.91	61.97	1.30	49.73		15.22	4.40	204.87
Urban				3.40						3.40
Bridge	4.60	8.79	9.03	12.00	12.93	17.56	5.22	7.26	31.79	45.62
Surface Transportation:	4.79	88.71	11.94	77.87	14.23	76.99	5.22	30.04	36.18	273.60
Transit:	0.00	4.85	0.00	3.77	0.00	50.01	0.00	1.50	0.00	60.12
Bike/Ped:	0.00	15.99	0.00	6.77	0.00	14.60	0.00	2.86	0.00	40.21
ITS		7.31		7.03		12.74			0.00	27.09
Enhancements						4.98				
Maintenance		8.15		10.21		31.85		28.49	0.00	78.70
Other	1.62	50.75		75.84		26.61			1.62	153.19
Enhancements, ITS and Other:	1.62	66.21	0.00	93.08	0.00	76.17	0.00	28.49	1.62	263.95
Total Funds (Counties):	6.42	175.75	11.94	181.48	14.23	217.76	5.22	62.88	37.81	637.87
Total Funds (Maryland):	851.75	1,108.72	392.93	614.17	471.12	755.11	114.50	184.02	1,830.30	2,662.02

11/17/2010

**Table 3A
VIRGINIA
FY 2011-2016 TRANSPORTATION IMPROVEMENT PROGRAM
Financial Summary by Funding Source (in \$ Millions)**

Source	2011		2012		2013-2014		2015-2016		2011-2016
	Federal	Total	Federal	Total	Federal	Total	Federal	Total	Total
Title I - FHWA									
Bridge Replacement and Rehabilitation Program	49.30	61.63	59.27	74.09					135.72
Congestion Mitigation and Air Quality Improvement Program	7.48	9.35	0.08	0.11					9.46
Equity Balance/Minimum Guarantee	1.15	13.36	5.93	7.41					20.77
Interstate Maintenance	47.92	53.25	51.25	56.95	0.48	0.54			110.73
National Highway System	79.49	99.36	88.42	110.52					209.88
Regional Surface Transportation Program	7.62	9.53	1.73	2.16					11.69
Surface Transportation Program	81.36	97.98	69.09	84.74	21.39	26.73	23.13	28.91	238.37
Enhancements (STP)	18.13	22.67	18.45	23.06					45.73
<i>Title I - FHWA Total:</i>	<u>292.46</u>	<u>367.12</u>	<u>294.22</u>	<u>359.03</u>	<u>21.87</u>	<u>27.27</u>	<u>23.13</u>	<u>28.91</u>	<u>782.34</u>
Title III - FTA									
ARRA/Rail	18.71	18.71	56.13	56.13					74.84
ARRA/Section 5309 - New Starts							15.52	15.52	15.52
Section 5307	10.45	13.06	10.10	12.62	20.71	25.88	13.86	17.33	68.89
Section 5309	6.13	7.67	4.02	5.02	9.36	11.70	6.66	8.33	32.72
Section 5309 - Bus	0.80	1.00							1.00
Section 5309 - Fixed Guideway	96.00	96.00	96.00	96.00	192.00	192.00	96.00	96.00	480.00
Section 5309 - New Starts	6.33	7.91	4.65	5.81	10.21	12.76	5.89	7.36	33.84
<i>Title III - FTA Total:</i>	<u>138.41</u>	<u>144.34</u>	<u>170.90</u>	<u>175.59</u>	<u>232.27</u>	<u>242.34</u>	<u>137.93</u>	<u>144.53</u>	<u>706.81</u>
State/Local Funds									
Bond		30.50		1.44					31.93
Local Funds		655.87		725.54		1,642.65		1,474.61	4,498.67
State Funds				3.10					3.10
Tax District		27.46		134.53		223.88			385.87
<i>State/Local Total:</i>		<u>713.83</u>		<u>864.61</u>		<u>1,866.53</u>		<u>1,474.61</u>	<u>4,919.57</u>
Other Funds									
Advanced Construction	103.44	129.30	33.73	35.15					164.45
Advanced Construction Conversion	57.09	69.49	44.03	52.98					122.47
Demonstration Project	1.32	1.35	2.48	3.10					4.45
Federal Earmark	22.33	27.75	2.08	2.60					30.35
Transportation Infrastructure Finance and Innovation Act	187.65	187.65	203.77	203.77					391.43
<i>Other Total:</i>	<u>371.84</u>	<u>415.55</u>	<u>286.10</u>	<u>297.61</u>					<u>713.15</u>
<i>Virginia Total:</i>	<u>802.71</u>	<u>1,640.84</u>	<u>751.22</u>	<u>1,696.84</u>	<u>254.14</u>	<u>2,136.14</u>	<u>161.06</u>	<u>1,648.05</u>	<u>7,121.87</u>

Table 3B
VIRGINIA
FY 2011-2016 TRANSPORTATION IMPROVEMENT PROGRAM
Financial Summary (in Millions of Dollars)

Project Type	2011		2012		2013-2014		2015-2016		2011-2016	
	Federal	Total	Federal	Total	Federal	Total	Federal	Total	Federal	Total
Interstate	363.69	402.37	288.11	303.40					651.80	705.78
Primary	22.93	71.74	29.14	36.42					52.07	108.16
Secondary	28.41	40.01	33.03	37.72		3.50			61.44	81.23
Urban	0.50	0.63	0.60	0.75					1.10	1.38
Bridge	49.80	62.25	60.09	78.22					109.90	140.47
Surface Transportation:	465.34	577.01	410.97	456.51	0.00	3.50	0.00	0.00	876.31	1,037.02
Transit:	181.04	871.84	191.75	1,058.10	253.66	2,132.11	161.06	1,648.05	787.52	5,710.10
Bike/Ped:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Enhancement	18.65	23.31	18.79	23.49					37.43	46.79
ITS	32.15	40.18	33.43	41.79					65.58	81.98
Maintenance	84.15	102.18	87.50	106.14					171.65	208.32
Other	21.38	26.33	8.77	10.81	0.48	0.54			30.64	37.67
Enhancements, ITS, Maintenance and Other:	156.32	192.00	148.49	182.23	0.48	0.54	0.00	0.00	305.30	374.76
Total Funds:	802.71	1,640.84	751.22	1,696.84	254.14	2,136.14	161.06	1,648.05	1,969.13	7,121.87

Table 4A
Washington Metropolitan Area Transit Authority
FY 2011-2016 TRANSPORTATION IMPROVEMENT PROGRAM
Financial Summary (in \$ Millions)

Source	2011		2012		2013-2014		2015-2016		2011-2016
	Federal	Total	Federal	Total	Federal	Total	Federal	Total	
Title III - FTA									
Section 5307	138.06	210.36	137.83	255.47	301.49	506.35	256.27	502.13	1,474.30
Section 5309	95.66	159.38	92.07	184.15	215.78	431.55	413.84	827.68	1,602.76
Section 5309-Bus	1.79	2.24							
Passenger Rail Investment and Improvement Act of 2008	149.99	299.98	149.98	299.96	299.99	599.98	300.00	600.00	1,799.92
<i>Title III - FTA Total:</i>	<u>385.50</u>	<u>671.96</u>	<u>379.88</u>	<u>739.57</u>	<u>817.26</u>	<u>1,537.88</u>	<u>970.11</u>	<u>1,929.80</u>	4,879.21
State/Local									
Local Funds		38.88		10.26		13.90		13.00	76.04
<i>State/Local Total:</i>	<u>0.00</u>	<u>38.88</u>	<u>0.00</u>	<u>10.26</u>	<u>0.00</u>	<u>13.90</u>	<u>0.00</u>	<u>13.00</u>	76.04
Grand Total:	385.50	710.84	379.88	749.83	817.26	1,551.78	970.11	1,942.80	4,955.25

Table 4B
WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY
FY 2011-2016 TRANSPORTATION IMPROVEMENT PROGRAM
Financial Summary (in \$ Millions)

Project Type	2011		2012		2013-2014		2015-2016		2011-2016	
	Federal	Total	Federal	Total	Federal	Total	Federal	Total	Federal	Total
Transit:	385.50	710.84	379.88	749.83	817.26	1,551.78	970.11	1,942.80	2,552.75	4,955.25

**Table 5
National Capital Region Transportation Planning Board
FY 2011-2016 TRANSPORTATION IMPROVEMENT PROGRAM
Financial Summary (in \$ Millions)**

Source	2011		2012		2013-2014		2015-2016		2011-2016
	Federal	Total	Federal	Total	Federal	Total	Federal	Total	
Title III - FTA									
Section 5316 - JARC	1,940.00	3,881.00							3,881.00
Section 5317 - New Freedom	1,443.00	2,887.00							2,887.00
ARRA/TIGER	22,418.00	22,418.00	14,662.00	14,662.00	18,637.00	18,637.00	200.00	200.00	55,917.00
<i>Title III - FTA Total:</i>	<u>25,801.00</u>	<u>29,186.00</u>	<u>14,662.00</u>	<u>14,662.00</u>	<u>18,637.00</u>	<u>18,637.00</u>	<u>200.00</u>	<u>200.00</u>	62,685.00

BICYCLE AND PEDESTRIAN PROJECT INFORMATION IN THE TIP

The following table summarizes the funding shown in tables 1B, 2B and 3B showing what the implementing agencies have programmed on projects that are identified specifically for bicyclists and/or pedestrians.

Funding for Bike/Ped Projects in the FY 2011-2016 TIP (in \$1,000s)


	2011	2012	2013-2014	2015-2016	2011-2016
District of Columbia (9 projects):	17.05	29.87	53.44	6.60	106.96
Maryland (10 projects):	15.99	6.77	14.60	2.86	40.21
Virginia (0 projects):	0.00	0.00	0.00	0.00	0.00

MDOT and VDOT typically do not program federal funds on projects that are exclusively bicycle and/or pedestrian facilities*. These facilities are usually implemented by local agencies and paid for with state and local funds. Only projects that use federal funds and are “regionally significant” are required to be in the TIP. Some local agencies do include bicycle and pedestrian projects for informational purposes. For instance, the ten Maryland projects in the table above are submitted by local jurisdictions.

TIP Projects that Include Bicycle and/or Pedestrian Accommodations

The CLRP project description form submitted by each agency asks if each project “includes bicycle or pedestrian accommodations.” For the first time, this data has been analyzed to determine how many of the associated projects in the TIP include bicycle or pedestrian elements. The following table summarizes the number of projects in the TIP that include bicycle/pedestrian accommodations in each jurisdiction.

Project Type	Number of Projects	Projects w/ Bike/Ped Accommodations
Road 171		108
Transit 102		14
Enhancements, ITS, TERMS, etc.	76 32	

A listing of these projects is included on the following page. These projects have also been noted with a  symbol next to the description in the TIP tables.

* VDOT’s portion of the TIP also includes Appendix A, with more than 300 projects that are grouped and eligible to receive federal funds. Approximately 60 of the projects in this appendix have been identified as being bicycle and/or pedestrian oriented.

Listings of TIP IDs for Projects that Include Bicycle and/or Pedestrian Accommodations

District of Columbia

2633	2699	2768	2806	2905	2927	2939	3181	3193	3202
3203	3210	3242	3243	3246	3290	3308	3423	3459	3505
3512	4917	5295	5298	5316	5332	5333	5334	5337	5338
5342	5346	5353	5432	5433	5440	5554			

Suburban Maryland

2596	2710	2713	2795	2804	2861	2898	3037	3038	3043
3047	3051	3052	3057	3061	3063	3065	3068	3081	3082
3083	3084	3085	3091	3092	3095	3101	3104	3110	3111
3122	3123	3136	3150	3157	3159	3165	3166	3174	3282
3357	3377	3407	3429	3446	3468	3469	3476	3498	3529
3540	3554	3693	3703	4879	4882	4887	4890	4891	4893
4895	4912	5258	5259	5419	5425	5494	5527	5555	5564
5565									

Northern Virginia

3947	3952	3964	3984	4010	4025	4034	4051	4079	4096
4128	4145	4190	4212	4272	4282	4303	4310	4344	4354
4364	4400	4461	4467	4529	4545	4637	4684	4712	4794
4877	4922	5035	5098	5104	5167	5257	5303	5304	5386
5389	5390	5391	5392	5393	5394	5473	5479	5480	5493
5532	5684	5699							

VII

KEY TO CODES

PROGRAM CODES AND ABBREVIATIONS

(1) CODES FOR PROJECT PHASE

To be used in the Phase Column of Table 1 and 2.

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	.....	e

(2) ABBREVIATIONS FOR SOURCE OF FUNDS

To be used in the Funding Source Column of Tables 1, 2 and 3.

Identification of the funding source is for programming purposes only, and does not necessarily represent approval from the appropriate federal agency.

TITLE	I
BR, BH	Bridge Replacement and Rehabilitation Program
CMAQ	Congestion Mitigation and Air Quality Improvement Program
CRP	Congestion Relief Project
DEMO	Demonstration
DEMO (HPD)	High Priority Demonstration
Earmark	Federal Earmark
FA	Federal Appropriations
FLHP	Federal Lands Highway Program
FRANS	Federal Reimbursement Anticipatory Notes
HES/STP (STP-HES)	Hazard Elimination Safety Improvement Program
HPD	High Priority Demonstration
HSIP	Highway Safety Improvement Program (STP)
IC	Interstate Completion
IM	Interstate Maintenance
IVHS	Intelligent Vehicle Highway System
NHS	National Highway System
NPS	National Park Service
NRT	National Recreational Trails
PTF-NHS (NHS-PTF)	NHS funds allocated prior to District
RABA	Revenue Aligned Budget Authority (RABA) funds for FY 2008
RSTP	Regional Surface Transportation Program
SP	Special Project
SPR-PL	State Planning & Research-Metropolitan Planning
SRTS	Safe Routes to School Program
STP	Surface Transportation Program
STP-ENH	Enhancement
STP-HES	Hazard Elimination Safety
STP-OC	Open Container

FTA TITLE III

	HSR-Sec 130	High Speed Rail – Section 130
	NCTA.....	Metrorail funding under PL 101-551 (National Capital Transportation Act)
	Section 4(i)	Innovative Techniques & Methods Grant
	Section 3037 (5316).....	Job Access and Reverse Commute Program (JARC)
Section	5303	Planning Program
	Section 5307	Block Grant Program
	Section 5309	Capital Grant
	Section 5309 FG	Fixed Guideway
	Section 5309 NS	
	Section 5310(b)(1).....	Capital Grant to Public Agencies for Elderly Persons and Persons with Disabilities
	Section 5310(b)(2).....	Capital Grant to Private Non-Profit Agencies for Elderly Persons and Persons with Disabilities
	Section 5311	Non-Urbanized Area Formula Program
	Section 5313/5314	Planning and Research Program
	Section 5317	New Freedom Program
	Section 5333(b).....	Labor Protection Certifications
	Section 6	Demonstration Grant
	SH	Metrorail funding under PL 96-184 (Stark-Harris)
TIIF	.....	Transit Infrastructure Investment Fund

OTHER SOURCES

	AC, AC Conversion	Advance Construction, Conversion
	Bond, BD	State/local Bond
	FBE	Fair Box Escrow
	Gravee.....	Grant Anticipation revenue Vehicles (Bonds)
	HPP	High Priority TEA-21
	ISTEA Demo	ISTEA Demonstration Funds
	ITS.....	Intelligent transportation Systems Funding
	Local	Local Funds
	P	Proffers
	PL	Public Lands
	PPTA.....	Public-Private Transportation Act
	PRIV	Private Developer
	OC	Open Container
	REVSH	Revenue Sharing
	SR	Surplus Toll Revenues
	State	State Funds
	TD.....	Tax District
TF	.....	Toll Financing
WWB/HP	.....	Woodrow Wilson Bridge/High Priority

(3) ABBREVIATIONS FOR IMPLEMENTING AGENCIES

NPS	National Park Service
FHWA	Federal Highway Administration
DDOT	District of Columbia Department of Transportation
MDOT	Maryland Department of Transportation
FDC	Frederick County
MCDOT	Montgomery County Department of Transportation
MNCPPC	Maryland-National Capital Park & Planning Commission
PGCPWT	Prince George's County Public Works & Transportation
VDOT	Virginia Department of Transportation
ACDPW	Arlington County Department of Public Works
FCDOT	Fairfax County Department of Transportation
LCDTS	Loudoun County Department of Transportation Services
NVTC	Northern Virginia Transportation Commission
PRTC	Potomac & Rappahannock Transportation Commission
PWCDPW	Prince William County Department of Public Works
PRIV	Private
WMATA	Washington Metropolitan Area Transit Authority