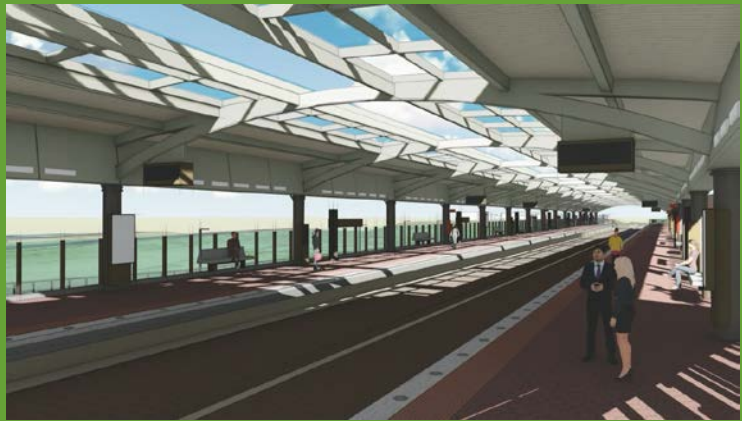


FY 2021-2024 TRANSPORTATION IMPROVEMENT PROGRAM

for the National Capital Region

DRAFT FOR TPB APPROVAL

MARCH 18, 2020



DRAFT FY 2021–2024 TRANSPORTATION IMPROVEMENT PROGRAM

Scheduled to be adopted by the Transportation Planning Board on March 18, 2020

ABOUT THE TPB

The National Capital Region Transportation Planning Board (TPB) is the federally designated metropolitan planning organization (MPO) for metropolitan Washington. It is responsible for developing and carrying out a continuing, cooperative, and comprehensive transportation planning process in the metropolitan area. Members of the TPB include representatives of the transportation agencies of the states of Maryland and Virginia and the District of Columbia, 23 local governments, the Washington Metropolitan Area Transit Authority, the Maryland and Virginia General Assemblies, and nonvoting members from the Metropolitan Washington Airports Authority and federal agencies. The TPB is staffed by the Department of Transportation Planning at the Metropolitan Washington Council of Governments (COG).

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.

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This document makes multiple references to its own appendices and to the appendices of the Visualize 2045 plan document. For clarification purposes:

- **References to sections, tables, and appendices of the FY 2021–2024 TIP document are in bold blue type, and**
- *References to the Visualize 2045 document appendices are in green, italicized type.*

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1. INTRODUCTION

What is a Transportation Improvement Program?

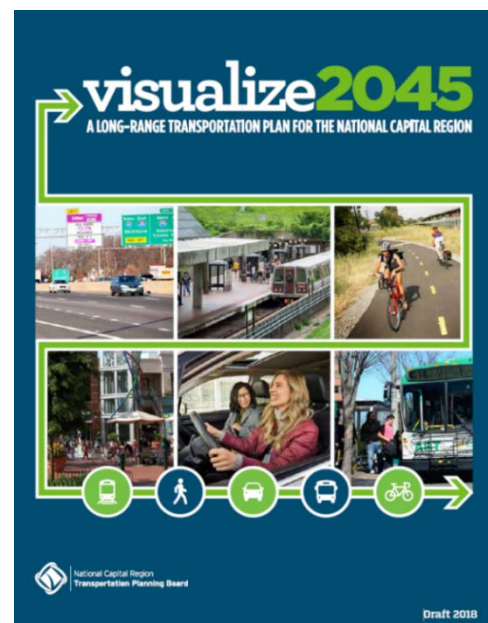
The Transportation Improvement Program (TIP) is a federal obligation document which describes the planned schedule in the next four years for distributing federal, state and local funds for state and local transportation projects. The TIP represents an agency's intent to construct or implement specific projects in the short term and identifies the anticipated flow of federal funds and matching state or local contributions. It is a multimodal list of projects that includes highway projects, rail, bus and streetcar projects, and bicycle and pedestrian improvements. It also includes roadway and transit maintenance projects, operational programs, and many other transportation-related activities. The TPB's FY 2021–2024 TIP contains over 300 project records and more than \$15 billion in funding across the region. The TIP is a dynamic budget document and is amended and modified on a weekly/monthly basis.

The Transportation Improvement Program and Visualize 2045

Visualize 2045 is the federally required long-range transportation plan for the National Capital Region. It identifies all regionally significant transportation investments planned through 2045 in the financially constrained element. It also includes an aspirational element to show projects not yet funded and to highlight the TPB's seven aspirational initiatives showing what the region aspires to do. Visualize 2045 also provides detailed analysis to help decision-makers and the public "visualize" the future.

Visualize 2045 and the TIP were developed according to the provisions of the metropolitan planning regulation of record in October 2017. The TPB has determined that Visualize 2045 and the FY 2021–2024 TIP are financially constrained and meet the federal requirements to demonstrate that the proposed project costs are consistent with the available and committed projected sources of transportation revenues and the existing transportation system has been demonstrated to be adequately operated and maintained.

As a product of the metropolitan transportation planning process, the TIP outlines the staged development of Visualize 2045 with priority projects selected for programming by the states and the transit agencies presented in the first and second year of the four-year program. The TPB officially updates the program every two years with a call for projects. State, regional, and local transportation agencies update the TIP on a more frequent basis by amending or modifying the TIP to reflect their latest obligation plans. The TPB maintains a database of TIP projects which is updated regularly after any actions to amend or modify the TIP.



MOVING FROM A SIX-YEAR TIP TO A FOUR-YEAR TIP

The TIP reflects the individual programming schedules for the District of Columbia, and portions of the Commonwealth of Virginia and the State of Maryland, each of which are driven by different sets of state laws and legislative processes resulting in programming documents that covered both different years and different time-spans from the TPB’s TIP. The state of Maryland updates its four-year Statewide Transportation Improvement Program (STIP) every two years. The Virginia Department of Transportation develops a new four-year STIP on a three-year cycle. In order to more closely align with two out of the three DOT’s and to take advantage of a sync-point where both MDOT and VDOT’s STIPs would cover FY 2021-2024, staff suggested that the TPB reconfigure its TIP to cover four years, instead of six. In the District, DCOT has tried a variety of schedules and formats, before aligning its process in step with the TPB’s to develop its own FY 2021-2024 STIP. More about the STIPs and source documents for projects in the TIP are legislatively approved and a description of each can be found in [Section 2 – Project Development Process](#).

2. DEVELOPMENT OF THE FY 2021–2024 TIP

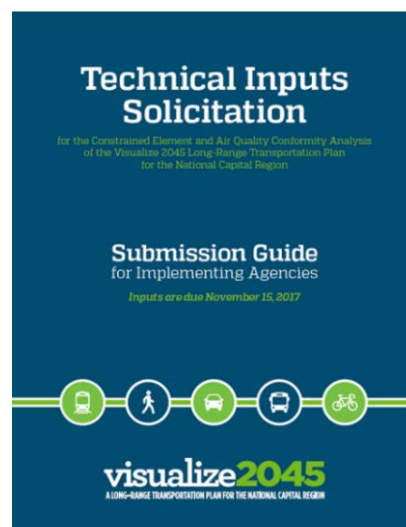
On May 3, 2019, the TPB began developing the FY 2021–2024 TIP by issuing a call for projects with the Technical Inputs Solicitation (TIS) Submission Guide for Visualize 2045 and the FY 2021–2024 TIP. The TPB held a Public Forum on the TIP on January 16, 2020. TPB Staff and member agencies reviewed draft project tables in January 2020 and a 30-day public comment period was held from January 31 through March 1, 2020. *The TPB approved the FY 2021–2024 TIP on March 18, 2020.*

Table 1: TIP Development Milestones

May 3, 2019	December 20, 2019	January 16, 2020	January 31 – March 1, 2020	March 18, 2020
TPB staff issues TIS Submission Guide	FY 2021–2024 TIP Inputs due	Public Forum on the TIP	Public Comment Period on TIP	TIP approved

The Technical Inputs Solicitation Submission Guide

The Technical Inputs Solicitation Submission Guide was first used by the TPB during the development of Visualize 2045 and the FY 2019-2024 TIP and it was approved by the TPB in October 2017. In 2019, TPB staff updated the document to serve as an ongoing guide for submitting amendments to visualize 2045 and the TIP. This update was timed to coincide with the next TIP, covering fiscal years 2021 through 2024. This call for projects defined the schedule for developing and approving the new TIP and amendments to the plan and specified which agencies are eligible to submit projects. It asked agencies to consider a regional policy framework and federal requirements when selecting and prioritizing projects. The Technical Inputs Solicitation also provided instructions on how to submit project data for Visualize 2045, the FY 2021-2024 TIP and the air quality conformity analysis of those documents. The Submission Guide can be found in its entirety in [Appendix E](#) of this document.



Any municipal, county, state, regional, or federal agency with the fiscal authority to fund transportation projects is responsible for providing required project and program inputs for the FY 2021-2024 TIP. Inputs are required to be submitted by one of the TPB member jurisdictions or agencies listed in [Table 2](#).

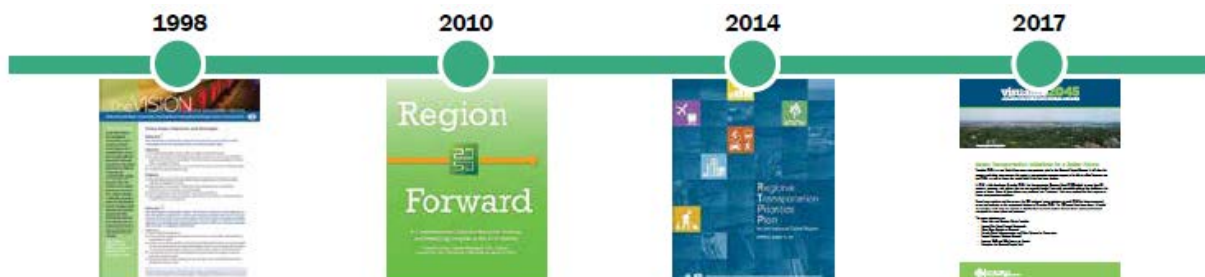
Table 2: TPB Member Agencies Responsible for TIP Programming

District of Columbia	Northern Virginia
District Department of Transportation (DDOT)	Virginia Department of Transportation (VDOT) Virginia Department of Rail and Public Transportation (VDRPT) Virginia Railway Express (VRE) Potomac and Rappahannock Transportation Commission (PRTC) Northern Virginia Transportation Authority (NVTA) Northern Virginia Transportation Commission (NVTC) Arlington County Department of Environmental Services* Fairfax County Department of Transportation* Fauquier County Department of Community Development* Loudoun County Department of Transportation and Capital Infrastructure* Prince William County Department of Transportation* City of Alexandria Department of Transportation and Environmental Services* City of Fairfax Department of Public Works* City of Falls Church Department of Public Works* City of Manassas Public Works Department* City of Manassas Park Public Works Department*
Suburban Maryland	
Maryland Department of Transportation <i>State Highway Administration (MDOT SHA)</i> <i>Maryland Transit Administration (MTA)</i> <i>Maryland Transportation Authority (MDTA)</i> Charles County Department of Public Works Frederick County Department of Public Works Montgomery County Department of Transportation Prince George’s County Department of Public Works and Transportation Maryland-National Capital Park and Planning Commission (M-NNCPPC) City of Frederick Planning Department Gaithersburg Public Works Department	
Regional	
Washington Metropolitan Area Transit Authority (WMATA) Eastern Federal Lands Highway Division Metropolitan Washington Airports Authority (MWAA)	

*Virginia local jurisdictions submit through VDOT but are still responsible for providing required information

Regional Policy Framework

The Technical Inputs Solicitation asked agencies to document how their projects and programs support or advance a set of regional goals and priorities, collectively referred to as the TPB’s policy framework. This framework is a culmination of a 20-year evolution that began with a visioning process in 1998. This framework includes comprehensive strategies that promote a strong regional economy and help improve quality of life for all residents. The policy statements and documents that make up the framework encourage the region’s transportation agencies to consider regional goals,



priorities, and needs when developing and selecting projects to fund and implement. The policy framework consists of the TPB Vision, the Region Forward vision adopted by the Metropolitan Washington Council of Governments (COG) in 2010, the 2014 Regional Transportation Priorities Plan, and the seven aspirational initiatives recently endorsed by the TPB.

Federal Requirements

Visualize 2045 and the TIP also must meet federal planning requirements including the consideration of ten specific planning factors, financial constraint, air quality conformity, public involvement, Title VI of the Civil Rights Act of 1964, a Congestion Management Process and Performance-Based Planning and Programming. The federal planning requirements are described in more detail in [Section 3](#). This is the first TIP for this region to be approved since the Performance-Based Planning and Programming requirements introduced in MAP-21 and the FAST Act have gone into effect. There are six national goals that have been defined by the FAST Act under Performance-Based Planning and Programming:

1. Highway Safety
2. Highway Assets
3. Highway System Performance
4. Vehicular Emissions
5. Transit Asset Management
6. Transit Safety

This TIP will provide a baseline against which progress on targets under these goals will be measured.

Project Development Process

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 Visualize 2045 and the TIP. However, project development typically occurs at the state and local levels. Each state, locality, 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, which is usually 20-25 years.

FEDERAL REQUIREMENTS

- Ten Planning Factors
- Financial Constraint
- Air Quality
- Public Participation
- Title VI/Environmental Justice
- Congestion Management Process
- Performance-Based Planning and Programming

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. In accordance with state law, the states give highest priority to maintenance needs or structural deficiencies. Project recommendations are often based upon each state's regular analysis of pavements, bridges, congestion levels and 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, construction of new facilities has 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 Department of Rail and Public Transportation and local transit agencies also perform their own studies, in addition to working with WMATA.

WMATA's capital needs are identified in WMATA's 10-year Capital Needs Inventory and Prioritization report, released in November 2016, and GM/CEO Wiedefeld's plan to "Keep Metro Safe, Reliable, and Affordable," released on April 19, 2017. Capital needs are divided into two categories: 1) State of Good Repair 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) Future Compliance 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.

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 constrained element of Visualize 2045, the long-range plans of the states and WMATA usually are not constrained by funding availability and may or may not list individual projects.

District of Columbia

In October 2014, the District Department of Transportation (DDOT) released moveDC, a multimodal long-range transportation plan. The new plan, which has a horizon year of 2040, has an emphasis on expanding transportation choices and providing better access to a wide variety of transportation modes. In addition, it focuses on maximizing safety and public space quality in major transportation corridors.

The 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.

Maryland

The 2040 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 2040 MTP 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. Each project also identifies which goals it supports. An update to this plan is expected to be adopted in January 2019.

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 VTrans, provides policy guidance for all transportation modes. The VTrans final report identified policy recommendations in the areas of funding and investment, land use, connectivity, priority setting, and sustaining the VTrans vision. The state is currently updating this plan.

VDOT also develops a 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, was adopted in 2017. TransAction contains an ambitious multimodal list of projects, which are prioritized within 11 transportation corridors. The plan identified more than \$35 billion in unfunded needs.

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

WMATA

WMATA's Momentum strategic plan, approved in 2013, 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 Potomac Yard station in Alexandria. 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 Visualize 2045.

Six-Year Programming 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.

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 TIP.

Using the CIP as a basis for development, the District develops a list of projects for inclusion in the TPB's 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 TIP.

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

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 and Northern Virginia's TransAction.

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 TIP.

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

The WMATA Capital Improvement Program (CIP)

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. 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 TIP. The FY 2021-2024 funding in this TIP is based on the preliminary funding levels in WMATA's draft FY 2021-2026 CIP, as it was released for public comment. The WMATA board is expected to approve the FY 2021-2026 CIP on March 12, 2020, one week prior to the TPB's approval of the FY 2021-2024 TIP. Any adjustments required for the final numbers will be processed via administrative modification or amendment if necessary.

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 plan.

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

TPB Actions in the Project Selection Process

The TPB carried out several actions during the development of the TIP to impact the project selection process. This TIP update cycle began by issuing and approving the Technical Inputs Solicitation Submission Guide. In response, agencies submitted information on new and existing projects. The TPB approves these project inputs in July 2019 and spent several months reviewing and analyzing the data to ensure that the project inputs are consistent with the region's air quality

requirements. Once the analysis is complete, the TPB makes a final approval of Visualize 2045, the TIP, and the Air Quality Conformity Analysis.

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

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

The TPB is the designated recipient for the Section 5310 Enhanced Mobility of Seniors and Individuals with Disabilities Program. As established under MAP-21 and continued through the FAST Act, the Enhanced Mobility of Seniors and Individuals with Disabilities Program aims to "improve mobility for seniors and individuals with disabilities throughout the country by removing barriers to transportation services and expanding transportation mobility options available." The TPB reviews applications from independent agencies and selects which projects will be awarded funds. The TPB is responsible for programming these funds in the TIP.

Under the federal Transportation Alternatives Set Aside (TA Set Aside) Program, the TPB is responsible for selecting projects using sub-allocated funding for Suburban Maryland, Northern Virginia, and the District of Columbia. The TA Set Aside, which is part of the Surface Transportation Block Grant Program, was previously known as the Transportation Alternatives Program (TAP) and that name is commonly still used. Each implementing agency will program these funds in the TIP when those projects are ready for implementation.

STATE TRANSPORTATION IMPROVEMENT PROGRAMS AND THE TIP

Much as the TPB is responsible for developing a TIP for the Metropolitan Washington region, each state (and the District) must develop a Statewide Transportation Improvement Program, or STIP.

Once the TPB approves a long-range plan update, a new TIP, and the air quality analysis of those, the documentation for each of those entities is provided to the Federal Highway Administration (FHWA), Federal Transit Administration (FTA) under the United States Department of Transportation (UD DOT), and the Environmental Protection Agency (EPA) and to each TPB member agency or jurisdiction. The EPA reviews the air quality conformity analysis transmits its approval to the FHWA and FTA. Then the two US DOT agencies issue a joint finding that the long-



Bosom Buddies: TIP and STIPPY

Upon learning that the TPB "adopts" rather than "approves" the plan and TIP, TPB Chair Kelly Russell imagined a puppy named "TIP" in need of adoption and presented staff with the official mascot of the TIP in 2018 to celebrate the adoption of the FY 19-24 TIP. For the approval of the FY 21-24 TIP, Chair Russell presented staff with a second mascot, "STIPPY" TIP's adoptive brother, seen here to his right.

range plan and TIP meet all federal financial and environmental requirements, thus approving the plan. The TIP, as it is produced by the TPB does not get approved by any federal agency. Rather, once the conformity determination of the plan and TIP is made, each agency responsible for developing a STIP takes the tables from their respective sections of [Appendix A of this document](#) and incorporates that into their STIP documents, which are then submitted to FHWA and FTA for approval.

In the District of Columbia, DDOT adds the tables for other agencies located within the District: WMATA, the TPB, and the Eastern Federal Lands Highway Division of the Federal Highway Administration and these become the programming element of DDOT's STIP. DDOT has developed its FY 2021-2024 STIP alongside the TPB's TIP. As soon as the TPB receives its conformity determination, DDOT will submit its STIP for federal approval.

MDOT takes the State Highway Administration, Maryland Transit Administration, and the Maryland Transportation Authority's tables, and the tables from Charles, Frederick, Montgomery, and Prince George's counties and combines those with the programming content from six other MPOs across the state to develop its STIP. MDOT will develop its FY 2021-2024 STIP in time for federal approval in the fall of 2020 to coincide with the start of federal FY 2021.

Regardless of the lead agency, all projects in the Commonwealth of Virginia are programmed in the TPB's TIP by VDOT. Virginia time the kick-off for developing of its FY 2021-2024 STIP to coincide with the conformity analysis of this TIP and plan amendment, since that would occupy the largest block of time within its process. VDOT is expected to approve its FY 2021-2024 STIP in mid 2020.

Amendment and Administrative Modification Procedures

The TPB officially updates the program every two years with a call for projects. State, regional and local transportation agencies update the TIP on a more frequent basis by amending or modifying the TIP to reflect their latest obligation plans. Please see [Appendix B](#) of this document for the TPB's approved TIP Amendment and Administrative Modification Procedures.

3. FEDERAL REQUIREMENTS

In the course of developing Visualize 2045 and this TIP, the TPB and the transportation implementing agencies also must comply with the following federal planning and programming requirements.

Federal Planning Factors

In 1998 the Transportation Equity Act for the 21st Century (TEA-21) established eight planning factors which must be considered in the development long-range plans and TIPs. In 2015, the Fixing America's Surface Transportation Act (FAST Act) reaffirmed those eight factors and added two more:

- Support the economic vitality of the metropolitan area, especially by enabling global competitiveness, productivity, and efficiency;
- Increase the safety of the transportation system for motorized and non-motorized users;
- Increase the security of the transportation system for motorized and non-motorized users;
- Increase 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.
- Improve resiliency and reliability of the transportation system and reduce or mitigate stormwater impacts of surface transportation (New under the FAST Act); and
- Enhance travel and tourism. (New under the FAST Act)

The goals, objectives and strategies in the TPB Vision and the Regional Transportation Priorities Plan incorporate the ten federal planning factors. Each planning factor is covered by one or more of the goals, objectives and strategies, except for security, which is covered implicitly by the TPB Vision.

Financial Constraint

The Visualize 2045 financial plan was adopted by the TPB on October 17, 2018. The financial plan demonstrates that the region has forecast revenues which are reasonably expected to be available to cover the estimated costs of adequately maintaining, operating, and expanding the highway and transit system. This analysis is a required element of the TPB's long-range transportation plan. **Appendix A: Financial Plan of Visualize 2045** contains the full financial analysis, while this section provides a summary. Given the limited scope of amendments permitted for this update to Visualize 2045, no new financial analysis was conducted.

The financially constrained element of Visualize 2045 is fiscally realistic, balancing all proposed new project investments and system maintenance and operating costs with reasonable revenue

expectations, as agreed upon by TPB and its implementation agency partners in the metropolitan transportation planning process. The sources of revenues for the region are shown in **Figure 1**.

A total of \$291.1 billion¹ in transportation revenues and expenditures is projected for the National Capital Region for the 27-year period of 2019 to 2045. **Figure 2** shows total expenditures, separated by mode and type. Transit expenditures include those for WMATA, local transit, and commuter rail. Over the 27-year period of Visualize 2045, public transportation is projected to absorb 66 percent of the total expenditures of \$291.1 billion. WMATA expenditures are forecast at \$139.3 billion (48 percent of the total) and match the available revenues. Highway expenditures and revenues total \$99.5 billion (34 percent). The majority of future transportation revenues will be devoted to the operation and maintenance of the current public transportation and highway systems. More information about the current financial plan is available at visualize2045.org/document-library.

The TIP is financially constrained by year and includes projects that can be implemented using current revenue sources. The TIP financial plan in **Section 4** 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 FAST Act 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 2021 and FY 2022 that each state has authorized for the region. It also shows the funding programmed for the third and fourth years that is reasonably expected to be available.

Air Quality Conformity

The financially constrained element of Visualize 2045 must demonstrate that future emissions under the plan are consistent or “in conformity” with emissions levels set forth in air quality plans adopted by the states. Since the Washington region does not currently meet federal standards for ground-level ozone, the TPB must demonstrate that future vehicle-related emissions of ozone-forming pollutants will, under the proposed constrained element plan, remain below the approved limits.

Figure 1: Visualize 2045 Expenditures by Funding Source

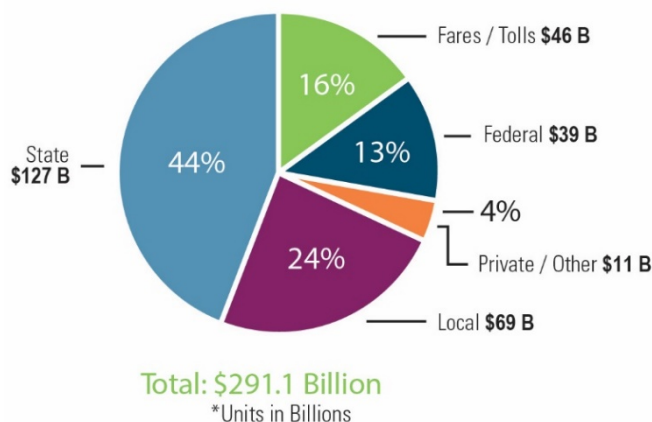
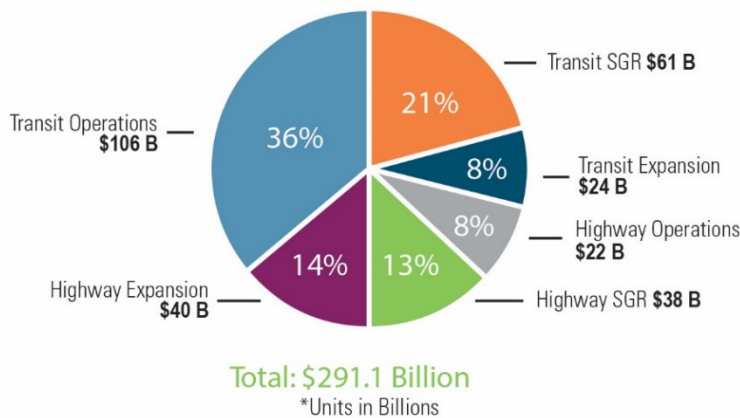


Figure 2: Visualize 2045 Expenditures by Type and Mode



¹ Because federal planning regulations require that the financial analysis show reasonably anticipated revenues and expenditures in year of expenditure (YOE) dollars, this report provides estimates in year of expenditure dollars. Year of expenditure dollars include inflation rates in the future years.

Under the constrained element of Visualize 2045, mobile emissions are expected to drop steadily mainly due to tougher fuel and vehicle efficiency standards. The plan's air quality conformity assessment included comparing forecasted mobile source emissions to the region's mobile emissions budgets for volatile organic compounds (VOC) and nitrogen oxides (NOx). The conformity analysis found that forecasts of mobile emissions for VOC and NOx are within required budgets for all analysis years of the plan.

Public Participation

In December 2007, the TPB adopted its first Participation Plan as required by the final planning regulations. The Participation Plan was updated and approved by the TPB on September 17, 2014. This TIP and Visualize 2045 were developed under procedures in the participation plan to involve citizens, affected public agencies, representatives of transportation agency employees, private providers of transportation, bicyclists, pedestrians, people with disabilities, and other members of the public. Copies of the TIP and major project submissions were accessible on the COG/TPB web page and were available for no charge at the COG Information Center.

On January 16, 2020 the TPB hosted a Public Forum on the development of the FY 2021-2024 TIP, which included a preview of projects and funding levels in the TIP. The forum was broadcast on Facebook Live and a link to the recorded forum can be found at mwcog.org/TIPforum.

On January 31, 2020, the draft FY 2021-2024 TIP document, the amendments to Visualize 2045, and the draft Air Quality Conformity Analysis were released for a 30-day public comment period which closed on March 1, 2020. Public comments could be submitted on-line, by e-mail, regular mail or by voice mail. An opportunity for public comment was provided at the beginning of the February 18 TPB meeting. Documentation of the public involvement and comment process on the FY 2021-2024 TIP is included in [Appendix D](#).

Congestion Management Process

TPB has an important role to play in understanding and identifying the full range of strategies to address traffic congestion in the region. Federal law requires the TPB to provide for "safe and effective integrated management and operation of the multimodal transportation system... through the use of travel demand reduction and operational management strategies."

The Congestion Management Process (CMP) provides for a systematic approach to monitoring the performance of the region's transportation system and identifying and evaluating the benefits that various congestion management strategies may have. Through various programs, the CMP monitors the performance of the transportation system. With accurate and reliable data, the TPB and regional partners work to establish strategies and initiatives to help alleviate congestion. Both demand management and operational management strategies are pursued. Demand management seeks to reduce congestion by reducing the number of vehicles (especially single occupant vehicles) on the road during high-volume time periods while operational management focuses on incident management, technology advances, and, when necessary, capacity increases.

CMP activities benefit strongly from regional participation. The TPB Technical Committee, the Systems Performance, Operations, and Technology Subcommittee, and the Commuter Connections

Subcommittee consult regularly on staff’s work. Further, TPB’s Commuter Connections program plays a critical role in implementing the most impactful strategies for demand management.

More information on the CMP can be found in [Appendix E: Congestion Management Process Federal Compliance and Impact on Plan Development](#), or online at mwcog.org/cmp.

Performance Based Planning and Programming

Performance-based planning and programming (PBPP) is a new process requiring states and MPOs to “transition to a performance-driven, outcome-based program that provides for a greater level of transparency and accountability, improved project decision-making, and more efficient investment of federal transportation funds.”² In coordination with partners, the TPB is tasked with setting targets for 25 performance measures. Table 2 lists eight performance areas along with their related measures and metrics that the TPB will track. As PBPP progresses over the years, performance compared to the targets will help inform funding decisions and help achieve targets.

Table 3: Performance-Based Planning and Programming Measures and Metrics

Performance Area	Measure	Metric
Highway Safety	5-Year Rolling Average	<ul style="list-style-type: none"> • # of Fatalities • Rate of Fatalities • # of Serious Injuries • Rate of Serious Injuries • # of Non-Motorized Fatalities and Serious Injuries
Highway Asset Management	Percent of Pavement Lane Miles*	<ul style="list-style-type: none"> • In Good Condition • In Poor Condition
	Percent of Bridge Deck Area	<ul style="list-style-type: none"> • In Good Condition • In Poor Condition
Performance of National Highway System	Percent of Person Miles Traveled	Level of Travel Time Reliability
Freight Movement Reliability	Index	Truck Travel Time Reliability
Roadway Congestion	Annual Hours Per Capita	Peak Hour Excessive Delay
	Percent of	Non-Single Occupancy Travel
Vehicular Emissions	Total Emissions Reduction	Volatile Organic Compounds and Nitrogen Oxides
Transit Asset Management	Percent of	<ul style="list-style-type: none"> • Service Vehicles exceeding Useful Life • Revenue Vehicles exceeding Useful Life • Track Segments with Performance Restrictions • Facilities rated Marginal or Poor
Transit Safety	Number and Rate (per Revenue Vehicle Mile)	<ul style="list-style-type: none"> • Fatalities by Mode • Reportable Injuries by Mode • Reportable Safety Events by Mode
	Mean Distance	Between Major Mechanical Failures by Mode

As included in the Metropolitan Planning Agreement (3C Agreement) approved by the Transportation Planning Board on April 18, 2018 in accordance with the latest federal metropolitan planning requirements as adopted in the FAST Act, the TPB’s TIP includes a description of how the

² Federal Register, Vol. 81, No. 103, Friday, May 27, 2016, page 34051, Section B.1.

investments in the TIP make progress toward achievement of the targets. See [Section 6](#) for an analysis of projects and funding in the TIP as they pertain these performance measures.

4. TIP FINANCIAL PLAN

This section presents the financial plan for the Washington region's TIP. FAST Act funding for the region is provided under either Title I, Surface Transportation, or Title III, Transit. Within each title are several programs or funding categories, such as the National Highway Performance Program and the Surface Transportation Block Grant 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.

With the exception of some FTA Section 5310 funding, all federal funding is apportioned to states. To verify that the projected funding authorized in the FAST Act is consistent with the funding programmed on projects in the Washington region's TIP, financial summaries are prepared for the District of Columbia, Maryland and Virginia, WMATA, and the region as a whole. The summaries provide each source's federal and total (with state and/or local match) funding amounts for each fiscal year individually. Each summary table provides the federal and total funding amounts across the four-year span of the TIP.

The funds programmed in the TIP for each state by FAST Act program category have been compared with FAST Act 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 FAST Act funding authorized for FY 2021 and FY 2022. The funding programmed for the third and fourth years is consistent with the projected federal dollars to be authorized by the states.

Financial Summaries for the Region by Funding Source

The tables on the next several pages summarize the federal and non-federal funding planned to be spent on projects and programs across the region over the next four years. As previously noted, the amounts summarized here reflect the funding that the states have programmed to date. There will be monthly and weekly amendments and modifications made to adjust these funding levels over the next two years. Additionally, the state of Maryland is expected to submit an amendment in mid-to-late 2020 to bring the TIP funding in alignment with their new FY 2021-2024 STIP.

Table 4 shows the Title I and Title III funding along with state, local and other sources programmed throughout the region for fiscal years 2021 through 2024, totaling about \$15.96 billion. The four columns under each fiscal year heading show the amount of "Federal" funding by source for each year next to the "Total" amount which includes any required matching contributions from state or local sources. The final column sums up the federal amounts programmed for each source between FY 2021 and FY 2024 along with the total for that same time span.

Of the \$15.96 billion programmed around the region, only \$6 billion is coming from federal Title I or Title III sources. The largest component of the regional total is \$7.8 billion in state and local funding. More than \$5 billion of that are contributions from DC, Maryland and Virginia to WMATA.

Table 5 shows a similar breakdown of about \$2.3 billion in funding for projects and programs implemented by DDOT. More than half of that total, \$1.3 billion comes from Title I sources and their

required matching funds, while only \$1.6 million is programmed from FTA's Title III sources. DC funding along with Grant Anticipated Revenue Vehicle (GARVEE) bonds make up most of the rest of the program total. In the District, GARVEE bonds are only being used to pay for part of the South Capitol Street Corridor project.

Table 6 shows funding in suburban Maryland for fiscal years 2021 through 2024. Maryland's financial summary tables are divided up between MDOT agencies: State Highway Administration (SHA), Maryland Transit Administration (MTA), and the Maryland Transportation Authority (MdTA), and the TPB member counties: Charles, Frederick, Montgomery, and Prince George's. Just under half of MDOT's four-year program total of \$3.1 billion comes from federal sources. Title I funding amounts for SHA projects are programmed without state and local matching formulas, so the federal amounts shown equal the total amounts and the matching funds are included in the State/Local grouping underneath the Title III group.

Table 7 shows \$865 million in funding programmed in Northern Virginia, with just under half of that - \$400 million - from federal sources. VDOT's inputs to the FY 2021-2024 TIP are derived from its FY 2018-2021 STIP. While the first two years of the TIP are programmed and verified, the limited three-year overlap makes for an incomplete picture of funding in Northern Virginia at the time of this analysis.

In contrast, **Table 8** shows almost \$8.5 billion in funding programmed by WMATA between FY 2019 and FY 2024. About \$3 billion of this comes from FTA Title III sources and matching funds, but the bulk of it - more than \$5 billion - comes from state and local contributions, including the new, long-term dedicated funding stream from the District of Columbia, Maryland and Virginia in the amount of \$500 million per year.

Table 4: FY 2021–2024 Financial Summary for the National Capital Region

Source	2019		2020		2021-2022		2023-2024		2021-2024	
	Federal	Total	Federal	Total	Federal	Total	Federal	Total	Federal	Total
Title I - FHWA										
CMAQ	42.39	51.22	37.52	45.76	49.99	61.06	26.03	31.67	155.93	189.71
DEMO	1.02	1.27							1.02	1.27
EB/MG	0.16	0.20								
HPP	14.96	38.56	5.83	15.42	8.52	10.78	1.26	2.72	30.56	67.48
HBRRP	4.19	4.19	4.60	4.60	6.00	6.00	0.00	0.00	14.79	14.79
HSIP	19.09	20.77	17.18	18.41	31.56	33.87	23.74	25.84	91.57	98.89
NHFP	6.24	6.24	5.99	5.99	10.55	10.55	0.00	0.00	22.77	22.77
NHPP	288.82	307.82	226.50	237.68	370.32	407.81	289.05	326.90	1,174.69	1,280.20
RSTP	21.24	26.55	9.82	12.28	4.70	5.88	0.00	0.00	35.77	44.71
SPR	4.78	5.98	4.78	5.98	9.32	11.65	6.84	8.55	25.72	32.15
STIC	0.10	0.13	0.10	0.13	0.20	0.25	0.20	0.25	0.60	0.75
STBG	249.32	277.11	241.38	259.89	292.43	318.70	228.08	261.39	1,011.22	1,117.09
TAP	1.57	1.96	2.72	3.40	3.68	4.60	2.76	3.45	10.38	13.42
Title I - FHWA Total:	653.88	741.99	556.43	609.52	787.27	871.14	577.95	660.77	2,575.53	2,883.42
Title III - FTA										
Section 5303	0.33	0.42	0.33	0.42					0.66	0.83
Section 5304	0.54	0.68	0.09	0.11					0.63	0.79
Section 5307	187.68	239.55	191.14	241.67	359.98	456.49	314.70	393.38	1,053.51	1,331.09
Section 5309	116.00	145.00	116.00	145.00	232.00	290.00			464.00	580.00
Section 5310	3.31	3.48	2.83	2.83	6.14	6.31			12.28	12.63
Section 5311	0.74	1.44	0.74	1.44	1.49	2.89			2.97	5.78
Section 5337	181.96	231.94	191.57	240.59	353.62	442.02	327.92	409.91		
Section 5339(a)	10.05	12.56	2.42	3.03	12.95	16.19			25.42	31.78
Section 5333(b)	3.60	4.50	11.32	14.16	11.32	14.16	22.65	28.31	48.90	61.12
Section 5339(c)	3.52	4.40							3.52	4.40
PRIIA	148.50	297.00	148.50	297.00					297.00	594.00
ARRA/TIGER	2.60	10.00							2.60	10.00
Title III - FTA Total:	658.83	950.97	664.96	946.25	977.50	1,228.05	665.28	831.60	2,966.56	3,956.87
State/Local										
Local		796.17		740.30		2,060.60		2,296.27		5,893.33
NVTA		45.64		9.11		12.10				66.85
State/District Funding		326.78		443.94		893.26		178.16		1,842.14
State/Local Funding		11.30		2.09		13.45		1.63		28.48
State/Local Total:		1,179.88		1,195.44		2,979.41		2,476.06		7,830.79
Other										
AC	53.00	58.40	51.91	57.49	27.55	30.58			132.46	146.47
ACC	50.69	59.35	67.97	81.03	40.95	46.77			159.60	187.15
DOD - OEA	5.21	5.21	5.97	5.97	4.04	4.04			15.21	15.21
GARVEE	128.00	160.00	53.25	66.56	54.53	68.16				
NPS	0.20	0.25							0.20	0.25
NRT	0.25	0.30	0.25	0.30	0.50	0.60	0.25	0.30	1.25	1.50
P3		17.33		17.33		34.66				69.32
PRIV		160.01		23.37		173.50				356.88
Revenue Sharing		5.62				16.70				
WIP		30.49		46.12		100.43		16.53		7.00
Other Total:	237.34	496.95	179.35	298.17	127.56	475.43	0.25	16.83	544.49	1,287.37
Regional Total:	1,550.04	3,369.78	1,400.73	3,049.38	1,892.33	5,554.03	1,243.48	3,985.26	6,086.58	15,958.45

See [Appendix C](#) for key to funding source codes.

Table 5: Financial Summary for the District of Columbia

Source	2019		2020		2021-2022		2023-2024		2021-2024	
	Federal	Total	Federal	Total	Federal	Total	Federal	Total	Federal	Total
Title I - FHWA										
CMAQ	5.49	6.86	21.80	27.25	21.26	26.57	7.05	8.81	55.60	69.50
HSIP	13.75	15.30	12.32	13.47	24.97	27.27	19.06	21.16	70.08	77.19
NHPP	111.24	130.04	67.68	77.76	224.68	262.17	254.33	292.18	657.93	762.14
SPR	4.78	5.98	4.78	5.98	9.32	11.65	6.84	8.55	25.72	32.15
STIC	0.10	0.13	0.10	0.13	0.20	0.25	0.20	0.25	0.60	0.75
STBG	87.96	105.16	90.59	108.53	133.25	159.52	163.60	196.89	475.39	570.09
TAP	1.25	1.56	2.72	3.40	3.68	4.60	2.76	3.45	10.41	13.01
Title I - FHWA Total:	224.56	265.01	199.99	236.51	417.35	492.02	453.83	531.29	1,295.74	1,524.84
Title III - FTA										
Section 5303	0.33	0.42	0.33	0.42					0.66	0.83
Section 5304	0.5424	0.678	0.088	0.11					0.63	0.79
Section 5339			0.80	1.00					0.80	1.00
Title III - FTA Total:	0.87	1.09	1.22	1.53					2.09	2.62
State/Local										
District Funds		75.55		113.30		165.74		146.01		500.60
State/Local Total:		75.55		113.30		165.74		146.01		500.60
Other										
GARVEE	128.00	160.00	53.25	66.56	54.53	68.16			235.77	294.72
NPS	0.20	0.25							0.20	0.25
NRT	0.25	0.30	0.25	0.30	0.50	0.60	0.25	0.30	1.25	1.50
Other Total:	128.45	160.55	53.50	66.86	55.02	68.76	0.25	0.30	296.47	296.47
Grand Total:	353.88	502.21	254.71	418.19	472.38	726.52	454.08	677.60	1,535.05	2,324.52

See [Appendix C](#) for key to funding source codes.

Table 6: FY 2019-2022 Financial Summary for Suburban Maryland

Source	2019		2020		2021-2022		2019-2022	
	Federal	Total	Federal	Total	Federal	Total	Federal	Total
Title I - FHWA								
CMAQ	7.09	7.09	4.59	4.59	5.69	5.69	17.37	17.37
HPP	4.19	4.19	4.60	4.60	6.00	6.00	14.79	14.79
HSIP	4.18	4.18	4.18	4.18	6.52	6.52	14.87	14.87
NHFP	6.24	6.24	5.99	5.99	10.55	10.55	22.77	22.77
NHPP	168.88	168.88	144.88	144.88	142.12	142.12	455.88	455.88
STBG	119.86	119.86	119.91	119.91	130.44	130.44	370.21	370.21
Title I - FHWA Total:	310.43	310.43	284.14	284.14	301.31	301.31	895.89	895.89
Title III - FTA								
Section 5307	24.30	33.74	19.55	27.79	42.72	60.12	86.57	121.65
Section 5309	116.00	145.00	116.00	145.00	232.00	290.00	464.00	580.00
Section 5310	0.47	0.65			0.47	0.65	0.95	1.30
Section 5311	0.74	1.44	0.74	1.44	1.49	2.89	2.97	5.78
Section 5337	14.98	18.73	19.41	24.27	25.08	31.35	59.47	74.34
ARRA/TIGER	2.60	10.00					2.60	10.00
Title III - FTA Total:	159.10	209.56	155.70	198.51	301.75	385.00	616.56	793.06
State/Local Funds								
State		250.84		330.23		720.12		1,301.19
Local		20.71		3.69		4.25		28.65
State/Local Total:		271.55		333.92		724.37		1,329.84
Other Funds								
DOD - OEA	5.21	5.21	5.97	5.97	4.04	4.04	15.22	15.21
P3	0.00	17.33	0.00	17.33	0.00	34.66	0.00	69.32
Other Total:	5.21	22.54	5.97	23.30	4.04	38.70	15.22	84.53
MDOT Total:	474.74	814.08	445.82	839.87	607.10	1,449.37	1,527.66	3,103.32

Charles, Frederick, Montgomery and Prince George's County Projects

Title I - FHWA								
HRRP	14.96	38.56	5.83	15.42	8.52	10.78	29.31	64.76
Title III - FTA								
Section 5307	1.60	1.60	1.60	1.60			3.20	3.20
Section 5339(c)	3.52	4.40					3.52	4.40
State/Local/Private Funds								
State and Local		239.05		224.39		126.19	0.00	589.63
Private		1.50		1.50		3.00		6.00
Maryland Counties Total:	20.07	285.10	7.43	242.92		139.97	36.02	667.99

See [Appendix C](#) for key to funding source codes.

Table 7: FY 2021–2024 Financial Summary for Northern Virginia

Source	2019		2020		2021-2022		2023-2024		2021–2024	
	Federal	Total	Federal	Total	Federal	Total	Federal	Total	Federal	Total
Title I - FHWA										
CMAQ	23.89	29.86	7.53	9.41	14.48	18.11	9.94	12.42	55.84	69.80
DEMO	1.02	1.27							1.02	1.27
EB/MG	0.16	0.20								
HSIP	1.17	1.30	0.69	0.77	0.08	0.09			1.93	2.15
NHPP	8.71	8.90	13.94	15.04	3.51	3.51			26.16	27.46
RSTP	21.24	26.55	9.82	12.28	4.70	5.88			35.77	44.71
STBG	41.50	52.10	30.89	31.45	28.75	28.75			101.14	112.29
TAP	0.32	0.40							0.32	0.40
Title I - FHWA Total:	98.01	120.58	62.87	68.94	51.53	56.33	9.94	12.42	222.34	258.28
Title III - FTA										
Section 5307	10.78	15.46	4.72	5.69	2.56	2.99			18.06	24.14
Section 5339	1.62	2.03	1.62	2.03	1.62	2.03			4.87	6.09
Section 5337	21.47	31.33	8.20	11.37	0.62	0.77			30.28	43.47
Title III - FTA Total:	33.87	48.82	14.54	19.09	4.80	5.79			53.21	73.70
State/Local Funds										
Local Funds		10.77				8.73				19.50
NVTA		45.64		9.11		12.10				66.85
State Funds						7.40				7.40
State/Local		10.69		0.06		10.60				
State/Local Total:		67.09		9.18		38.83				115.10
Other Funds										
Adv. Construction	53.00	58.40	51.90	57.49	27.55	30.58			132.45	146.47
Adv. Construction Conversion	50.69	59.35	67.97	81.03	40.95	46.77			159.60	187.15
Private		158.51		21.87		170.50			0.00	350.88
Revenue Sharing		5.62				16.70			0.00	22.31
Other Total:	103.68	281.87	119.87	160.39	68.50	264.55			292.05	706.81
Virginia Total:	235.56	518.37	197.28	257.60	124.83	365.50	9.94	12.42	567.60	1,153.89

See [Appendix C](#) for key to funding source codes.

Table 8: FY 2021–2024 Financial Summary for WMATA

Source	2019		2020		2021-2022		2023-2024		2021–2024	
	Federal	Total	Federal	Total	Federal	Total	Federal	Total	Federal	Total
Title I - FHWA										
CMAQ	5.92	7.40	3.60	4.50	8.56	10.70	5.60	7.00	23.68	29.60
<i>Title I - FHWA Total:</i>	5.92	7.40	3.60	4.50	8.56	10.70	5.60	7.00	23.68	29.60
Title III - FTA										
Section 5307	151.00	188.75	165.27	206.59	314.70	393.38	314.70	393.38	945.68	1,182.10
Section 5337	145.51	181.89	163.96	204.95	327.92	409.91	327.92	409.91	965.32	1,206.65
Section 5339(a)	8.42	10.53				14.16			8.42	24.69
Section 5339(b)	3.60	4.50	11.32	14.16		14.16	22.65	28.31	37.57	61.12
PRIIA	148.50	297.00	148.50	297.00		0.00			297.00	594.00
<i>Title III - FTA Total:</i>	457.04	682.67	489.06	722.70	642.63	831.60	665.28	831.60	2,254.00	3,068.57
State/Local										
State		530.65		514.65		1,924.28		2,220.16		5,189.73
<i>State/Local Total:</i>		530.65		514.65		1,924.28		2,220.16		5,189.73
Other Funds										
Insurance Proceeds	0.00	30.49	0.00	46.12	0.00	100.43	0.00	16.53		193.56
<i>Other Funds Total:</i>		30.49		46.12		100.43		16.53		193.56
<i>Grand Total:</i>	462.96	1,251.20	492.66	1,287.97	651.19	2,867.00	670.88	3,075.28	2,277.68	8,481.45

See [Appendix C](#) for key to funding source codes.

5. SUMMARY AND ANALYSIS OF PROJECTS

There are approximately 300 project records in the FY 2021–2024 TIP. Of those, 179 are location or corridor specific projects, while the remainder are either groupings of smaller, non-regionally significant projects or are jurisdiction or sub-area-wide ongoing projects. **Table 8** provides an at-a-glance look at some of the big-ticket projects across the region in the TIP. **Table 9** shows how the funding in the TIP breaks down across facility types and modes.

Table 9: Major Project Costs in the FY 2021–2024 TIP

Project Title	TIP ID	Total Cost	FY 21-24	Complete
District of Columbia				
South Capitol Street Corridor	3423	\$554 M	\$419 M	2024
Union Station to Georgetown Premium Transit	5755	\$348 M	\$1 M	2026
H Street Bridge over Railroad	6039	\$220 M	\$211 M	2025
Suburban Maryland				
I-495 and I-270 Traffic Relief Plan	6432	\$7.6 B	\$129 M	2025
Purple Line	2795	\$2.4 B	\$788 M	2022
Governor Harry Nice Bridge Improvement Project	5527	\$769 M	\$555 M	2023
MD 210 Corridor Study	6524	\$456 M	\$8 M	2040
Northern Virginia				
I-66 Inside the Beltway Initiatives	6544	\$125 M	\$16 M	2040

Table 10: Funding for the National Capital Region by Project Type

Project Type	District of Columbia		Suburban Maryland		Northern Virginia		Regional Total	
	FY 21	FY 21-24	FY 21	FY 21-24	FY 21	FY 21-24	FY 21	FY 21-24
Interstate	1.54	57.11	83.56	295.04	10.91	25.31	113.90	490.32
Primary	205.00	532.09	115.26	753.43	75.03	258.42	395.28	1,547.50
Secondary	22.91	54.14	139.30	388.29	29.31	165.63	186.02	671.92
Urban					4.82	8.95	4.82	9.19
Federal Lands						4.43		4.43
Bridge	90.36	220.69	20.20	36.34	2.86	14.91	46.92	300.68
Roadways:	319.81	864.04	358.32	1,473.10	122.92	477.64	746.94	3,024.03
Transit:	23.25	212.05	304.20	1,020.61	88.08	129.18	1,661.86	9,838.47
Bike/Ped:	3.00	33.41	51.26	131.05	3.57	3.57	57.82	187.51
Maintenance/Other:	224.56	965.59	384.69	1,145.84	82.30	255.42	689.14	2,623.47
Total Funds:	570.61	2,075.09	1,098.46	3,770.59	296.86	865.81	3,155.76	15,673.47

Complete Streets Documentation

On May 16, 2012, the TPB approved resolution R15-2012, approving the Complete Streets Policy for the National Capital Region. Section IV, Documentation and Reporting, in that policy states that “implementation of member jurisdiction and agency Complete Streets policies will be documented in the regional Transportation Improvement Program.” Every submitting agency reported that their jurisdiction had a Complete Streets policy (see [Table 11](#)). Responses were only provided for 15 records at the time of this draft analysis. TPB staff are following up with implementing agencies to achieve a higher response rate.

Table 11: Projects That Advance Complete Streets Goals

TIP ID	Project Title
District of Columbia	
6636	Bus Priority Plan and Program
Suburban Maryland	
6367	Addison Road I
6375	Bus Mass Transit/Metro Access 2
6365	Montgomery County Bicycle and Pedestrian Priority Area Improvements
6364	Montgomery County Transportation Improvements for Schools
6369	Prince George’s County Cherry Hill Road III
6372	Street Lights and Traffic Signals 2
6373	Traffic Congestion Improvements
6397	US 29 BRT
Northern Virginia	
6542	Embark Richmond Highway Comprehensive Plan

Bicycle and Pedestrian Accommodations

The TPB has set a goal to increase the rate of construction of bicycle and pedestrian facilities in the region. Of the 300 TIP projects, 28 are identified as being “primarily a bicycle and/or pedestrian project.” Of those 28, about half are project groupings or area-wide programs. In total, the region currently has \$187 million programmed for bicycle and pedestrian projects, almost a third of that (\$58 million) is programmed in the first year of the FY 2021–2024 TIP. [Table 12](#) summarizes the funding for projects in the TIP that are identified exclusively as bicycle and/or pedestrian projects around the region.

Table 12: Funding for Bicycle and Pedestrian Projects Around the Region

Jurisdiction	2019	2021–2024
District of Columbia (9 projects)	\$ 3 M	\$51 M
Suburban Maryland (17 projects)	\$51 M	\$133 M
Northern Virginia (2 projects)	\$4 M	\$4 M
Regional Total:	\$58 M	\$188 M

This does not provide a complete picture of the region’s planned investments in bicycle and pedestrian infrastructure, however. Many roadway and transit projects include accommodations for cyclists and/or pedestrians, and it can be difficult to parse out the cost of those accommodations from the total project cost.

6. PERFORMANCE-BASED PLANNING AND PROGRAMMING

This is the first TIP where Performance-Based Planning and Programming (PBPP) activities will be reflected per the federal requirements of MAP-21 and the FAST Act. MAP-21, signed into law in 2012, placed increased emphasis on performance management within the Federal-aid highway program, including development of national performance measures to be used by State DOTs and MPOs in setting targets. The law specifically calls for the use of performance-based decision-making by integrating performance management concepts into the existing federally-required transportation planning and programming processes. The performance measures and targets summarized here will provide a baseline for comparison with future TIPs. At this time, the TPB has approved targets for 21 out of 25 measures, and this analysis will reflect information on those measures. For more information on these measures, targets and the region’s transportation system performance, please see the System Performance Report which can be found in [Appendix D of the Visualize 2045 document](#).

Highway Safety Performance

The Highway Safety Performance Measures pertain to both the national and regional objective of reducing the instances of serious injuries or death on roadways. Highway Safety consists of five performance measures, listed in [Table 13](#), that were adopted by the TPB in January 2018.

Table 13: Summary of Regional Highway Safety Performance Measures and Targets

	2012-2016 Actual	2014-2018 Target	Difference	Percent Difference
# of Fatalities	266.2	253.0	▼ 13.2	▼ 4.9%
Fatality Rate (per 100 MVMT)	0.621	0.588	▼ 0.033	▼ 5.3%
# of Serious Injuries	2,967.4	3,007.3	▲ 39.9	▲ 1.3%
Serious Injury Rate (per 100 MVMT)	6.879	6.678	▼ 0.111	▼ 1.6%
# Non-motorist Fatalities and Serious Injuries	545.6	528.8	▼ 16.8	▼ 3.1%

The TIP includes funding under the Highway Safety Improvement Program for priority HSIP projects as programmed by the three states. Examples of HSIP programmed projects include impact attenuators, guardrails, upgrading traffic signal devices, work zone safety reviews, and improved signs and markings. The three states have processes for inclusion of safety-related projects as identified in their Strategic Highway Safety Plans and other state plans and documents. Safety improvements are also included within projects funded with non-HSIP funds and through other state and federal sources, such as the Transportation Alternatives Program Block Grants, including Safe Routes to School grants, and CMAQ and maintenance projects, all of which will provide benefits that

contribute to improved safety performance. Thus, the funding and the program of projects in the TIP will enable the TPB to achieve the region’s safety performance targets.

Table 14 contains information on the regional TIP projects that will be implemented to assist in achieving the listed targets involving highway safety. Funds from the Federal Highway Administration’s Highway Safety Improvement Program (HSIP) have been programmed on 11 projects in the FY 2021–2024 TIP, totaling \$91.6 million. Please note that while these federal requirements are meant to specifically track the federal funding contribution to these types of projects, there are other projects that do not use federal funding but do support the safety outcomes that the TPB is specifically looking to achieve.

Table 14: HSIP Funded Projects in the FY 2021–2024 TIP

TIP ID	Project Name	FY19	FY20	FY19-24
District Department of Transportation				
2633	Size and Weight Enforcement Program	\$1,800		\$1,800
3212	Safety Improvements Citywide	\$8,550	\$8,550	\$49,545
3216	Traffic Operations Improvements Citywide	\$1,710	\$1,800	\$10,710
5315	Blair / Cedar / 4th Street NW	\$1,125		\$1,125
5316	Impact Attenuators and Guiderrails		\$1,967	\$6,344
6315	East Capitol Street Corridor Mobility & Safety Plan	\$360		\$360
6503	Construction of Fiber Communication Network on Freeways	\$200		\$200
Maryland Department of Transportation/State Highway Administration				
3038	Areawide Environmental Projects	\$459	\$459	\$2,106
3082	Areawide Resurfacing and Rehabilitation	\$1,827	\$1,827	\$8,262
3084	Areawide Safety and Spot Improvements	\$1,890	\$1,890	\$9,180
Virginia Department of Transportation				
5506	TIP Grouping project for Construction: Safety/ITS/Operational Improvements	\$1,166	\$689	\$1,934
Regional Totals		\$19,087	\$17,182	\$91,566

Pavement and Bridge Condition Performance

This section provides information on the performance measures concerning the condition of bridges and pavements within the Washington metropolitan planning area. The region’s infrastructure is a critical component of economic development and increased livability. As stated in the TPB Vision and reaffirmed by Priority 1 in the Regional Transportation Priorities Plan, the TPB encourages all jurisdictions to strive towards maintaining infrastructure in a state of good repair. **Table 15** lists four performance measures and targets for pavement conditions and **Table 16** lists two measures and targets for bridge conditions that were adopted by the TPB in July 2018. For more information on these performance measures and targets, please see the System Performance Report in [Appendix D of the Visualize 2045 document](#).

Funds from the Federal Highway Administration’s Highway Bridge Replacement and Rehabilitation Program (HBRRP) have been programmed on 15 projects in the FY 2021–2024 TIP, totaling \$34 million. Please note that while these federal requirements are meant to specifically track the federal funding contribution to these types of projects, there are other projects that do not use federal funding that also support the safety outcomes that the TPB is specifically looking to achieve.

Table 15: Summary of Regional Pavement Condition Measures & Targets

Interstate	CY 2018 – 2021 Four Year Target
(1) Percentage of Pavements on the Interstate System in Good Condition	52.7%
(2) Percentage of Pavements on the Interstate System in Poor Condition	1.7%
NHS (Non-Interstate)	CY 2018 – 2021 Four Year Target
(3) Percentage of Pavements on the NHS (excl. Interstate) in Good Condition	31.1%
(4) Percentage of Pavements on the NHS (excl. Interstate) in Poor Condition	7.0%

Funds from the National Highway Performance Program (NHPP) have been programmed on 61 projects in the FY 2021–2024 TIP totaling \$1.2 million. Not all 61 projects will necessarily support pavement and bridge conditions. In addition to those that improve pavement and bridge conditions on the National Highway System (NHS), many other types of projects are eligible for NHPP funding, including (but not limited to) some of the following:

- Bicycle transportation and pedestrian walkways
- Highway safety improvements on the NHS
- Capital and operating costs for traffic and traveler information
- Infrastructure-based ITS capital improvements.
- Environmental mitigation related to NHPP projects.
- Installation of vehicle-to-infrastructure communication equipment

For a complete list of NHPP-eligible project types, see FHWA’s NHPP fact sheet at: <https://www.fhwa.dot.gov/fastact/factsheets/nhppfs.cfm>.

Table 16: Summary of Regional Bridge Conditions, Measures & Targets

Bridges	CY 2018 – 2019 Two Year Target	CY 2018 – 2021 Four Year Target
(5) Percentage of NHS Bridges Classified as in Good Condition	27.1%	29.4%
(6) Percentage of NHS Bridges Classified as in Poor Condition	5.2%	3.9%

Highway System Performance

This section contains information on the overall performance of the National Highway System (NHS), Interstate System (IS) and Freight Movement; collectively known as Highway System Performance. A summary of performance measures associated with this area are listed in [Table 17](#).

Table 17: Summary of the Highway System Performance Measures

	Performance Measures
National Highway System	(1) Interstate (IS) Travel Time Reliability (TTR) – Percent of person-miles traveled on the Interstate System that are reliable
	(2) NHS (Non-Interstate) TTR – Percent of person-miles traveled on the non-Interstate NHS that are reliable
Freight Movement	(3) Freight Reliability Truck Travel Time Reliability (TTTR) – Percent of the Interstate System Mileage providing for Reliable Truck Travel Times

The TPB adopted the Highway System Performance measures and targets listed in [Table 18](#) in July 2018. The TPB encourages every jurisdiction in the region to adopt similar goals of making reliability improvements to roadways and calls on the transportation agencies of the region to redouble their efforts to develop projects, programs and policies to achieve increased reliability on roadways. More information on these measures and targets can be found in the [System Performance Report in Appendix D of the Visualize 2045 document](#).

Table 18: Regional Travel Time Reliability & Truck Travel Time Reliability Measures & Targets

	CY 2018 – 2021 Four Year Target
TTR – Interstate Percent of person-miles traveled on the Interstate System that are reliable	58.5%
TTR – Non-Interstate NHS Percent of person-miles traveled on the non-Interstate NHS that are reliable	72.7%
TTTR Index Ratio of the Interstate System Mileage providing for Reliable Truck Travel Times	2.12

There is no federal funding source directly tied to travel-time reliability on Interstate and National Highway System facilities. Funds from the National Highway Freight Program (NHFP) are programmed on three projects in the FY 2021–2024 TIP for a total of \$22.8 million. There are other projects with non-federal funding sources that should also improve freight movement in the region.

Congestion Mitigation and Air Quality Program Performance

This section contains information of the performance of the Congestion Mitigation and Air Quality Program (CMAQ) measures. [Table 19](#) provides a summary of each of the performance measures. More detailed information concerning the CMAQ Program, the performance measures, details concerning CMAQ projects, and programming for the states of Virginia, Maryland, and the District of Columbia, can be found in [Appendix D – System Performance Report](#).

Table 19: Summary of Congestion Mitigation and Air Quality Program Performance Measures

CMAQ Program	Performance Measures
Traffic Congestion	Peak Hour Excessive Delay – Annual hours of peak hour excessive delay per capita
	Mode Share – Percent of Non-SOV Travel on the NHS
Emissions Reduction	Emissions – CMAQ-funded projects on-road mobile source total emissions reduction for each applicable criteria pollutant and precursor

The TPB adopted CMAQ Performance Measures and targets in June 2018. [Tables 20 and 21](#) illustrate the regional traffic congestion and emission reduction targets.

Table 20: Regional Traffic Congestion Measures and Targets

Performance Measures for the Washington DC-MD-VA urbanized area	CY 2018 – 2019 Two Year Target	CY 2018 – 2021 Four Year Target
Peak Hour Excessive Delay (PHED)	Not Required	26.7 Hours
Mode Share (Non-SOV)	36.9%	37.2%

Table 21: Regional Emissions Reduction Measure and Targets

	Type of Emissions	FFY 2018 – 2019 Two Year Target	FFY 2018 – 2021 Four Year Target
Total Emissions Reduction for the TPB portion of the Washington DC-MD-VA nonattainment area	Volatile Organic Compounds (VOCs)	1.838 Kg/Day	2.195 Kg/Day
	Nitrogen Oxides (NOx)	4.019 Kg/Day	4.703 Kg/Day

CMAQ funding is programmed on 25 projects in the FY 2021–2024 TIP in the amount of \$144.3 million.

Transit Asset Management Performance

The TIP includes funding from multiple FTA sources for projects that support Transit Asset Management. Examples of these projects include rural and urban capital assistance programs; rolling stock acquisition, maintenance, and overhauls; bus fleet rehabilitation and replacement; track and rail yard maintenance and improvements; and maintenance of passenger facilities. Each of the three states and WMATA have adopted Transit Asset management plans which are included in their respective STIPs. Transit Asset Management category projects are also supported by non-FTA sources such as state and local funding, WMATA Insurance Proceeds, and flexible CMAQ and STP funding. The funding and the program of projects in the TIP will enable the TPB to achieve the region's transit asset management performance targets.

This section presents the transit asset management (TAM) performance measures and targets adopted by the TPB in May 2017. **Table 22** provides a summary of the performance measures designated as TAM. For more information on TAM measures and targets, see the [System Performance Report in Appendix D of the Visualize 2045 document](#).

Table 22: Transit Asset Management Performance Measures

	Performance Measure	Asset Classes
Rolling Stock (Age)	Percentage of revenue vehicles within a particular asset class that have met or exceeded useful life benchmark (ULB).	40-foot bus, 60-foot bus, vans, automobiles, locomotives, rail vehicles
Equipment – (non-revenue) service vehicles (Age)	Percentage of vehicles that have met or exceeded their ULB.	Cranes, prime movers, vehicle lifts, tow trucks
Infrastructure-rail fixed-guideway track, signals, and systems (Condition)	Percentage of track segments, signal, and systems with performance restrictions.	Signal or relay house, interlockings, catenary, mechanical, electrical and IT systems
Stations/Facilities (Condition)	Percentage of facilities within an asset class, rated below 3 on the TERM scale.	Stations, depots, administration, parking garages, terminals

The nine reporting entities for provision of public transportation provided their targets to the TPB, as shown in **Table 23**. The targets for the metropolitan planning region are presented in tabular form to account for the differences in targets and standards among the providers of public transportation. Targets are the threshold for the maximum percentage of assets at or exceeding acceptable standards. In most cases for the 2017 target-setting process, providers set targets that are approximately equivalent to their current performance. In future years, TPB staff will work with the providers of public transportation to collate performance.

Table 23: Regional Transit Asset Management Measures & Targets

Reporting Entity	Rolling Stock	Service Vehicles	Rail Infrastructure	Station/Facility Condition
WMATA	1% Rail, 3% Bus	15% ^{c, d}	5%	32%
DDOT	0% Rail, 40% Bus	20% ^c	5%	20%
Fairfax County	10%	14% ^e	n/a	0%
Montgomery County	8% ^a	50% ^{c, d}	n/a	0%
Prince George's County	0%	18% ^d	n/a	0%
PRTC	46% ^b	50% ^c	n/a	0%
VRE	0% Rail	50% ^e	n/a	0%
Maryland Tier 2 (MTA)	24% ^a	31% ^d	n/a	25% ^f
Virginia Tier 2 (DRPT)	20%	Not reported	n/a	20%

a: heavy-duty buses; b: 45-foot buses; c: autos; d: trucks; e: service vehicles; f: maintenance/administrative facilities

There are 31 projects in the FY 2021–2024 TIP with \$2.457 billion in §5307, §5309, §5311, §5337, §5339, and CMAQ funding that specify the maintenance or replacement of transit assets.

FY 2021-2024 TRANSPORTATION IMPROVEMENT PROGRAM

Scheduled for adoption by the National Capital Region Transportation Planning Board on
March 18, 2020

Agency: District Department of Transportation

Title: Size and Weight Enforcement Program

TIP ID: 2633 **Agency ID:** CI029A, CI053A

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

a. Weigh in Motion Operations Support
 b. Weigh in Motion Upgrade and Repair

All amounts shown in \$1,000s

SOURCE CODE	Federal/State/Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
HSIP	90/10/0		2,000 c						760
NHPP	83/17/0	180 c	185 c	185 c	190 c	190 c	195 c	760	
STBG 9	83/17/0	183 a							

Title: Asset Preservation of Tunnels in the District of Columbia

TIP ID: 2699 **Agency ID:** CD018A, CD019A

Description: Long term performance-based asset preservation and maintenance program through which a private contractor provides maintenance services for the District's sixteen (16) tunnels. In conjunction with this maintenance contract, FHWA requires the District to engage services of a consultant to provide the DDOT Tunnel Management staff with required technical assistance, asset evaluation support services, IT services, and required tunnel asset inspection services.

All amounts shown in \$1,000s

SOURCE CODE	Federal/State/Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
NHPP	90/10/0	1,000 a	1,175 a	175 a	175 a	175 a	175 a	50,050	50,050
		12,000 c	19,150 c	17,500 c	18,450 c	5,400 c	8,000 c		

Title: Oxon Run Trail Restoration

TIP ID: 2780 **Agency ID:** AF089A

Description: This project is to complete the next phase of the Oxon Run Trail from 13th St SE to Southern Ave SE; and from South Capitol St SE to the Maryland Line.

All amounts shown in \$1,000s

SOURCE CODE	Federal/State/Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
CMAQ	80/20/0		500 a						
RTP	80/20/0	638 a							
STBG	80/20/0	9,650 c							

FY 2021-2024 TRANSPORTATION IMPROVEMENT PROGRAM

Scheduled for adoption by the National Capital Region Transportation Planning Board on
March 18, 2020

Title: National Recreational Trails

TIP ID: 2796 **Agency ID:** AF066A

Description: Programs associated with the Recreational Trails Program – a program established to develop and maintain recreational trails and trail-related facilities. Mostly small projects; often grants to local groups.

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

- a. Friends of Kenilworth Aquatic Gardens
- b. Student Conservation Association

All amounts shown in \$1,000s

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
RTP	83/17/0	1,130 a	400 e	400 e	400 e	400 e	400 e	1,600	1,600

Title: Safe Routes to School

TIP ID: 2888 **Agency ID:** CM086A

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.

Increase walking and bicycling to school and associated safety through planning, engineering, education, and enforcement.
 Subprojects:

- a. Bicycle and Pedestrian Education
- b. Sidewalk Construction
- c. School Area Planning Assistance

All amounts shown in \$1,000s

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
State	0/100/0	300 c							7,204
TAP	80/20/0	651 c	400 a	400 a	400 a	400 a	400 a	7,204	
			2,250 c	1,401 c	1,401 c	1,401 c	1,401 c		

FY 2021-2024 TRANSPORTATION IMPROVEMENT PROGRAM

Scheduled for adoption by the National Capital Region Transportation Planning Board on
March 18, 2020

Title: Highway Structures Preventive Maintenance and Repairs

TIP ID: 2927 **Agency ID:** CD036A, CD042A, CD061

Description: This project provides a two-year base contract with 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.

All amounts shown in \$1,000s

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
NHPP	83/17/0	9,975 c		5,100 c	5,345 c	9,975 c		20,420	25,530
STBG	83/17/0	2,940 c			1,500 a	3,250 c		5,110	
					360 c				

Title: District TDM (goDCgo)

TIP ID: 2945 **Agency ID:** CM074A

Description: goDCgo is responsible for promoting the use of all sustainable transportation modes in the city through marketing and outreach. The contractor will provide marketing expertise to support the growth of the goDCgo and Capital Bikeshare and advertise the service to residents, visitors, and employers.

- a. District TDM/goDCgo
- b. Capital Bikeshare Marketing and Outreach

All amounts shown in \$1,000s

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
CMAQ	80/20/0	11,756 a	2,990 a	3,145 a	3,270 a	3,398 a	3,527 a	13,340	13,340

FY 2021-2024 TRANSPORTATION IMPROVEMENT PROGRAM

Scheduled for adoption by the National Capital Region Transportation Planning Board on
March 18, 2020

Title: Roadway Reconstruction Citywide

TIP ID: 2965 **Agency ID:** SR060A MRR11A, SR009A SR055A PM075

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

- a. Alabama Ave from MLK Ave to Bowen Rd SE
- b. Broad Branch Rd from Linnean Ave to Beach Dr NW Rehabilitation
- c. Canal Rd NW from Chain Bridge to M St NW
- d. Canal Rd NW Rock Slope Stabilization
- e. Florida Ave and 9th St from T St to Barry PI NW
- f. New Jersey Ave from Massachusetts Ave to N St NW
- g. Oregon Ave Military Rd to Western Ave NW

All amounts shown in \$1,000s

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
State	0/100/0		639 a	2,796 a	2,796 c	18,988 c		24,580	47,780
STBG	83/17/0		5,932 a			7,200 c	16,000 c	23,200	
			200 b 13,500 c						

Title: Bridge Design

TIP ID: 3202 **Agency ID:** CD032C, MNT05A

Description: This project provides design solutions for bridges and performs analysis, cost estimates for construction.

- a. Bridge Design
- b. Structures and Bridges Engineering

All amounts shown in \$1,000s

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
NHPP	83/17/0		1,043 a	723 a	723 a	723 a	1,178 a	3,347	5,304
STBG	83/17/0		508 a	428 a	428 a	428 a	673 a	1,957	

FY 2021-2024 TRANSPORTATION IMPROVEMENT PROGRAM

Scheduled for adoption by the National Capital Region Transportation Planning Board on
March 18, 2020

Title: Transportation Alternatives Program

TIP ID: 3210 **Agency ID:** AF049A

Description: The TAP or TA Set-Aside is a reimbursable federal aid funding program for transportation-related community projects designed to strengthen the intermodal transportation system. The program aims to expand travel choice, strengthen the local economy, improve the quality of life, and protect the environment by supporting non-traditional projects linked to the transportation system. Projects will be reviewed through a competitive process and selected based upon a number of criteria including the project's expected benefits to the community, feasibility and project readiness, consistency with agency plans and missions, and the sponsor's demonstrated ability to manage a federal-aid project.

- a. Constitution Ave and 18th St NW Crosswalk and Paths Improvement
- b. Jay St NE Smart Bio-retention
- c. Palisades (Glen Echo) Trolley Trail Preliminary Design
- d. Prather's Alley Safety Improvements
- e. Protected Mobility Lanes on M Street SE
- f. Rock Creek Park Military Road Feasibility Study
- g. Taft Bridge Lion Statue Restoration
- h. Union Station Masonry Restoration Project
- i. Union Station Roman Legionnaires and Interior Restoration
- j. Union Station Roman Legionnaires and Vestibules Restoration
- k. Water Street Staircase and Trailhead Improvements

All amounts shown in \$1,000s

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
TAP	80/20/0	1,310 c	1,150 c	1,150 c	1,150 c	1,150 c	1,150 c	4,600	4,600

FY 2021-2024 TRANSPORTATION IMPROVEMENT PROGRAM

Scheduled for adoption by the National Capital Region Transportation Planning Board on
March 18, 2020

Title: Safety Improvements Citywide

TIP ID: 3212 **Agency ID:** CBO, CIO

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. Construction Estimate
- b. Pavement Skid Testing
- c. Road Safety Audit Program
- d. TARAS Crash Analysis Support
- e. Traffic Engineering Design
- f. Traffic Safety Construction
- g. Traffic Safety Data Center at Howard University
- h. Traffic Safety Design
- i. Traffic Safety Engineering Support Services

All amounts shown in \$1,000s

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
HSIP	90/10/0	5,350 a	2,600 a	4,125 a	4,125 a	4,125 a	4,125 a	21,436	44,796
		4,150 c	240 c	459 c	459 c	459 c	459 c		
			3,169 e	775 e	775 e	775 e	775 e		
SPR	80/20/0	175 a							
STBG	83/17/0	1,500 a	2,340 a	2,340 a	2,340 a	2,340 a	2,340 a	23,360	
		160 c	3,000 c	3,500 c	3,500 c	3,500 c	3,500 c		

FY 2021-2024 TRANSPORTATION IMPROVEMENT PROGRAM

Scheduled for adoption by the National Capital Region Transportation Planning Board on
March 18, 2020

Title: Planning and Management Systems

TIP ID: 3213 **Agency ID:** CAL16C, PM304C, CM070A, PM301C, PM0

- Description:**
- a. AASHTOWARE License Fee
 - b. ADA Asset Inventory and Compliance Evaluation
 - c. ADA Compliance Improvements
 - d. Audit and Compliance
 - e. Civil Rights / EEO compliance Monitoring Program
 - f. Constructability and Work Zone Safety Review
 - g. DBE On-Line Certification Application Program
 - h. DBE Supportive Services/QJT Supportive Services
 - i. Infrastructure Information Technology Support Services
 - j. ITS General Support
 - k. Metropolitan Planning
 - l. moveDC
 - m. Oversize/Overweight Routing Tool Maintenance and Enhancement
 - n. Research Development and Technology Transfer
 - o. Research Development and Technology Transfer Projects
 - 1. Pedestrian and Cyclist Intersection Safety Sandbox
 - 2. Low-Income Transit Fare Pilot Program Evaluation
 - 3. Impact of Micro-mobility on Capital Bikeshare and Transit Study
 - p. Small Business Compliance
 - q. SPR
 - r. State Freight Plan: Loading Zone Support
 - s. State Freight Plan: Truck Outreach
 - t. STIC Innovation Grant
 - u. Summer Transportation Institute
 - v. Transportation Asset Management Plan

All amounts shown in \$1,000s

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
CMAQ	80/20/0	50 a							63,648
NHFP	83/17/0	755 e	486 e	228 e	228 e	228 e	431 e	1,115	
SPR	80/20/0	150 c 1,550 d 3,000 e	1,550 d 3,000 e	1,550 d 3,000 e	1,550 d 3,000 e	1,550 d 3,000 e	1,550 d 3,000 e	18,200	
STBG 2	100/0/0	3,000 c							
STBG 9	83/17/0	6,100 a 381 c 4,474 e	1,431 a 2,542 c 1,250 d 9,146 e	800 a 2,554 c 8,430 e	500 a 3,566 c 6,580 e	700 a 2,577 c 7,315 e	700 a 2,577 c 1,250 d 6,284 e	43,833	
STIC	80/20/0	125 d	125 d	125 d	125 d	125 d	125 d	500	

Title: Federal Aid Pavement Restoration

TIP ID: 3215 **Agency ID:** SR092A

Description: Citywide pavement and resurfacing/restoration, upgrading of sidewalk, curb and gutter, and wheelchair ramps.

All amounts shown in \$1,000s

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
STBG	83/17/0	15,800 c	9,300 c	9,300 c	9,300 c	9,300 c	9,300 c	37,200	37,200

AGENCY: DDOT

Scheduled for adoption by the National Capital Region Transportation Planning Board on

FY 2021-2024 TRANSPORTATION IMPROVEMENT PROGRAM

Scheduled for adoption by the National Capital Region Transportation Planning Board on
March 18, 2020

Title: Traffic Operations Improvements Citywide

TIP ID: 3216 **Agency ID:** OSS07A, CIO60A, CIO34A, CIO35A, PM097A,

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. Projects include:

- a. Construction of Fiber Communication Networks on Major Arterial Corridors
- b. ITS Maintenance
- c. MATOC
- d. Moveable Barrier System
- e. Thermoplastic Pavements Markings
- f. TMC Cybersecurity Improvements
- g. TMC Hardware and Data Services
- h. Traffic Management Center Operations

All amounts shown in \$1,000s

SOURCE CODE	Federal/State/Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
HSIP	90/10/0	3,900 c	2,000 c	2,000 c	2,000 c	2,000 c	2,000 c	8,000	36,228
NHPP	83/17/0	3,600 c	400 c	400 c	400 c	400 c	400 c	1,600	
STBG	83/17/0	7,069 c 1,270 e	16,186 c 1,022 e	6,150 c 1,022 e	6,195 c 1,022 e	6,195 c 1,022 e	4,000 c 1,022 e	26,628	

Title: Commuter Connections Program

TIP ID: 3219 **Agency ID:** ZU022A

Description: The purpose of the Commuter Connections Program is to reduce mobile source emissions through the reduction in the number of VMT, and support of other Transportation Control Measures. This project provides funding for Commuter Operations Center, Guaranteed Ride, Home, Marketing, Monitoring and Evaluation, Employer Outreach, and DC Kiosk.

All amounts shown in \$1,000s

SOURCE CODE	Federal/State/Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
CMAQ	80/20/0	715 a	675 a	710 a	684 a	708 a	779 a	2,881	2,881

FY 2021-2024 TRANSPORTATION IMPROVEMENT PROGRAM

Scheduled for adoption by the National Capital Region Transportation Planning Board on
March 18, 2020

Title: Stormwater-Hydraulic Structures and Flood Management Works

TIP ID: 3242 **Agency ID:** CA303C, MNT02

Description: The purpose of this project is to replace/rehab existing hydraulic structures as culverts, inlets, etc.. On a bi-annual basis and based on stormwater drainage problem occurrences the structures will be inspected. On an annual basis, structures will be rehabilitated or replaced depending on their condition. The project also assesses and manages flooding conditions on transportation infrastructures.

- a. Culvert 181-C Pope Branch Drainage Improvements
- b. Culvert 90C Replacement
- c. Culvert Inspection
- d. Drainage and Stormwater Improvements
- e. University Terrace NW Drainage Improvements

All amounts shown in \$1,000s

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
State	0/100/0	1,341 a	500 a						22,600
STBG	83/17/0	2,859 a	2,900 a	2,500 a	1,700 a	1,700 a	1,900 a	22,600	
		4,300 c	3,000 c	4,400 c	4,400 c	3,000 c	3,000 c		

Title: Bridge Inspection

TIP ID: 3243 **Agency ID:** CD062A

Description: Work under this contract consists of performing detailed condition inspections and evaluations of all highway and pedestrian bridges, and tunnels and underpasses under the ownership of the District of Columbia in accordance with the DDOT Bridge Inspection Manual of Procedures and the National Bridge Inspection Standards (NBIS). Safety inspections of railroad owned bridges crossing District streets shall also be performed. Selected inspections of culverts, walls and overhead sign structures shall be performed as needed via contract modifications.

All amounts shown in \$1,000s

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
HBRRP	83/17/0		112 a	225 a		115 a	119 a	459	9,153
NHPP	83/17/0	2,450 a	1,450 a	2,925 a		1,495 a	1,544 a	5,964	
STBG 9	83/17/0		669 a	1,350 a		690 a	690 a	2,730	

Title: Professional Capacity-Building Strategy

TIP ID: 3355 **Agency ID:** PM086A

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.

All amounts shown in \$1,000s

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
STBG	100/0/0	1,500 e	1,500 e	1,500 e	1,500 e	1,500 e	1,500 e	6,000	6,000

FY 2021-2024 TRANSPORTATION IMPROVEMENT PROGRAM

Scheduled for adoption by the National Capital Region Transportation Planning Board on
March 18, 2020

Title: Emergency Transportation Project

TIP ID: 5298 **Agency ID:** AF067A

Description: The purpose of this project is to provide a vehicle that allows the Department to respond to emergencies or other unforeseen events that are not budgeted or planned such as major pavement failures, sinkholes, falling steel or concrete from bridges and other urgent needs.

All amounts shown in \$1,000s

SOURCE CODE	Federal/State/Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
STBG	83/17/0	25 c	25 c	25 c	25 c	25 c	100	100

Title: Neighborhood Streetscape Improvements

TIP ID: 5308 **Agency ID:** SR070A, ED070A, MNT04A, MNT07A

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

- a. 14th St from Thomas Cir to Florida Ave NW Streetscape
- b. U St from Florida Ave to 14th St NW
- c. U St from 14th St to 18th St NW
- d. Sheriff Rd from 43rd St to 51st St NE Safety Improvements
- e. Missouri Ave, Kansas Ave, Kennedy St NW Intersection Improvements
- f. 15th Street NW Intersection Safety Improvements

All amounts shown in \$1,000s

SOURCE CODE	Federal/State/Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
STBG	83/17/0	515 c	800 c	1,500 a			1,500	1,500

Title: Urban Forestry Program

TIP ID: 5313 **Agency ID:** CG311, CG312, CG313, CG314

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

All amounts shown in \$1,000s

SOURCE CODE	Federal/State/Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
NHPP	83/17/0	200 c	200 c	200 c	200 c	200 c	800	2,000
STBG	83/17/0	300 c	300 c	300 c	300 c	300 c	1,200	

FY 2021-2024 TRANSPORTATION IMPROVEMENT PROGRAM

Scheduled for adoption by the National Capital Region Transportation Planning Board on
March 18, 2020

Title: Guiderails and Attenuators

TIP ID: 5316 **Agency ID:** CD062A

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.

- a. Guiderails and Attenuators Inventory and Design
- b. Guiderails and Attenuators Repair and Replacement

All amounts shown in \$1,000s

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
HSIP	100/0/0	1,600 c	200 c	2,625 c	100 a	2,625 c	5,250 c	13,325	13,325
					2,725 c				

Title: Environmental Management System

TIP ID: 5322 **Agency ID:** CM085A

Description: Maintain DDOT's environmental management system and update, as necessary, the DDOT Environmental Policy and Process manual. This project will also enable the review and processing of environmental documentation.

All amounts shown in \$1,000s

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
CMAQ	80/20/0	600 a	553 a	553 a	553 a	553 a	553 a	2,212	2,212

Title: Roadway Pavement Condition Assessment

TIP ID: 5323 **Agency ID:** MNT06A, SR091A

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

All amounts shown in \$1,000s

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
STBG	83/17/0	1,100 e	1,200 e	1,200 e	1,250 e	1,250 e	1,300 e	5,000	5,000

Title: Pavement Restoration - NHPP Streets

TIP ID: 5339 **Agency ID:** SR037A

Description: Resurfacing of selected roadway segments on the National Highway System (NHPP), repair-replacement of curbs, gutters and sidewalks, driveways, base pavements, perimeter fencing, furnishing sewer-water manhole frames, catch basin tops, and removal of roadway and roadside debris.

All amounts shown in \$1,000s

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
NHPP	83/17/0	150 a	10,000 c	10,000 c	10,000 c	10,000 c	10,000 c	40,000	40,000
		16,500 c							

FY 2021-2024 TRANSPORTATION IMPROVEMENT PROGRAM

Scheduled for adoption by the National Capital Region Transportation Planning Board on
March 18, 2020

Title: Traffic Signal Maintenance

TIP ID: 5347 **Agency ID:** CI046A, CI047A, CI063A, CI055A, CI056A, CI

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

- a. Traffic Signal and Streetlight Utility Locating and Marking
- b. Traffic Signal Construction Contract
- c. Traffic Signal Maintenance
- d. Traffic Signal Management and Design
- e. Traffic Signal Optimization
- f. Traffic Signal System Management
- g. Traffic Signal Consultant Design
- h. Traffic Signal Systems Analysis
- i. Traffic Signal On-site Support Services

All amounts shown in \$1,000s

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
NHPP	83/17/0	5,425 c	7,558 c	7,558 c	7,558 c	7,558 c	7,558 c	30,232	77,232
State	0/100/0		840 c	840 c	840 c	840 c	840 c	3,360	
STBG	83/17/0	4,150 a 8,900 c 1,300 d	2,000 a 6,860 c 1,300 d	1,000 a 7,360 c 1,300 d	3,000 a 7,360 c 1,300 d	2,500 a 7,360 c 1,300 d	2,500 a 7,360 c 1,300 d	43,640	

Title: Bridge Management

TIP ID: 5433 **Agency ID:** PM094A, CD053A

Description: Daily assessment of the condition of the District's bridges. Developing strategies for their preventive maintenance, rehabilitation and reconstruction. Maintenance of the Department's bridge records, recording the condition of all bridges into the Bridge Management System and annually reporting the data to FHWA.

All amounts shown in \$1,000s

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
NHPP	83/17/0	350 e	350 e	350 e	350 e	375 e	375 e	1,450	1,450

Title: Program Manager AWI

TIP ID: 5802 **Agency ID:** AW035A

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

All amounts shown in \$1,000s

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
NHPP 1	83/17/0	1,500 a	2,000 a	1,500 a	1,500 a	1,500 a	1,500 a	6,000	6,000

FY 2021-2024 TRANSPORTATION IMPROVEMENT PROGRAM

Scheduled for adoption by the National Capital Region Transportation Planning Board on
March 18, 2020

Title: District Freight Planning Program

TIP ID: 5922 **Agency ID:** AF081A

Description: Development and updates of a District freight plan to enhance the safety and efficiency of goods movement for freight planning improvement and freight project implementation.

a. State Freight Plan

All amounts shown in \$1,000s

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
NHFP	80/20/0		200 d					

Title: 5303/5304 FTA Program

TIP ID: 6102 **Agency ID:**

Description: DDOT receives an annual FTA grant appropriation to support metropolitan planning activities (5303) and Statewide/DC based Planning Activities (5304).

All amounts shown in \$1,000s

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
Sect. 5303	80/20/0	2,835 a	415 a					
Sect. 5304	80/20/0	748 a	110 a					

Title: DC Circulator

TIP ID: 6105 **Agency ID:**

Description: DC Circulator capital projects.

- a. DC Circulator On-Board Photo Enforcement
- b. DC Circulator South Capitol Street Facility Improvements
- c. DC Circulator Sustainability and Zero Emissions Fleet Transition Plan

All amounts shown in \$1,000s

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
Sect. 5339 (a)	80/20/0		1,740 a					
State	0/100/0	750 c 70,953 e	100 e					
STBG 9	83/17/0		470 d					

FY 2021-2024 TRANSPORTATION IMPROVEMENT PROGRAM

Scheduled for adoption by the National Capital Region Transportation Planning Board on
March 18, 2020

Title: Traffic Signal LED Replacement

TIP ID: 6115 Agency ID: C1040A

Description: Replace traffic and pedestrian signal LED modules at all signalized intersections on the surface transportation systems.

All amounts shown in \$1,000s

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
NHPP	83/17/0	4,200 c	1,080 c	1,080 c	1,080 c	1,080 c	1,080 c	4,320	6,930
STBG 9	83/17/0	3,210 c	540 c	990 c	540 c	540 c	540 c	2,610	
STBG 9	83/20/0	3,210 c	540 c	990 c	540 c	540 c	540 c	2,610	

Title: Subsurface Investigation & AM Program Support

TIP ID: 6502 Agency ID:

Description: Subsurface Pavement Engineering to determine characteristics of roadway and to perform adequate analysis for pavement design, engineering and support for asset management program

All amounts shown in \$1,000s

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
STBG 2	83/17/0	681 a	340 a	340 a	340 a	340 a	340 a	1,360	1,360

Title: Overhead Freeway Sign Maintenance

TIP ID: 6610 Agency ID: CFPID170319

Description: Repair and replacement of damaged overhead/oversized signage, primarily located along Interstate system. This project will facilitate replacement of damaged signs that are too large to fabricate and install in-house.

All amounts shown in \$1,000s

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
NHPP	83/17/0	1,200 c	600 c	600 c	600 c	600 c	600 c	2,400	2,400

Title: Citywide Streetlights P3

TIP ID: 6625 Agency ID:

Description: This project will be to develop a Private, Public, Partnership (P3) for the Streetlights in the District of Columbia. The P3 will include the conversion of all District Streetlights to LED in addition to a long-term, performance-based asset management contract. Work to develop the P3 will include technical, legal, and financial aspects of the project which will be developed into an RFP. Section 106 and NEPA work will also be included during the development of the RFP. This project will be split 42% Local, 23% NHPP and 35% STP. The development of the P3 is anticipated to take between 12 and 18 months. The P3 contract will be for between 10 and 15 years.

All amounts shown in \$1,000s

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
NHPP	83/17/0	4,048 a	5,381 c	6,352 c	6,352 c	6,352 c	6,352 c	25,408	109,524
State	0/100/0	7,654 a	9,625 c	11,500 c	11,500 c	11,500 c	11,500 c	46,000	
STBG	83/17/0	4,160 a	8,051 c	9,529 c	9,529 c	9,529 c	9,529 c	38,116	

FY 2021-2024 TRANSPORTATION IMPROVEMENT PROGRAM

Scheduled for adoption by the National Capital Region Transportation Planning Board on
March 18, 2020

Agency: District Department of Transportation

Title: Great Streets - Pennsylvania Ave, SE

TIP ID:	2743	Description:	Projected completion:	2023
Agency ID:	ED0B1A	Construct facilities to improve reliability and safety of transit services, including transit lanes; provide bicycle lanes; and improve pedestrian circulation. Phase II will include work on Pennsylvania Ave. SE from the Sousa Bridge to west of 27th St. SE. a. Pennsylvania Ave and Minnesota Ave SE Intersection Improvements		
Facility:	Pennsylvania Ave. SE			
From:	Sousa Bridge			
To:	27th St. SE (west of)			

All amounts shown in \$1,000s Total Cost: **\$21,000**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
NHPP	83/17/0	6,238 a	15,000 c					

Title: Klingle Trail

TIP ID:	2806	Description:	Projected completion:	
Agency ID:	SR065A	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.		
Facility:	Klingle Road NW			
From:	Porter Street NW			
To:	Woodley Road NW			

All amounts shown in \$1,000s Total Cost: **\$7,500**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
CMAQ	80/20/0	9,137 c						1
State	0/100/0					1 c	1	

Title: Great Streets - Minnesota Ave, NE

TIP ID:	2922	Description:	Projected completion:	2021
Agency ID:	ED064A	Reconstruction of Minnesota Avenue from A St., SE to Sheriff Rd., NE including LIDs, streetscape. Schedule is impacted by Benning Streetcar study. Project will be split into two projects to mitigate impacts. A. Minnesota Ave from A St SE to Dix St NE B. Minnesota Ave from Dix St to Sheriff Rd NE		
Facility:	Minnesota Ave			
From:	A Street, NE			
To:	Sheriff Road, NE			

All amounts shown in \$1,000s Total Cost: **\$15,972**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
STBG	80/20/0	1,700 a	272 c					
		14,175 c						

FY 2021-2024 TRANSPORTATION IMPROVEMENT PROGRAM

Scheduled for adoption by the National Capital Region Transportation Planning Board on
March 18, 2020

Title: 11th Street Bridges SE, Replace and Reconfigure

TIP ID:	3193	Description:	Projected completion:
Agency ID:	CD056A	To replace existing structure with new structures and provide direct access from I-295 to Downtown DC (via I-395). To include work for: a. I-695 Eastbound D4 Ramp Design	
Facility:	11th Street Bridge and Interchan		
From:			
To:			

All amounts shown in \$1,000s

Total Cost: \$37,500

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
NHPP	83/17/0	6,000 a 31,000 c						2,701
State	0/100/0					1 c	1	

Title: Metropolitan Branch Trail

TIP ID:	3228	Description:	Projected completion:
Agency ID:	AF073A, ZU024A	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. a. L & M St. b. Ft. Totten to Takoma c. Manor Park Re-Alignment	
Facility:	Union Station District Line		
From:			
To:			

All amounts shown in \$1,000s

Total Cost: \$35,000

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
CMAQ	80/20/0	900 a 13,400 c	1,750 a	10,000 c		5,000 c	15,000	15,000
DEMO	80/20/0	2,192 a 1,200 c						

FY 2021-2024 TRANSPORTATION IMPROVEMENT PROGRAM

Scheduled for adoption by the National Capital Region Transportation Planning Board on
March 18, 2020

Title: Rock Creek Park Trail

TIP ID:	3230	Description:	Projected completion:	2022
Agency ID:	AF005A	Rehabilitate the paved trail in Rock Creek Park including selected widening, resurfacing, new connections, and a new bridge south of the Zoo tunnel. Retaining wall repair on Piney Branch.		
Facility:	M Street to Beach Drive			
From:	Piney Branch Pkwy			
To:	16th Street			

All amounts shown in \$1,000s Total Cost: **\$26,000**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
CMAQ	80/20/0	19,400 c	7,100 c						
DEMO	80/20/0	500 a							

Title: Kenilworth Ave NE Reconstruction

TIP ID:	3290	Description:	Projected completion:	2021
Agency ID:	SR049A	Design of Kenilworth Ave/I295 from East Capitol Street, NE to Penn Rail Road Bridge over pass is a total reconstruction project. The length of the project is about 2,600 both directions. The design project will include upgrade of the existing curb and gutter, replace existing fences, remove the existing temporary Jersey Barriers and replace with permanent Jersey Barriers and address the current hydraulic problem. a: NB Kenilworth Ave NE Reconstruction b: SB Kenilworth Ave NE Reconstruction		
Facility:	Kenilworth Ave, NE			
From:	East Capitol St Ramp			
To:	Rail Over Pass north of Benning Rd			

All amounts shown in \$1,000s Total Cost: **\$13,050**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
NHPP	80/20/0	898 a							1
		21,050 c							
NHPP	83/17/0	898 a							
		21,050 c							
State	0/100/0						1 c	1	

FY 2021-2024 TRANSPORTATION IMPROVEMENT PROGRAM

Scheduled for adoption by the National Capital Region Transportation Planning Board on
March 18, 2020

Title: South Capitol Street Corridor

TIP ID:	3423	Description:	Projected completion:	2025
Agency ID:	AW011, AW024A, AW001A, AW025A, CKTB	Redevelopment of the South Capitol Street corridor is a part of the Anacostia Waterfront Initiative. a. New Frederick Douglass Memorial Bridge b. Suitland Parkway and I-295 Interchange Reconfiguration c. Martin Luther King Jr. Ave. and Suitland Parkway Interchange Reconfiguration d. South Capitol St from N St to SE/SW Freeway Boulevard Streetscape e. New Jersey Ave SE Streetscape improvements f. South Capitol Street Corridor Phase 2		
Facility:				
From:	N St, MLK Ave, Suitland Pkwy, Memorial Brid			
To:				

All amounts shown in \$1,000s Total Cost: **\$555,000**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
DEMO	80/20/0	103,918 c							154,700
GARVEE	80/20/0	132,960 c	13,100 c	90,600 c	63,100 c			153,700	
HIP	80/20/0	2,090 c							
NHPP	80/20/0	24,600 c		1,000 d				1,000	
State	0/100/0	145,740 c	81,900 c						

Title: Anacostia Riverwalk Trail

TIP ID:	3508	Description:	Projected completion:	2026
Agency ID:	AW016, AW017, AW022A, AW024A, AW026	The Riverwalk is a multi-use trail along the east and west sides of the Anacostia River. It will serve as a recreational amenity and transportation alternative for a wide range of users including bicyclist, inline skaters, pedestrians, persons with disabilities, and others. a. Anacostia Park Trail Connector b. Buzzard Point and Virginia Ave. Connections c. Kenilworth Garden Trails d. Kenilworth Parkside to Maryland Ave.		
Facility:				
From:				
To:				

All amounts shown in \$1,000s Total Cost: **\$12,350**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
ARRA/TIGER	100/0/0	12,000 c							
STBG 9	83/17/0		350 a						

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Scheduled for adoption by the National Capital Region Transportation Planning Board on
March 18, 2020

Title: Blair / Cedar / 4th Street NW

TIP ID:	5315	Description:	Projected completion:
Agency ID:	MRR09A	Implementation of recommendations from the Takoma Study, including new traffic signals, sidewalks, curbs and gutters.	
Facility:	Intersection of Blair/Cedar and 4th		
From:			
To:			

All amounts shown in \$1,000s Total Cost: **\$12,750**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
HSIP	90/10/0	100 a						
		3,950 c						
STBG	80/20/0	300 a	831 c					
		10,100 c						

Title: Kenilworth Ave NE Pedestrian Bridges Replacement

TIP ID:	5337	Description:	Projected completion:
Agency ID:	CD051A	This project will fund the replacement of the deck, approach slabs, bearing joints; and repair the substructure and repaint steel. a. Douglas St NE Pedestrian Bridge Replacement	
Facility:	Kenilworth Ave NE		
From:			
To:			

All amounts shown in \$1,000s Total Cost: **\$19,000**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
STBG 9	83/17/0	2,350 a	15,075 c					
		2,500 b						

Title: Approach Bridges to 14th Street Bridge

TIP ID:	5342	Description:	Projected completion:
Agency ID:	CD046A	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).	2024
Facility:	14th Street Bridge northbound over the Poto		
From:			
To:			

All amounts shown in \$1,000s Total Cost: **\$34,000**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
NHPP	90/10/0	6,750 a		28,000 c			28,000	28,000

AGENCY: DDOT

FY 2021-2024 TRANSPORTATION IMPROVEMENT PROGRAM

Scheduled for adoption by the National Capital Region Transportation Planning Board on
March 18, 2020

Title: Theodore Roosevelt Bridge Rehabilitation

TIP ID:	5346	Description:	Projected completion:	2025
Agency ID:	CD026	Maintain the structure's service life for 30 years and improve safety by making necessary repairs to the existing structure. Improve safety by bringing the combined pedestrian/bicycle sidewalk into compliance with safety standards.		
Facility:				
From:				
To:				

All amounts shown in \$1,000s Total Cost: **\$120,000**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
NHPP	90/10/0	3,964 a 25 b 1,023 c	700 a		58,000 c	58,000 c	116,000	116,000

Title: Southern Ave SE Improvements

TIP ID:	5353	Description:	Projected completion:	
Agency ID:	ED028A	The purpose of the project is to implement transportation improvements that improve vehicular, pedestrian, and bicycle safety, maintain mobility, and correct roadway facility deficiencies through the project area. a. Southern Ave from Barnaby Rd SE to UMC Campus b. Southern Ave from South Capitol St to Barnaby St SE c. Southern Ave from UMC Campus to 23rd St SE		
Facility:	Southern Ave SE			
From:	South Capitol St SE			
To:	23rd St SE			

All amounts shown in \$1,000s Total Cost: **\$45,000**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
State	0/100/0		6,239 c					11,000
STBG 9	83/17/0	2,200 a 32,000 c	1,000 a			1,000 a	11,000	
			5,261 c			10,000 c		

Title: Streetlight Asset Management

TIP ID:	5385	Description:	Projected completion:	
Agency ID:	AD020A	This project will provide maintenance for the District's lighting system to provide safe operations. Work includes upgrade of lights in tunnels and underpasses, bridges, highways, overhead guide sign lighting, obsolete incandescent and mercury vapor lights as well as navigation lights on bridges and waterways.		
Facility:				
From:				
To:				

All amounts shown in \$1,000s Total Cost: **\$26,653**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
NHPP	83/17/0	3,840 c	2,229 c					
State	0/100/0	7,000 c	3,601 c					
STBG	83/17/0	5,760 c	3,391 c					

AGENCY: DDOT

FY 2021-2024 TRANSPORTATION IMPROVEMENT PROGRAM

Scheduled for adoption by the National Capital Region Transportation Planning Board on
March 18, 2020

Title: Pennsylvania Ave NW Bridge over Rock Creek

TIP ID:	5432	Description:	Projected completion:
Agency ID:	CD049A	Rehabilitation of Bridge # 118, Pennsylvania Ave. NW over Rock Creek	
Facility:	Pennsylvania Ave. NW over Rock Creek		
From:			
To:			

All amounts shown in \$1,000s Total Cost: **\$6,100**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
HBRRP	80/20/0	50 b						1
NHPP	83/17/0	6,040 c						
State	0/100/0					1 c	1	

Title: Streetlight Construction

TIP ID:	5439	Description:	Projected completion:
Agency ID:	AD017A	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.	
Facility:	citywide		
From:	citywide		
To:			

All amounts shown in \$1,000s Total Cost: **\$7,142**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
State	0/100/0		300 a 2,700 c					30
STBG	83/17/0	300 a 2,700 c	111 a 1,001 c			30 a	30	

Title: Garvee Bond Debt Service - 11th Street Bridge SE Replacement

TIP ID:	5554	Description:	Projected completion:
Agency ID:	HTF02A	This project is to fund the debt service on the 11th Street Bridge SE Replacement.	
Facility:			
From:			
To:			

All amounts shown in \$1,000s Total Cost: **\$176,500**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
NHPP	100/0/0	70,615 c	11,770 c	11,767 c	11,770 c	11,767 c	11,768 c	47,072
								47,072

FY 2021-2024 TRANSPORTATION IMPROVEMENT PROGRAM

Scheduled for adoption by the National Capital Region Transportation Planning Board on
March 18, 2020

Title: St. Elizabeths Campuses Access Improvements

TIP ID:	5723	Description:	Projected completion:	2025
Agency ID:	AW027A	Multimodal transportation improvements to accommodate the DHS consolidation at ST. Elizabeths East and West Campuses, and other nearby development. West Campus project will improve access and transportation flow in and around the area. Improvements include I-295 interchange reconfigurations, roadway, safety, ITS and operational improvements to nearby streets. Project details include: <ul style="list-style-type: none"> a. I-295 interchange reconfigurations – I-295/Malcolm X Ave., I-295/South Capitol St.; Malcolm X Ave. east and west of I-295- (PE) b. Roadway infrastructure in and around the two campuses – 13th St., Sycamore St., Dogwood St., Pecan St. Cypress St., and West Campus Access Rd. - (PE) c. MLK Ave, Malcolm X Ave., Firth Sterling, Alabama Ave. - (PE) 		
Facility:				
From:				
To:				

All amounts shown in \$1,000s Total Cost: **\$108,980**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
GSA Earmark 80/20/0		8,860 a						1
		205,700 c						
State	0/100/0					1 c	1	

Title: Benning Road Reconstruction and Streetcar Extension

TIP ID:	5754	Description:	Projected completion:	
Agency ID:	CM080A	The Benning Road Reconstruction and Streetcar Extension project includes design, civil engineering oversight, and project management. In out years, the project also includes final design, utility coordination, construction engineering, and construction.		
Facility:	Benning Rd NE			
From:	Oklahoma Ave NE			
To:	East Capitol St NE			

All amounts shown in \$1,000s Total Cost: **\$225,000**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
CMAQ	80/20/0	3,200 a						158,177
NHPP	83/17/0		13,000 a	45,455 c	36,048 c	15,415 c	96,918	
State	0/100/0	14,400 a	6,065 a	27,750 c	33,509 c		61,259	
		23,614 c	25,000 c					

FY 2021-2024 TRANSPORTATION IMPROVEMENT PROGRAM

Scheduled for adoption by the National Capital Region Transportation Planning Board on
March 18, 2020

Title: Union Station to Georgetown Transit

TIP ID:	5755	Description:	Projected completion:	2026
Agency ID:	STC12A	The K Street Transitway would reconfigure K Street NW between 9th St. and 21st St. NW to have two center-running dedicated lane and two to three lanes in each direction for general traffic. The configuration of the transitway could be built for future conversion to streetcar. a. K Street Transitway		
Facility:				
From:				
To:				

All amounts shown in \$1,000s Total Cost: **\$120,000**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
CMAQ	80/20/0	1,500 d		4,000 a				4,000	114,000
NHPP	80/20/0	7,500 a							
State	0/100/0	6,250 a 7,000 c			20,000 c	90,000 c		110,000	

Title: C Street NE Implementation

TIP ID:	5792	Description:	Projected completion:	2023
Agency ID:	EDOC2A	Mill and overlay the pavement surface, reconstruct sidewalks and roadway pavement as needed on C Street from 14th Street, NE to 22nd Street, NE and North Carolina Ave from 14th Street, NE to 16th Street, NE, new retaining wall at proposed sidewalk, installation of bulb-outs and bus pads, granite curb & brick gutter, crosswalks, pavement marking and wheelchair ramps. Upgrading of streetlights, traffic signals and drainage structures. Other design elements considered for the project are ADA compliance, LID elements and protected bike facilities.		
Facility:	C Street NE and North Carolina Ave NE			
From:	14th St NE			
To:	22nd St NE			

All amounts shown in \$1,000s Total Cost: **\$22,800**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
STBG 9	83/17/0	1,793 a	100 a 21,000 c						

FY 2021-2024 TRANSPORTATION IMPROVEMENT PROGRAM

Scheduled for adoption by the National Capital Region Transportation Planning Board on
March 18, 2020

Title: Pennsylvania Ave and Potomac Ave SE Intersection Improvements

TIP ID:	5957	Description:	Projected completion:
Agency ID:	AWO, EW002C	Pedestrian and Bicycle Safety improvements including reconfiguration of the Pennsylvania Ave/Potomac Avenue intersection, new signals and crosswalks and improvement access to the Potomac Metro station.	
Facility:	Pennsylvania Ave SE		
From:	Potomac Ave SE		
To:			

All amounts shown in \$1,000s Total Cost: **\$22,000**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
HSIP	80/20/0	3,000 a 5,750 c						11,000
NHPP	83/17/0	1,800 a				1,000 c	1,000	
State	0/100/0					5,696 c	5,696	
STBG 9	83/17/0					4,304 c	4,304	

Title: Maryland Avenue NE Road Diet

TIP ID:	6014	Description:	Projected completion:
Agency ID:	SR088A	To improve pedestrian safety on Maryland Avenue from 2nd Street to 15th Street NE.	2023
Facility:	Maryland Ave. NE		
From:	2nd Street NE		
To:	15th Street NE		

All amounts shown in \$1,000s Total Cost: **\$28,000**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
State	0/100/0	3,700 c				1 c	1	1
STBG 9	83/17/0	2,300 a 22,600 c						

Title: Garvee Bond Debt Service - South Capitol St

TIP ID:	6038	Description:	Projected completion:
Agency ID:		This project is to fund the debt service on the Frederick Douglas Memorial Bridge replacement.	2034
Facility:			
From:			
To:			

All amounts shown in \$1,000s Total Cost: **\$391,000**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
NHPP	83/17/0			26,080 c	26,080 c	26,080 c	104,320	104,320
NHPP 1	100/0/0		3,416 c					

AGENCY: DDOT

FY 2021-2024 TRANSPORTATION IMPROVEMENT PROGRAM

Scheduled for adoption by the National Capital Region Transportation Planning Board on
March 18, 2020

Title: H Street Bridge over Railroad

TIP ID:	6039	Description:	Projected completion:	2025
Agency ID:	CD054A	Conduct environmental assessments. Prepare concept designs, design plans and specifications and construct documents for bridge replacement/rehabilitation. Includes work on the H Street NE Bridge from North Capitol St. to 3rd St. NE. The bridge will be reconstructed to accommodate the H/Benning Streetcar Line, allow for Amtrak to increase its capacities in its Union Station rail yard, and allow for development of the air rights above the rail yard.		
Facility:	H Street NE			
From:	North Capitol St			
To:	3rd Street NE			

All amounts shown in \$1,000s Total Cost: **\$211,205**

SOURCE CODE	Federal/State/Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
NHPP	80/20/0	1,000 a							197,664
State	0/100/0	9,000 a 14,250 c	13,541 c	33,122 c	66,795 c	75,983 c	21,764 c	197,664	

Title: Anacostia Freeway Bridges over Nicholson St SE

TIP ID:	6082	Description:	Projected completion:	
Agency ID:	MRR15A	Rehabilitation of subject bridges to eliminate all deficiencies and to make the facility safe for the traveling public.		
Facility:	Anacostia Freeway Bridges at Nicholson			
From:				
To:				

All amounts shown in \$1,000s Total Cost: **\$16,050**

SOURCE CODE	Federal/State/Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
NHPP	80/20/0	1,000 a 14,000 c	1,050 c						1
State	0/100/0						1 c	1	

Title: Anacostia Freeway Bridges over South Capitol St

TIP ID:	6097	Description:	Projected completion:	
Agency ID:	MRR14A	Rehabilitation or replacement of subject bridges to eliminate all structural deficiencies and to make the facilities safe for the traveling public.		
Facility:	Anacostia Freeway over South Capitol Street			
From:				
To:				

All amounts shown in \$1,000s Total Cost: **\$21,000**

SOURCE CODE	Federal/State/Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
NHPP	80/20/0	1,000 a 12,097 c							1
State	0/100/0						1 c	1	

FY 2021-2024 TRANSPORTATION IMPROVEMENT PROGRAM

Scheduled for adoption by the National Capital Region Transportation Planning Board on
March 18, 2020

Title: South Capitol Street Trail

TIP ID:	6114	🚲	Description:	Projected completion:
Agency ID:	ZUT10C			Design and construct a paved bicycle and pedestrian trail along South Capitol Street.
Facility:				
From:				
To:				

All amounts shown in \$1,000s Total Cost: **\$12,964**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
CMAQ	80/20/0	1,700 a	500 a				11,000 c	11,000	11,000

Title: Cleveland Park Improvements

TIP ID:	6193		Description:	Projected completion:
Agency ID:	PM0D7A			The objective of the this project is to address the local reoccurring flooding problem near the Cleveland Park Metro Station and to improve pedestrian safety, access and visibility at all intersections; and introduce public realm improvements along the corridor of Connecticut Avenue from Macomb Street to Quebec Street, NW.
Facility:				
From:				
To:				

- a. Cleveland Park Drainage and Watershed Improvements
- b. Cleveland Park Streetscape Improvements

All amounts shown in \$1,000s Total Cost: **\$36,000**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
HSIP	90/10/0		16,100 c						15,000
NHPP	83/17/0	766 a							
		2,415 c							
State	0/100/0	1,000 a							
STBG 9	83/17/0	1,000 a					15,000 c	15,000	

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Scheduled for adoption by the National Capital Region Transportation Planning Board on
March 18, 2020

Title: Florida Ave NE Streetscape

TIP ID:	6195	Description:	Projected completion:
Agency ID:	ZU033A	Implementation of Florida Avenue Transportation Study recommendations, which includes reconstruction, safety improvements, and streetscape upgrades. a. Florida Ave from 2nd St to H St NE b. Florida Ave and New York Ave NE Intersection	
Facility:	Florida Ave NE		
From:			
To:			

All amounts shown in \$1,000s Total Cost: **\$66,500**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
NHPP	83/17/0		1,500 a						
			1,000 b						
			2,000 c						
State	0/100/0	35,000 b	11,393 c						
STBG 9	83/17/0	5,500 a	8,607 c						
		1,150 b							

Title: New York Ave NE Improvements

TIP ID:	6230	Description:	Projected completion:
Agency ID:	ZU010A	Improvements to New York Ave NE including: a. New York Ave at Bladensburg Rd NE Sign Structure Replacement b. New York Ave NE Streetscape and Trail	2024
Facility:	New York Ave NE		
From:	Florida Ave NE		
To:	Bladensburg Rd NE		

All amounts shown in \$1,000s Total Cost: **\$36,000**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
CMAQ	80/20/0	700 a						29,748	
		3,300 c							
State	0/100/0		4,500 a	29,748 c			29,748		
STBG 9	83/17/0		400 c						

FY 2021-2024 TRANSPORTATION IMPROVEMENT PROGRAM

Scheduled for adoption by the National Capital Region Transportation Planning Board on
March 18, 2020

Title: Safety and Geometric Improvements of I-295

TIP ID:	6240	Description:	Projected completion:	2023
Agency ID:	MRR01A	Safety and geometry improvement of I295/DC 295. Work includes upgrade substandard ramps, extend merge area & acceleration lane, review slip ramps, complete missing interchange movements, reduce congestion, provide access for vehicular traffic, pedestrian and cyclists that include, road configuration, sidewalk improvement, pavement markings, median, island, traffic signal, signs, street lighting, and guardrails at interchanges along I-295/DC 295 between Eastern Avenue and Chesapeake St. a. Safety and Geometric Improvements of I-295 (Long Term) b. Safety and Geometric Improvements of I-295 (Short Term)		
Facility:	I-295/DC-295			
From:				
To:				

All amounts shown in \$1,000s Total Cost: **\$34,616**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
CMAQ	90/10/0	12,000 c						
NHPP	83/17/0	3,500 a	4,616 c					
			1,000 d					

Title: East Capitol Street Corridor Mobility & Safety Plan

TIP ID:	6315	🚲	Description:	Projected completion:	2027
Agency ID:	SR086A		Design and construct pedestrian safety and traffic operations improvements		
Facility:	Street				
From:					
To:					

All amounts shown in \$1,000s Total Cost: **\$26,800**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
HSIP	90/10/0	1,900 a				25,000 c	25,000	25,000
STBG	80/20/0	1,000 a						

Title: 16th St Bridge over Piney Branch Pkwy NW Rehabilitation

TIP ID:	6418	Description:	Projected completion:	2021
Agency ID:		Rehabilitation of 16th Street Bridge over Piney Branch Parkway, NW, Bridge No. 0022, to include deck repair, utility replacement to preserve the integrity and extend the life of the masonry and reinforced concrete arch superstructure.		
Facility:	16th St NW			
From:				
To:				

All amounts shown in \$1,000s Total Cost: **\$9,362**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
NHPP	83/17/0	1,000 a						
		8,362 c						
State	0/100/0					1 c	1	1

AGENCY: DDOT

FY 2021-2024 TRANSPORTATION IMPROVEMENT PROGRAM

Scheduled for adoption by the National Capital Region Transportation Planning Board on
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Title: Eastern Ave from New Hampshire Ave NE to Whittier St NW

TIP ID:	6419	Description:	Projected completion:	2023
Agency ID:		The purpose of this project is to provide for the rehabilitation and reconstruction of Eastern Avenue from Whittier Street NW to New Hampshire Avenue NE, including intersections; and introduce public realm improvements. The needs of the project include Vehicular Safety, Improved Pavement Condition, Improved Operational Movement/Congestion Relief, Bicycle/Pedestrian Mobility, Retaining Wall Reconstruction, and ADA Compliance.		
Facility:	Eastern Ave NE			
From:	New Hampshire Ave NE			
To:	Whittier St NW			

All amounts shown in \$1,000s Total Cost: **\$10,000**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
State	0/100/0		440 a					
			4,883 c					
STBG 9	83/17/0	805 a	27 a					
			4,117 c					

Title: Kenilworth Terrace Bridge over Watts Branch

TIP ID:	6427	Description:	Projected completion:	2025
Agency ID:		Project scope includes applying waterproof seal to the entire timber structure, repair the reinforced concrete roadway curb, rehabilitation of deck structure of both approach abutments.		
Facility:	Kenilworth Terrace NE			
From:				
To:				

All amounts shown in \$1,000s Total Cost: **\$8,347**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
NHPP	83/17/0					6,100 c	6,100	6,100

Title: Anacostia Ave NE over Anacostia River Outlet Bridge Rehabilitation

TIP ID:	6428	Description:	Projected completion:	2026
Agency ID:		The existing bridge (No. 78) needs total rehabilitation to become efficient and structurally sound as part of the roadway network and enhancing traffic movement through the corridor. The rehabilitation includes total replacement of the deck, the compression joint seals over both abutments and the pier.		
Facility:	Anacostia Ave NE Bridge over Anacostia Rive			
From:				
To:				

All amounts shown in \$1,000s Total Cost: **\$12,200**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
HBRRP	83/17/0					11,500 c	11,500	11,500
NHPP	80/20/0	700 a						

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Scheduled for adoption by the National Capital Region Transportation Planning Board on
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Title: Southwest Freeway Bridge over South Capitol Street

TIP ID:	6490	Description:	Projected completion:	2020
Agency ID:		Bridge 1103 is part of Southwest Freeway over South Capitol Street and Bridge 1109 Ramp G, it is a prestressed concrete superstructure and substructure of the Southwest Freeway over South Capitol Street that is in poor condition based on latest inspection and requires extensive rehabilitation/replacement		
Facility:				
From:				
To:				

All amounts shown in \$1,000s

Total Cost: \$2,000

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
NHPP	80/20/0	3,500 a							1
NHPP 1	83/17/0	2,500 a							
State	0/100/0						1 a	1	

Title: Connecticut Ave NW Multimodal Study

TIP ID:	6491	Description:	Projected completion:	2027
Agency ID:		This project is composed of multiple improvements to the Connecticut Ave NW corridor. It includes streetscape improvements and deckover of the Dupont Circle underpass. It also includes a study to evaluate the effectiveness and safety of the reversible lanes and the feasibility of improved multimodal access through the corridor.		
Facility:	Connecticut Ave NW			
From:				
To:				

a. Connecticut Ave from Dupont Circle to California St NW Streetscape
 b. Connecticut Ave NW Multimodal Study

All amounts shown in \$1,000s

Total Cost: \$48,644

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
HSIP	90/10/0						25,000 c	25,000	39,500
NHPP	83/17/0	1,000 a	109 a				3,500 c	3,500	
		750 d	300 d						
State	0/100/0	1,500 a					11,000 c	11,000	

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Scheduled for adoption by the National Capital Region Transportation Planning Board on
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Title: Roadway Reconstruction in Ward II

TIP ID:	6493	Description:	Projected completion:	2020
Agency ID:		Pavement reconstruction including improvement of curb and gutter, sidewalk, streetlights, traffic signals, upgrade ADA ramps, drainage catch basins, LID's and replace trees at three locations in Ward II: a. 21st St from O St to Massachusetts Ave NW b. Florida Ave from Decatur St to Massachusetts Ave NW c. Massachusetts Ave from 20th St to Waterside Dr NW		
Facility:	Ward II			
From:				
To:				

All amounts shown in \$1,000s Total Cost: **\$31,135**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
NHPP	83/17/0	135 a	5,000 c						
		25,000 c							
STBG	80/20/0	1,000 a							

Title: South Dakota Ave NE and New York Ave NE Interchange Improvements

TIP ID:	6495	Description:	Projected completion:	2022
Agency ID:		This involves the study and full exploration of the operations, safety, and efficiency of the existing interchange between South Dakota and New York Avenues and surrounding area. a. V St NE Limited Access-33rd St NE		
Facility:	South Dakota Ave. NE			
From:	New York Ave NE			
To:	33rd PL NE			

All amounts shown in \$1,000s Total Cost: **\$1,900**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
CMAQ	80/20/0	400 a							
NHPP	83/17/0	900 a							
STBG 9	83/17/0		600 a						

Title: Arboretum Bridge and Trail

TIP ID:	6497	Description:	Projected completion:	2026
Agency ID:		Bridge and trail for people walking and bicycling from the Anacostia River Trail across the river to the National Arboretum and Maryland Ave NE. a. Arboretum Bridge - Maryland Ave NE Connection b. Arboretum Bridge and Trail		
Facility:	Anacostia River bridge			
From:				
To:				

All amounts shown in \$1,000s Total Cost: **\$12,000**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
CMAQ	80/20/0	1,000 a	494 a	500 a			500	11,501	
FLAP	80/0/0			6,118 c			6,118		
RTP	80/20/0		500 a						
State	0/100/0			4,883 c			4,883		

AGENCY: DDOT

FY 2021-2024 TRANSPORTATION IMPROVEMENT PROGRAM

Scheduled for adoption by the National Capital Region Transportation Planning Board on
March 18, 2020

Title: Southeast Boulevard/Barney Circle Environmental Assessment

TIP ID:	6499	Description:	Projected completion:	2024
Agency ID:		Perform an Environmental Assessment to study converting the Southeast Boulevard from its existing condition to an at-grade multi-modal urban boulevard.		
Facility:	Southeast Boulevard			
From:	Barney Circle			
To:	11th St SE			

All amounts shown in \$1,000s Total Cost: **\$2,250**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
State	0/100/0					1 a	1	1
STBG	80/20/0	2,180 a	250 a					

Title: Pedestrian Bridge over Arizona Ave NW and Connecting Trail Rehabilitation

TIP ID:	6516	🚲	Description:	Projected completion:	2025
Agency ID:		The project area includes a rehabilitation and pavement of the 0.65-mile section of the trails at Arizona Ave from Nebraska Avenue, NW to Galena Place, NW including missing sections of the trail and rehabilitation/ reconstruction Substructure and Superstructure of approximately 110-foot long Pedestrian Bridge over Arizona Ave connecting both sides of Arizona Ave trails including pedestrian access ramp.			
Facility:	Pedestrian Bridge and Trail at Arizona Ave N				
From:	Nebraska Ave NW				
To:	Galena PI NW				

All amounts shown in \$1,000s Total Cost: **\$10,000**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
CMAQ	80/20/0	1,610 a	1,000 a			8,000 c	8,000	8,000

Title: Pennsylvania Ave from 17th St to Washington Cir NW Streetscape

TIP ID:	6595	Description:	Projected completion:	2025
Agency ID:		Design for streetscape of Pennsylvania Avenue NW, includes multi-modal friendly transportation. Facilitate New Connections, Balancing the Modes, Pedestrian Scale Streetscape, Create a vibrant, cohesive public space that provides a sense of visual continuity and a framework for new active uses.		
Facility:	Pennsylvania Ave NW			
From:	17th St NW			
To:	22nd St NW			

All amounts shown in \$1,000s Total Cost: **\$10,036**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
CMAQ	0/100/0				5,000 c		5,000	5,000
NHPP	83/17/0	2,536 a	2,500 a					

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Scheduled for adoption by the National Capital Region Transportation Planning Board on
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Title: I-695 Bridges From I-395 to I-295/DC-295

TIP ID:	6613	Description:	Projected completion:	2026
Agency ID:		Post-construction close-out and completion of outstanding items from the 11th Street Bridge project.		
Facility:	I 695			
From:	I 395			
To:	I 295			

All amounts shown in \$1,000s

Total Cost:

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
State	0/100/0						1 c	1	1

Title: Bus Priority Plan and Program

TIP ID:	6636	Description:	Projected completion:	2024
Agency ID:		interdisciplinary program at DDOT to plan, design, and implement bus priority corridor projects. Under the program, lead a strategic plan for bus priority projects, which would build upon moveDC and the Metrobus Priority Corridor Network plan. The purpose of this plan is to: Identify benchmarks or metrics to determine when to apply specific bus priority improvements given corridor characteristics, such as ridership, headways, roadway width; Identify phase one corridors and prioritize them for study, design and implementation; Apply the benchmarks to determine a set of improvements for each phase one corridor; Engage the public and solicit feedback.		
Facility:	Citywide			
From:				
To:				

All amounts shown in \$1,000s

Total Cost: **\$46,938**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
Sect. 5304	80/20/0	568 a							42,685
State	0/100/0	432 a	3,253 a	2,978 a	12,782 a	13,236 a	13,689 a	42,685	

Title: 4th St and P St SW Streetlight upgrade

TIP ID:	6637	Description:	Projected completion:	2025
Agency ID:		Design and Construction of street light upgrade. Existing street lights are old and inefficient and will be replaced with LED efficient lights, new manholes, new poles and new cable and conduits.		
Facility:	Along 4th St and P St SW			
From:	First St SW			
To:	M St SW			

All amounts shown in \$1,000s

Total Cost: **\$5,116**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
STBG	83/17/0	500 a					4,100 c	4,100	4,100

AGENCY: DDOT

FY 2021-2024 TRANSPORTATION IMPROVEMENT PROGRAM

Scheduled for adoption by the National Capital Region Transportation Planning Board on
March 18, 2020

Title: 16th St NW Transit Priority

TIP ID:	6638	Description:	Projected completion:	2024
Agency ID:		The purpose of the Proposed Action is to improve transit performance and reliability along with pedestrian crossings, bus stops, and sidewalks along 16th Street NW between H Street NW and Arkansas Avenue NW. 16th Street is a multimodal corridor and the purpose of the project is to move more people through the corridor quickly to meet the existing and long-term regional mobility and local accessibility needs for residents and the traveling public within the project area. a. 16th St NW Transit Priority b. 16th St NW Transit Priority Cameras		
Facility:	16th St NW			
From:	H St NW			
To:	Arkansas Ave NW			

All amounts shown in \$1,000s Total Cost: **\$17,670**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
CMAQ	80/20/0	1,000 a	5,160 c	2,004 e			2,004	2,004

Title: Chestnut St from Western Ave to Oregon Ave NW Sidewalk

TIP ID:	6639	Description:	Projected completion:	2022
Agency ID:		This project is to design new sidewalks on Chestnut Street, NW from Western Avenue to Oregon Avenue which is half a mile long with 40 ft. wide roadway. Currently there is no sidewalk on either side of the street and this has been a problem for pedestrians in the neighborhood. The project will tie into an existing sidewalk on the southeast side of Western Avenue and proposed sidewalk on the western side of Oregon Avenue.		
Facility:	Chestnut St NW			
From:	Western Ave NW			
To:	Oregon Ave NW			

All amounts shown in \$1,000s Total Cost: **\$3,400**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
State	0/100/0		1,845 c					
STBG 9	83/17/0		400 a					
			1,155 c					

FY 2021-2024 TRANSPORTATION IMPROVEMENT PROGRAM

Scheduled for adoption by the National Capital Region Transportation Planning Board on
March 18, 2020

Title: I-66 and Rock Creek Parkway Ramp Study

TIP ID: 6642 Description: Projected completion: 2027

Agency ID:
 Facility:
 From:
 To:

There are several transportation needs in this area that need to be considered holistically: - ANC 2A requested a feasibility study to connect the terminus of I-66 to the Rock Creek Parkway. - As part of the Union Station to Georgetown Streetcar EA, a loop ramp from westbound K Street NW to southbound 27th Street NW was proposed to improve traffic operations. The new right turn ramp that would go under the existing K Street Bridge adjacent to the I-66/Whitehurst Freeway ramp. - The K Street bridge over the ramp to the Whitehurst Freeway is in need of rehabilitation. This planning study/environmental process would examine the impacts and implications of these connections on motorists, as well as upon multimodal users and the surrounding built and natural environment. The findings would inform the scope of the upcoming K Street Bridge rehabilitation work.

All amounts shown in \$1,000s Total Cost: **\$8,000**

SOURCE CODE	Federal/State/Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
State	0/100/0	540 d						
STBG	83/17/0	1,000 d						

Title: K St and Water St NW Trail Connection

TIP ID: 6643 🚲 Description: Projected completion:

Agency ID:
 Facility:
 From:
 To:

Study and compliance of an off street trail connection and bridge between the Capital Crescent Trail and the Rock Creek Trail.

All amounts shown in \$1,000s Total Cost: **\$250**

SOURCE CODE	Federal/State/Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
NPS	80/20/0	250 a						

Title: LED Signage Procurement and Installation

TIP ID: 6644 Description: Projected completion:

Agency ID:
 Facility:
 From:
 To:

Procurement and installation of LED signage and intelligent warning systems (flashing pedestrian signs, driver feedback machines, etc.). Signs will be procured, installed, and maintained by Field Operations Branch.

All amounts shown in \$1,000s Total Cost: **\$2,435**

SOURCE CODE	Federal/State/Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
NHPP	83/17/0	360 c	415 c	415 c	415 c	415 c	1,660	1,660

AGENCY: DDOT

FY 2021-2024 TRANSPORTATION IMPROVEMENT PROGRAM

Scheduled for adoption by the National Capital Region Transportation Planning Board on
March 18, 2020

Title: New York Ave NE Bridge over Anacostia River

TIP ID:	6657	Description:	Projected completion:	2020
Agency ID:		This project will include inspections and preliminary design work to assess the need for future rehabilitation and preventive maintenance on the bridge.		
Facility:	New York Avenue NE			
From:				
To:				

All amounts shown in \$1,000s Total Cost: **\$800**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
NHPP	83/17/0	800 a						1
State	0/100/0					1 c	1	

Title: S St from 4th St to 7th St NW Revitalization

TIP ID:	6658	Description:	Projected completion:	2020
Agency ID:		This project will assess the feasibility of roadway surface, safety, and streetscape improvements.		
Facility:	S St NW			
From:	4th St NW			
To:	7th St NW			

All amounts shown in \$1,000s Total Cost: **\$400**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
State	0/100/0					1 c	1	1
STBG	83/17/0	700 a						

Title: 7th Street NW Planning Study

TIP ID:	6674	🚲	Description:	Projected completion:	2024
Agency ID:		DDOT is restriping 7th Street NW between Pennsylvania and Massachusetts Avenues NW in 2019, including temporary pedestrian improvements and removal of the northbound bus only lane. This project would apply the lessons learned from the pilot to a more comprehensive planning study, which would explore safety and mobility improvements, including dedicated bicycle and transit lanes.			
Facility:	7th St NW				
From:	Pennsylvania Ave NW				
To:	Massachusetts Ave NW				

All amounts shown in \$1,000s Total Cost: **\$350**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
STBG 9	83/17/0		350 a					

AGENCY: DDOT

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Scheduled for adoption by the National Capital Region Transportation Planning Board on
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Title: Bladensburg Road Multimodal Safety and Access

TIP ID:	6675	🚲	Description:	Projected completion:	2024		
Agency ID:	Improved multimodal safety and access on Bladensburg Road between Benning Road and Eastern Avenue.						
Facility:						Bladensburg Rd NE	
From:						Benning Rd NE	
To:						Eastern Ave NE	

All amounts shown in \$1,000s Total Cost: **\$500**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
STBG 9	83/17/0		500 a						

Title: Eastern Ave and Sheriff Rd NE Intersection Safety Improvements

TIP ID:	6676		Description:	Projected completion:	2023		
Agency ID:	Improve safety and operations at Eastern Avenue, Sheriff Road, and Division Avenue. In addition, this process will assess alternatives to intersection design, utility coordination, and ROW impacts.						
Facility:						Eastern Ave NE	
From:						Division Ave NE	
To:						Sheriff Rd NE	

All amounts shown in \$1,000s Total Cost: **\$500**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
STBG 9	83/17/0			500 a				500	500

Title: Lower Georgia Avenue NW Multi-Modal Transportation Study

TIP ID:	6677	🚲	Description:	Projected completion:	2026		
Agency ID:	Improve multi-modal safety and accessibility on Lower Georgia Avenue NW, between Bryant Street NW and New Hampshire Avenue NW.						
Facility:						Georgia Ave NW	
From:						Bryant St NW	
To:						New Hampshire Ave NW	

All amounts shown in \$1,000s Total Cost: **\$350**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
STBG 9	83/17/0				350 a			350	350

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Scheduled for adoption by the National Capital Region Transportation Planning Board on
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Title: Galloway Street NE Trail Improvements

TIP ID:	6678	🚲	Description:	Projected completion:	2023
Agency ID:				This project will complete construction of a multi-use trail along Galloway Street NE from the Fort Totten Metro to South Dakota Avenue NE.	
Facility:	Galloway St NE				
From:	Ft Totten Metro				
To:	South Dakota Ave NE				

All amounts shown in \$1,000s

Total Cost: \$1,000

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
STBG 9	83/17/0		500 c						

Title: North Capitol Street Area Model

TIP ID:	6679	🚲	Description:	Projected completion:	2022
Agency ID:				The North Capitol Street area model would develop a traffic model for the North Capitol Street area between R Street and Kansas Avenue. The study will consider existing condition scenarios, future land use planning scenarios and recommendations for future transportation studies and analysis in the area to develop the area model. The model will assist with analyzing the impact of future land use densities for large scale developments.	
Facility:	North Capitol St				
From:	R St				
To:	Kansas Ave				

All amounts shown in \$1,000s

Total Cost: \$305

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
STBG 9	83/17/0		303 d						

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Scheduled for adoption by the National Capital Region Transportation Planning Board on
March 18, 2020

Agency: MDOT/State Highway Administration

Title: Areawide Transportation Alternatives

TIP ID: 2710 **Agency ID:** AWTA

Description: Ongoing program to expand travel choices and enhance the transportation experience by improving the cultural, historic, and environmental aspects of Maryland's transportation infrastructure. These projects may include but are not limited to pedestrian and/or bicycle facilities; rehabilitation of historic transportation facilities, including railroad facilities and canals; conversion and use of abandoned railway corridors; archaeological activities related to transportation impacts; and mitigation of water pollution due to highway runoff. This program includes also Safe Routes to School and National Recreational Trails projects.

All amounts shown in \$1,000s

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
State	0/100/0	190 a	190 a	180 a	140 a	70 a	70 a	2,720	15,600
		40 b	40 b	40 b	40 b	40 b	40 b		
		1,000 c	1,000 c	400 c	900 c	400 c	400 c		
STBG 9	100/0/0	760 a	760 a	720 a	560 a	280 a	280 a	12,880	
		160 b	160 b	160 b	160 b	160 b	160 b		
		4,000 c	4,000 c	3,600 c	3,600 c	1,600 c	1,600 c		

Title: Areawide Environmental Projects

TIP ID: 3038 **Agency ID:** AWEN

Description: Ongoing program to provide environmental and aesthetic improvements on MDOT SHA highways. These are non-capacity improvements that may include but are not limited to noise abatement, wetlands, reforestation, landscaping, scenic beautification, and pedestrian or bicycle facilities.

All amounts shown in \$1,000s

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
HSIP	100/0/0	90 a	90 a	72 a	72 a	54 a	54 a	1,188	79,680
		9 b	9 b	9 b	9 b	9 b	9 b		
		360 c	360 c	270 c	270 c	180 c	180 c		
NHPP	100/0/0	480 a	480 a	360 a	360 a	240 a	240 a	3,264	
		16 b	16 b	16 b	16 b	16 b	16 b		
		800 c	800 c	600 c	600 c	400 c	400 c		
State	0/100/0	430 a	430 a	338 a	338 a	246 a	246 a	15,804	
		9 b	9 b	9 b	9 b	9 b	9 b		
		10,240 c	7,240 c	6,180 c	4,180 c	2,120 c	2,120 c		
STBG 9	100/0/0	1,200 a	1,200 a	960 a	960 a	720 a	720 a	59,424	
		16 b	16 b	16 b	16 b	16 b	16 b		
		40,000 c	28,000 c	24,000 c	16,000 c	8,000 c	8,000 c		

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Scheduled for adoption by the National Capital Region Transportation Planning Board on
March 18, 2020

Title: Areawide Bridge Replacement and Rehabilitation

TIP ID: 3081 **Agency ID:** AWBR

Description: Ongoing program to provide major upgrades to and maintenance of structures on MDOT SHA highways. These are non-capacity improvements that may include but are not limited to structural replacements, deck rehabilitation, superstructure replacements, parapet reconstruction, cleaning and painting, and general maintenance.

All amounts shown in \$1,000s

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
NHPP	100/0/0	800 a	3,200 a	3,840 a	640 a	480 a	480 a	17,280	81,400
		160 b	160 b	160 b	160 b	160 b	160 b		
		3,200 c	3,200 c	2,400 c	5,600 c	1,600 c	1,600 c		
State	0/100/0	1,800 a	2,400 a	2,560 a	1,160 a	1,120 a	1,120 a	16,280	
		80 b	80 b	80 b	80 b	80 b	80 b		
		2,300 c	2,900 c	2,800 c	4,200 c	1,700 c	1,300 c		
STBG 9	100/0/0	6,400 a	6,400 a	6,400 a	4,000 a	4,000 a	4,000 a	47,840	
		160 b	160 b	160 b	160 b	160 b	160 b		
		6,000 c	8,400 c	8,800 c	11,200 c	5,200 c	3,600 c		

Title: Areawide Resurfacing and Rehabilitation

TIP ID: 3082 **Agency ID:** AWRR

Description: Ongoing program to provide periodic resurfacing and upgrading or auxiliary features on MDOT SHA highways. These are non-capacity improvements that may include but are not limited to milling, patching, sealing, and resurfacing of existing deteriorated MDOT SHA roadways. Other improvements, including ADA improvements and guardrails, may be included where incidental to other resurfacing improvements.

All amounts shown in \$1,000s

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
HSIP	100/0/0	18 a	18 a	18 a	18 a	18 a	18 a	4,608	126,520
		9 b	9 b	9 b	9 b	9 b	9 b		
		1,800 c	1,800 c	1,350 c	1,350 c	900 c	900 c		
NHPP	100/0/0	480 a	480 a	360 a	360 a	240 a	240 a	53,520	
		80 b	80 b	80 b	80 b	80 b	80 b		
		48,000 c	48,000 c	24,000 c	16,000 c	6,000 c	6,000 c		
State	0/100/0	242 a	242 a	182 a	182 a	122 a	122 a	24,472	
		41 b	41 b	41 b	41 b	41 b	41 b		
		18,200 c	18,200 c	10,150 c	8,150 c	2,800 c	2,600 c		
STBG 9	100/0/0	480 a	480 a	360 a	360 a	240 a	240 a	43,920	
		80 b	80 b	80 b	80 b	80 b	80 b		
		24,000 c	24,000 c	16,000 c	16,000 c	6,400 c	4,000 c		

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Scheduled for adoption by the National Capital Region Transportation Planning Board on
March 18, 2020

Title: Areawide Urban Reconstruction

TIP ID: 3083 **Agency ID:** AWUR

Description: Ongoing program to provide roadway rehabilitation on MDOT SHA highways in municipalities and urban areas. These are non-capacity improvements that may include but are not limited to drainage improvements, curbs and gutters, pavement milling and resurfacing, sidewalks, streetscaping, signage, and marking and lighting improvements.

All amounts shown in \$1,000s

SOURCE CODE	Federal/State/Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
NHPP	100/0/0	160 a	160 a	160 a	160 a	160 a	160 a	4,560	14,600
		20 b	20 b	20 b	20 b	20 b	20 b		
		2,400 c	2,400 c	1,440 c	1,440 c	480 c	480 c		
State	0/100/0	80 a	80 a	80 a	80 a	80 a	80 a	2,920	
		10 b	10 b	10 b	10 b	10 b	10 b		
		1,600 c	1,600 c	960 c	960 c	320 c	320 c		
STBG 9	100/0/0	160 a	160 a	160 a	160 a	160 a	160 a	7,120	
		20 b	20 b	20 b	20 b	20 b	20 b		
		4,000 c	4,000 c	2,400 c	2,400 c	800 c	800 c		

Title: Areawide Safety and Spot Improvements

TIP ID: 3084 **Agency ID:** AWSS

Description: Ongoing program to provide localized improvements to address safety and/or operational issues on MDOT SHA highways. These are highway improvements that may include but are not limited to bypass lanes, acceleration and deceleration lanes, turn lanes, rail crossings, intersection realignment, geometric improvements, safety improvements including bridge, bicycle, and pedestrian safety improvements, pavement markers, ADA improvements, guardrails, and roundabouts. Other improvements, including slope repairs, drainage improvements, and joint sealing, may be included where incidental to other safety improvements.

All amounts shown in \$1,000s

SOURCE CODE	Federal/State/Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
CMAQ	100/0/0	200 a	200 a	150 a	150 a	100 a	100 a	4,540	75,940
		10 b	10 b	10 b	10 b	10 b	10 b		
		5,000 c	2,500 c	1,000 c	1,000 c	1,000 c	1,000 c		
HSIP	100/0/0	450 a	450 a	360 a	360 a	270 a	270 a	5,400	
		90 b	90 b	90 b	90 b	90 b	90 b		
		1,350 c	1,350 c	1,080 c	1,080 c	810 c	810 c		
NHPP	100/0/0	960 a	960 a	800 a	800 a	640 a	640 a	25,400	
		80 b	80 b	80 b	80 b	80 b	80 b		
		8,000 c	12,000 c	8,200 c	6,000 c	4,000 c	4,000 c		
State	0/100/0	790 a	790 a	640 a	640 a	490 a	490 a	13,880	
		50 b	50 b	50 b	50 b	50 b	50 b		
		4,550 c	5,550 c	4,420 c	3,220 c	1,890 c	1,890 c		
STBG 9	100/0/0	2,000 a	2,000 a	1,600 a	1,600 a	1,200 a	1,200 a	26,720	
		80 b	80 b	80 b	80 b	80 b	80 b		
		9,600 c	9,600 c	8,000 c	6,400 c	3,200 c	3,200 c		

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Scheduled for adoption by the National Capital Region Transportation Planning Board on
March 18, 2020

Title: Areawide Congestion Management

TIP ID: 3085 Agency ID: AWCM

Description: Ongoing program to provide traffic control, management, and monitoring on MDOT SHA highways. These are non-capacity improvements that may include but are not limited to variable message signs, video for traffic management (CCTV), traffic management detectors, signal systemization and remote timing, permanent congestion monitoring systems employed by the CHART program, deployment of local jurisdiction intelligent transportation system (ITS) projects, and the development of park-and-ride facilities.

All amounts shown in \$1,000s

SOURCE CODE	Federal/State/Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
CMAQ	100/0/0	500 a	500 a	400 a	400 a	300 a	300 a	7,160	44,300
		10 b	90 b	90 b	90 b	90 b	90 b		
		500 c	500 c	2,800 c	2,000 c	300 c	300 c		
NHPP	100/0/0	640 a	640 a	400 a	400 a	160 a	160 a	4,016	
		4 b	4 b	4 b	4 b	4 b	4 b		
		960 c	960 c	800 c	800 c	640 c	640 c		
State	0/100/0	1,160 a	1,160 a	800 a	800 a	440 a	440 a	8,292	
		3 b	23 b	23 b	23 b	23 b	23 b		
		1,840 c	1,840 c	2,000 c	1,800 c	960 c	960 c		
STBG 9	100/0/0	4,000 a	4,000 a	2,800 a	2,800 a	1,600 a	1,600 a	24,832	
		8 b	8 b	8 b	8 b	8 b	8 b		
		6,400 c	6,400 c	4,800 c	4,800 c	3,200 c	3,200 c		

Title: Commuter Connections Program

TIP ID: 3566 Agency ID: AWCC

Description: The Commuter Connections Program works to reduce the number of vehicle miles traveled, vehicle trips, and emissions. This program provides funding to TPB's Commuter Connections program for the following projects: Commuter Operations Center, Guaranteed Ride Home, marketing, monitoring and evaluation, employer outreach, and the telecommute project.

All amounts shown in \$1,000s

SOURCE CODE	Federal/State/Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
State	0/100/0	3,161 e	3,265 e	3,553 e	3,434 e	3,540 e	3,849 e	14,376	14,376

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Scheduled for adoption by the National Capital Region Transportation Planning Board on
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Agency: MDOT/Maryland Transit Administration

Title: Small Urban Transit Systems - Operating Assistance

TIP ID: 2594 **Agency ID:** Part of 0217

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

All amounts shown in \$1,000s

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
Sect. 5307	50/25/25	49,631 e	8,963 e	8,963 e	8,963 e			17,926	17,926

Title: Large Urban Systems - Capital

TIP ID: 2713 **Agency ID:** 0892/0893

Description: Capital assistance for large urban transit service in Prince George's and Montgomery Counties.

All amounts shown in \$1,000s

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
Sect. 5307	80/20/0	15,640 e	2,500 e	2,500 e	2,500 e			5,000	5,000

Title: Rural Transit - Operating Assistance

TIP ID: 2853 **Agency ID:** Part of 0218

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

All amounts shown in \$1,000s

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
Sect. 5311	50/25/25	16,342 e	1,374 e	1,374 e	1,374 e			2,748	2,748

Title: Small Urban Systems - Capital

TIP ID: 3012 **Agency ID:** Part of 0217

Description: Capital Assistance for Small Urban Transit services in Charles and Frederick counties.

All amounts shown in \$1,000s

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
Sect. 5307	80/10/10	20,500 e	4,223 e	4,223 e	4,223 e			8,446	8,446
Sect. 5339 (a)	80/10/10	1,800 e							

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Scheduled for adoption by the National Capital Region Transportation Planning Board on
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Title: Ridesharing - Statewide Program

TIP ID: 3760 **Agency ID:**

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, Montgomery Counties, and the Tri-County Council of Southern Maryland.

All amounts shown in \$1,000s

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
CMAQ	100/0/0	4,596 e	873 e	873 e	873 e		1,746	1,746

Title: Large Urban Systems - Operating

TIP ID: 6146 **Agency ID:**

Description: Operating Assistance for Prince Georges County.

All amounts shown in \$1,000s

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
Sect. 5307	14/86/0	13,615 e	13,615 e	13,615 e	13,615 e		27,230	27,230

Title: Large Urban Systems - Preventive Maintenance

TIP ID: 6147 **Agency ID:**

Description: Large Urban Operating Preventative Maintenance for Montgomery County.

All amounts shown in \$1,000s

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
Sect. 5307	80/20/0	27,775 e	5,555 e	5,555 e	5,555 e		11,110	11,110

Title: MARC Improvements

TIP ID: 6400 **Agency ID:**

Description: Ongoing improvement program of the MARC Camden, Brunswick, and Penn Lines to ensure safety and quality of service. This program is implemented through CSX and Amtrak construction agreements. CSX efforts include projects such as interlocking replacements and other track improvements. Amtrak efforts include projects such as passenger upgrades at Washington Union Station, interlocking work, and other track improvements. □

All amounts shown in \$1,000s

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
Sect. 5307	80/20/0	3,752 e	303 e	1,483 e	3,014 e		4,497	29,242
Sect. 5337-S	80/20/0	59,740 e	6,216 e	12,692 e	12,053 e		24,745	

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Scheduled for adoption by the National Capital Region Transportation Planning Board on
March 18, 2020

Title: MARC Rolling Stock Overhauls and Replacements

TIP ID: 6401 Agency ID:

Description: This is an ongoing project for the overhaul and replacement of MARC rolling stock. Overhaul of MARC coaches and locomotives are performed in accordance with "10-year Minor" and "20-year Midlife" schedules, and/or the manufacturer's schedule. Upgrade MARC vehicles with federally-mandated Positive Train Control safety features. The project also includes funding for multi-level coaches that will be used to replace coaches that have reached the end of their useful life and provide additional capacity for the MARC system.

All amounts shown in \$1,000s

SOURCE CODE	Federal/State/Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
Sect. 5307	80/20/0	2,786 e		543 e	94 e			637	7,238
Sect. 5337-S	80/20/0	73,820 e	18,051 e	3,650 e	2,951 e			6,601	

Title: Seniors and Individuals with Disabilities

TIP ID: 6440 Agency ID:

Description: Will enhance mobility for seniors and persons with disabilities by providing funds for programs to serve the special needs of transit-dependent populations beyond traditional public transportation services and ADA complementary paratransit services.

All amounts shown in \$1,000s

SOURCE CODE	Federal/State/Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
Sect. 5310	50/50/0	460 e		148 e				148	649

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Scheduled for adoption by the National Capital Region Transportation Planning Board on
March 18, 2020

Agency: Frederick County

Title: Study, Design, ROW, Construction, & Inspection

TIP ID: 3173 **Agency ID:** F3

Description: Rehabilitate, re-deck, construct (replace) & inspect bridges or culverts at the following locations: Gas House Pike; Bretheren Church Rd; Hessong Bridge Rd; Hoovers Mill Rd; Hornets Nest Rd; Old Mill Road Br; Stevens Rd; Biggs Ford Rd; Opossumtown Pike; Sixes Bridge Rd; and Dollyhide Road

All amounts shown in \$1,000s

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
HBRRP	100/0/0		63 a	442 a	787 c	1,011 c	708 c	6,416	9,682
			395 c	3,468 c					
Local	0/0/100		481 a	636 a	352 a	586 a	459 a	3,266	
			2,749 c	499 c	196 c	361 c	177 c		

Title: Planning, Design & Construction

TIP ID: 5495 **Agency ID:** F3

Description: Various County Trails including the Ballenger Creek Trail, Frederick and Pennsylvania Trails in Rails, New Design Road Side Path, and H&F Trail

All amounts shown in \$1,000s

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
Local	0/0/100		213 a	221 a	155 a	236 a	179 a	3,138	7,577
				631 c	714 c	420 c	582 c		
State/Local	0/100/0		208 a	1,213 c		721 c		1,934	
TAP	100/0/0				1,406 c		1,099 c	2,505	

Title: Various Trails - City of Frederick

TIP ID: 6669 **Agency ID:**

Description: Design and constructions or priority trails including: East Street Rails with Trails, Golden Mile Trail, and Rock Creek Trail

All amounts shown in \$1,000s

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
BUILD	80/0/20			800 c			5,900 c	6,700	12,500
TAP	0/90/10		45 c		5,800 c			5,800	
TAP	80/0/20		45 c		5,800 c			5,800	

FY 2021-2024 TRANSPORTATION IMPROVEMENT PROGRAM

Scheduled for adoption by the National Capital Region Transportation Planning Board on
March 18, 2020

Title: Montgomery County Bridge Preliminary Engineering Projects

TIP ID: 6710 Agency ID:

Description: Funding for preliminary engineering on these 21 bridge projects, countywide:

- Replacement of Glen Road Bridge No. M-0015 over Piney Branch
- Replacement of Schaeffer Road Bridge No. M-0137 over Little Seneca Creek
- Replacement of Parklawn Entrance Bridge No. MPK-17 over Rock Creek
- Replacement of Baltimore Road Bridge No. M-0201 over Rock Creek
- Replacement of Brighton Dam Road Bridge No. M-0108 over Hawlings River
- Rehabilitation of Brookville Road Bridge No. M-0083 over CSXT Railroad
- Replacement of Greentree Road Bridge No. M-0180 over Bulls Run
- Replacement of Whites Ferry Road Bridge No. M-0186 over Broad Run
- Replacement of Glen Road Bridge No. M-0013 over Kilgour Branch
- Replacement of Barnes Road Bridge No. M-0008 over Bennett Creek
- Replacement of Barnesville Road Bridge No. M-0045 over Little Monocacy River
- Rehabilitation of Randolph Road (EB) Bridge No. M-0080-3 over Rock Creek
- Rehabilitation of Shady Grove Road (EB) Bridge No. M-0191-3 over CSXT Railroad

All amounts shown in \$1,000s

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
HBRRP	100/0/0			864 a	1,704 a	2,432 a	2,432 a	7,432	9,290
Local	0/0/100			216 a	426 a	608 a	608 a	1,858	

FY 2021-2024 TRANSPORTATION IMPROVEMENT PROGRAM

Scheduled for adoption by the National Capital Region Transportation Planning Board on
March 18, 2020

Agency: Montgomery County

Title: Bus Stop Improvement Program

TIP ID: 3063 **Agency ID:** P507658

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

All amounts shown in \$1,000s

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
Local	0/0/100	2,004 a	160 a	160 a	160 a	160 a	160 a	1,600	1,600
		3,157 b	240 c	240 c	240 c	240 c			
		1,984 c							

Title: Advanced Transportation Management System

TIP ID: 3065 **Agency ID:** P509399

Description: This project provides for Advanced Transportation Management Systems (ATMS) in the County. The ATMS deploys the infrastructure to conduct real-time management and operations of the County's transportation system. Twenty-two National Intelligent Transportation Architecture market packages have been identified for deployment of the ATMS. Each of these market packages is considered a subsystem of the ATMS program and may include several elements. These subsystems are identified in the ATMS Strategic Deployment Plan, dated February 2001, and revised July 2011. One aspect of this project will focus on improving pedestrian walkability by creating a safer walking environment, utilizing selected technologies and ensuring ADA compliance.

All amounts shown in \$1,000s

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
Local	0/0/100	1,239 a	177 a						
		12,817 e	1,831 e						

FY 2021-2024 TRANSPORTATION IMPROVEMENT PROGRAM

Scheduled for adoption by the National Capital Region Transportation Planning Board on
March 18, 2020

Title: Annual Bikeway Program

TIP ID: 3066 **Agency ID:** P507596

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

All amounts shown in \$1,000s

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
Local	0/0/100	611 a	11 a						
		379 b	169 b						
		2,350 c	350 c						
State	0/100/0	250 c							
State/Local	0/50/50	140 a							
		10 b							
		350 c							

Title: Sidewalk Program - Minor Projects

TIP ID: 3067 **Agency ID:** P506747

Description: This pedestrian access improvement program provides sidewalks on County-owned roads and some State-maintained roadways. Some funds from this project will go to support the Renew Montgomery program. The Montgomery County Department of Transportation maintains an official list of all outstanding sidewalk requests. Future projects are evaluated and selected from this list, which is continually updated with new requests. In addition, projects identified by the Citizens' Advisory Boards are placed on this list. One aspect of this project will focus on improving pedestrian walkability by creating a safer walking environment, utilizing selected engineering technologies and ensuring Americans with Disabilities Act (ADA) compliance. In addition to connecting existing sidewalks, these projects increase pedestrian safety and facilitate walking to: Metrorail stations, bus stops, shopping and medical centers, employment, recreational, and school sites. The average rate of requests for sidewalks has been 80 to 100 per year over the last two years. This program also complements and augments the bikeways that are included in road projects.

All amounts shown in \$1,000s

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
Local	0/0/100	3,444 a	520 a						
		42 b	6 b						
		13,068 c	1,874 c						
		98 e	14 e						

FY 2021-2024 TRANSPORTATION IMPROVEMENT PROGRAM

Scheduled for adoption by the National Capital Region Transportation Planning Board on
March 18, 2020

Title: ADA Compliance Transportation Access

TIP ID: 3068 **Agency ID:** P509325

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

All amounts shown in \$1,000s

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
Local	0/0/100	1,299 a	283 a						
		7,368 c	1,214 c						
		168 e	28 e						

Title: Bridge Renovation

TIP ID: 5972 **Agency ID:** P509753

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

All amounts shown in \$1,000s

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
Local	0/0/100	1,170 a	390 a	390 a	390 a			780	2,000
State/Local	0/16/84	1,830 c	610 c	610 c	610 c			1,220	

Title: Traffic Signals

TIP ID: 6065 **Agency ID:** P507154

Description: This project provides for the design, construction and maintenance of vehicular and pedestrian traffic signals and signal systems including: new and existing signals; reconstruction / replacement of aged and obsolete signals and components; auxiliary signs; accessible pedestrian signals (APS); updates of the County's centrally-controlled computerized traffic signal system; communications and interconnect into the signal system. Increases in congestion levels and the number of accidents necessitate a continued investment in the traffic signal system to: increase intersection safety; accommodate changes in traffic patterns and roadway geometry; reduce intersection delays, energy consumption and air pollution; and provide coordinated movement on arterial routs through effective traffic management and control, utilizing modern traffic signal technologies.

All amounts shown in \$1,000s

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
Local	0/0/100	5,244 a	725 a						
		29,771 e	4,110 e						

FY 2021-2024 TRANSPORTATION IMPROVEMENT PROGRAM

Scheduled for adoption by the National Capital Region Transportation Planning Board on
March 18, 2020

Agency: Prince George's County

Title: Bridge Repair and Replacement 2

TIP ID: 5402 **Agency ID:**

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.

All amounts shown in \$1,000s

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
HBRRP	80/0/20		1,350 a	300 a	550 a	300 a	300 a	15,559	18,909
			750 c	50 b	59 b	50 b			
			989 e	5,000 c	4,900 c	2,000 c			

Title: Curb and Road rehabilitation II

TIP ID: 5609 **Agency ID:**

Description: This Project provides funding for rehabilitating County streets, curbs and sidewalks, various safety improvements, installing new sidewalks, construction of sidewalk ramps in accordance with the Americans with Disabilities Act, landscaping, traffic calming improvements, revitalization improvements and the installation of guardrails. The project also includes funding to urbanize and revitalize older subdivisions. An ongoing resurfacing and safety program provides increased vehicular and pedestrian safety remedies to address hazardous conditions and upgrade the appearance of neighborhoods.

All amounts shown in \$1,000s

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
Local	0/0/100		2,500 a	1,500 a	20,140 e			40,280	40,280
			95,238 c	13,400 c					
			16,280 e	5,240 e					

Title: Green/Complete Street Improvements

TIP ID: 6003 **Agency ID:**

Description: This project provides funding for a variety of street improvements along major roadways and at key intersections to improve their appearance, safety and functionality while addressing environmental issues. These improvements include but are not limited to roadway and intersection modifications, tree planting, bio retention facilities or stormwater management related water quality and quantity measures necessary to improve the environment, bicycle lane installation and the construction of sidewalks and paths.

All amounts shown in \$1,000s

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
Local	0/0/100		1,785 a	975 a	700 a	550 a		23,025	23,025
			100 b	200 b	6,150 c	6,650 c			
			8,550 c	7,200 c	250 e				
			1,285 e	350 e					

FY 2021-2024 TRANSPORTATION IMPROVEMENT PROGRAM

Scheduled for adoption by the National Capital Region Transportation Planning Board on
March 18, 2020

Title: Modification of ADA Rights of Way County-Wide

TIP ID: 6012 Agency ID:

Description: This Project will modify existing curb, gutters and sidewalks throughout the County to bring the existing infrastructure into compliance with current Americans with Disabilities Act (ADA) design standards.

All amounts shown in \$1,000s

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
Local	0/0/100	400 c		400 c	400 c	400 c	400 c	1,600	2,000

Title: Developer Contribution Projects

TIP ID: 6024 Agency ID:

Description: This project provides funding for a variety of street improvements necessitated by new development. These improvements include, but are not limited to, traffic signals, intersection modifications, roadway widening, new construction, resurfacing, landscaping and contributions to a variety of State highway projects.

All amounts shown in \$1,000s

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
PRIV	0/0/0	250 a	50 a	50 a	50 a			3,000	3,000
		11,774 c	1,450 c	1,450 c	1,450 c				

Title: Pedestrian Safety Improvements

TIP ID: 6370 Agency ID:

Description: This project will involve the creation of multiple projects to provide for roadway improvements that are oriented toward the enhancement of pedestrian safety, particularly along roadways or at intersections which have a history of crashes. Priority will be given to the correction of problems where there is a high incidence of pedestrian related crashes.

All amounts shown in \$1,000s

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
Local	0/0/100	3,549 a	2,385 a	1,060 a	1,785 a	550 a		28,740	31,800
		550 b	400 b	5,360 c	925 b	5,800 c			
		4,063 c	1,750 e	1,000 e	9,925 c				
		500 e				535 a	1,800 c		
State/Local	0/40/60		2,700 c						

FY 2021-2024 TRANSPORTATION IMPROVEMENT PROGRAM

Scheduled for adoption by the National Capital Region Transportation Planning Board on
March 18, 2020

Title: Planning and site acquisition 2

TIP ID: 6371 Agency ID:

Description: This project provides funding for acquiring land for road rights-of-way, reforestation mitigation and wetland banking in developing areas of the County. The demolition of structures on acquired land is also included. It also provides funding for future project planning studies in order to verify need, determine scope and develop preliminary cost estimates.

All amounts shown in \$1,000s

SOURCE CODE	Federal/State/Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
Local	0/0/100	600 a	250 a	250 b			250	250
		650 b						
		150 c						
		444 e						

Title: Street Lights and Traffic Signals 2

TIP ID: 6372 Agency ID:

Description: This project consists of installing traffic control signals and new street lights at various locations throughout the county. The program includes installing new signals, upgrading of existing signals, replacement of aging signals, the Energy Abatement program, installation of traffic surveillance cameras and communications equipment, and the upgrade of existing street lighting on County roadways. This project also provides some funding for the TRIP (traffic Response and Information Partnership) Center.

All amounts shown in \$1,000s

SOURCE CODE	Federal/State/Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
Local	0/0/100	690 a	300 a	100 a	500 a		5,610	5,610
		4,690 c	3,150 c	400 c	3,100 c			
		17,246 e	1,100 e	110 e	1,400 e			

Title: Traffic Congestion Improvements

TIP ID: 6373 Agency ID:

Description: This project provides funding for roadway enhancements including turning lanes, improved approaches, traffic signals, signage at various intersections, bus stop pads, traffic calming devices, landscaping, pedestrian facilities and thermoplastic markings. This project will also provide for roadway improvements that are oriented toward enhancement of pedestrian safety, particularly along roadways or at intersections which have a history of crashes. Included in the work to be performed is the acquisition of right-of-way along the Leeland Road approach to be the Leeland Road/Moores Plains Boulevard intersection. FY 2015 "other" funding includes \$75k from developer contributions.

All amounts shown in \$1,000s

SOURCE CODE	Federal/State/Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
Local	0/0/100	6,000 a	1,000 a					
		8,267 c	2,500 c					
PRIV	0/0/0	75 b						

FY 2021-2024 TRANSPORTATION IMPROVEMENT PROGRAM

Scheduled for adoption by the National Capital Region Transportation Planning Board on
March 18, 2020

Title: Transportation Enhancements 2

TIP ID: 6374 Agency ID:

Description: This project provides funding for nonstandard transportation improvements which are time sensitive. Work may entail, but will not be limited to requirements associated with the Americans with Disabilities Act, bus stop pads, traffic calming devices, landscaping, pedestrian facilities, thermoplastic pavement markings to provide maximum safety and nighttime visibility, spot safety road improvements and installation and repair of guardrail.

All amounts shown in \$1,000s

SOURCE CODE	Federal/State/Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
Local	0/0/100	575 a	200 a	200 a	250 a			4,793	4,793
		6,631 c	750 c	1,275 c	3,034 e				
		68 e	34 e	34 e					

Title: Bus Mass Transit/ Metro Access 2

TIP ID: 6375 Agency ID:

Description: Funds from this project may be used to purchase buses, construct related capital facilities for both bus and rail activities, roadway improvements and provide pedestrian and vehicular access improvement to metro stations and bus stops.

All amounts shown in \$1,000s

SOURCE CODE	Federal/State/Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
Local	0/0/100	732 a	500 a	500 a	250 a	250 a	250 a	1,250	1,750
		1,061 c	160 e						
		856 e							

FY 2021-2024 TRANSPORTATION IMPROVEMENT PROGRAM

Scheduled for adoption by the National Capital Region Transportation Planning Board on
March 18, 2020

Agency: MDOT/State Highway Administration

Title: I-95/I-495 at Greenbelt Metro Station Interchange Construction

TIP ID:	2894	Description:	Projected completion:	2030
Agency ID:	PG3331	Construction of a full I-95/I-495 interchange at Greenbelt Metro Station.		
Facility:	I 95 at Greenbelt Metro Station			
From:				
To:				

All amounts shown in \$1,000s

Total Cost: **\$171,000**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
HPP	100/0/0	1,000 a							
NHPP	100/0/0	7,880 a							
State	0/100/0	3,454 a							
		129 b							
		824 c							

Title: US 301 South Corridor Transportation Study

TIP ID:	2944	Description:	Projected completion:	2045
Agency ID:	AW5341	A multimodal corridor study considering US 301 corridor highway and transit improvements from the Potomac River to I-595/US 50/MD 3.		
Facility:	US 301			
From:	Potomac River			
To:	I 595			

All amounts shown in \$1,000s

Total Cost: **#####**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
NHPP	100/0/0	7,630 a							
		4,251 b							
State	0/100/0	3,120 a							
		40,757 b							

FY 2021-2024 TRANSPORTATION IMPROVEMENT PROGRAM

Scheduled for adoption by the National Capital Region Transportation Planning Board on
March 18, 2020

Title: I-270 at Watkins Mill Road Interchange Construction

TIP ID:	3044	Description:	Projected completion:	2020
Agency ID:	MO3511	Construct a new I-270 interchange at Watkins Mill Road.		
Facility:	I 270 at Watkins Mill Road			
From:				
To:				

All amounts shown in \$1,000s

Total Cost: **\$125,000**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
Local	0/0/100	4,900 a							16,529
NHPP	100/0/0	985 a 11,750 c	200 c	789 c	1,141 c			1,930	
State	0/100/0	5,905 a 7,265 b 57,515 c	214 b 19,469 c	789 b 13,810 c				14,599	

Title: MD 124 Phases 2-3 Highway Reconstruction

TIP ID:	3057	Description:	Projected completion:	2035
Agency ID:	MO6322	Reconstruction of MD 124 from Midcounty Highway to south of Airpark Road and north of Fieldcrest Road to Warfield Road.		
Facility:	MD 124			
From:	Midcounty Highway			
To:	Warfield Road			

All amounts shown in \$1,000s

Total Cost: **\$120,000**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
Local	0/0/100	102 a				2,398 b	2,500 b	4,898	4,898
State	0/100/0	2,865 a 24 b							
STBG 9	100/0/0	20 a							

Title: MD 85 Phases 2-3 Highway Reconstruction

TIP ID:	3101	Description:	Projected completion:	2035
Agency ID:	FR3881	Upgrading of MD 85 to multilane divided highway from south of English Muffin Way to north of Grove Road.		
Facility:	MD 85			
From:	South of English Muffin Way			
To:	North of Grove Road			

All amounts shown in \$1,000s

Total Cost: **\$123,000**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
State	0/100/0	531 a							

FY 2021-2024 TRANSPORTATION IMPROVEMENT PROGRAM

Scheduled for adoption by the National Capital Region Transportation Planning Board on
March 18, 2020

Title: MD 97 at Brookeville Highway Construction

TIP ID:	3106	Description:	Projected completion:	2021
Agency ID:	M07461	Construction of new two-lane MD 97 from south of Brookeville, near Gold Mine Road, to north of Brookeville.		
Facility:	MD 97			
From:	Gold Mine Road			
To:	North of Brookeville			

All amounts shown in \$1,000s

Total Cost: \$44,000

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
Local	0/0/100	9,272 a 1,478 b							17,246
NHPP	100/0/0	1,594 a							
State	0/100/0	1,024 a 562 b 4,044 c	87 b 9,692 c	10,753 c	6,493 c			17,246	

Title: US 1 Highway Reconstruction

TIP ID:	3108	Description:	Projected completion:	2024
Agency ID:	PG6241	Reconstruction of US 1 between College Avenue and MD 193.		
Facility:	US 1			
From:	College Avenue			
To:	MD 193			

All amounts shown in \$1,000s

Total Cost: \$51,000

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
NHPP	100/0/0	6,871 a 2,153 b 449 c	300 a 2,272 c	4,888 c	6,244 c	6,406 c	5,210 c	22,748	32,739
State	0/100/0	2,988 a 1,674 b 21 c	882 b 791 c	688 b 1,781 c	862 b 2,306 c	2,368 c	1,986 c	9,991	

FY 2021-2024 TRANSPORTATION IMPROVEMENT PROGRAM

Scheduled for adoption by the National Capital Region Transportation Planning Board on
March 18, 2020

Title: MD 450 Highway Reconstruction

TIP ID:	3150	Description:	Projected completion:	2030
Agency ID:	PG6541	Widening of MD 450 to a multilane divided highway from Stonybrook Drive to west of MD 3.		
Facility:	MD 450			
From:	Stonybrook Drive			
To:	West of MD 3			

All amounts shown in \$1,000s Total Cost: **\$61,000**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
State	0/100/0	313 a						
STBG 9	100/0/0	1,189 a						

Title: MD 5 Corridor Study

TIP ID:	3469	Description:	Projected completion:	2030
Agency ID:	PG3916	A study to upgrade MD 5 to a multilane freeway from US 301 at T.B. to north of I-95/I-495.		
Facility:	MD 5			
From:	US 301			
To:	I 95			

All amounts shown in \$1,000s Total Cost: **\$585,000**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
NHPP	100/0/0	896 a						
		6,372 b						
State	0/100/0	4,912 a						
		1,797 b						

Title: MD 28/MD 198 Corridor Study

TIP ID:	3476	Description:	Projected completion:	2045
Agency ID:	MO8861	A study examining capacity improvements in the MD 28/MD 198 corridor between MD 97 and I-95.		
Facility:	MD 28 Norbeck Road and MD 198			
From:	MD 97			
To:	I 95			

All amounts shown in \$1,000s Total Cost: **\$281,000**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
State	0/100/0	4,219 a						
		2 b						
STBG 9	100/0/0	3,207 a						

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Scheduled for adoption by the National Capital Region Transportation Planning Board on
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Title: MD 4 at Suitland Parkway Interchange Construction

TIP ID:	3547	Description:	Projected completion:	2020
Agency ID:	PG6181	Construction of a new MD 4 interchange at Suitland Parkway.		
Facility:	MD 4 at Suitland Parkway			
From:				
To:				

All amounts shown in \$1,000s

Total Cost: **\$134,000**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
NHPP	100/0/0	7,064 a 8,435 b 21,088 c	25,709 c	37,967 c			37,967	44,603
State	0/100/0	5,262 a 8,818 b 8,224 c	4,250 b 475 c	2,235 b 150 c	2,441 b	1,810 b	6,636	

Title: US 29 at Musgrove and Fairland Roads Interchange Construction

TIP ID:	3641	Description:	Projected completion:	2045
Agency ID:	MO8911	Construction of a new US 29 interchange at Musgrove and Fairland roads.		
Facility:	US 29 at Musgrove and Fairland roads			
From:				
To:				

All amounts shown in \$1,000s

Total Cost: **\$87,000**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
NHPP	100/0/0	782 a 853 b						
State	0/100/0	226 b	4,606 a					

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Scheduled for adoption by the National Capital Region Transportation Planning Board on
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Title: MD 210 at Kerby Hill Road/Livingston Road Interchange Construction

TIP ID:	4879	Description:	Projected completion:	2021
Agency ID:	PG7001	Construction of a new MD 210 interchange at Kerby Hill Road/Livingston Road.		
Facility:	MD 210 at Kerby Hill Road/Livingston Road			
From:				
To:				

All amounts shown in \$1,000s

Total Cost: **\$117,000**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
HPP	100/0/0	4,417 a						18,789
NHPP	100/0/0	7,230 b	2,402 b	16,628 c			16,628	
		39,439 c	23,412 c					
State	0/100/0	845 a	2,535 b	2,161 c			2,161	
		1,807 b	1,000 c					
		15,621 c						

Title: US 301 at MD 228/MD 5BU Interchange Construction

TIP ID:	4881	Description:	Projected completion:	2030
Agency ID:	CH2031	A study examining alternatives for a grade separated interchange at US 301 at MD 228/MD 5 Business.		
Facility:	US 301 at MD 228/MD 5BU			
From:				
To:				

All amounts shown in \$1,000s

Total Cost: **\$253,000**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
NHPP	100/0/0	7,669 a						
State	0/100/0	5,225 a	13 a					

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Scheduled for adoption by the National Capital Region Transportation Planning Board on
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Title: MD 5 at MD 373 and Brandywine Road Interchange Construction

TIP ID:	4882	Description:	Projected completion:	2019
Agency ID:	PG1751	Construction of a new MD 5 interchange at MD 373 and Brandywine Road. This project also includes construction of a park-and-ride lot.		
Facility:	MD 5 at MD 373 and Brandywine Road			
From:				
To:				

All amounts shown in \$1,000s

Total Cost: \$56,000

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
HPP	100/0/0	4,631 a	3,835 c						
Local	0/0/100	3,424 c	1,685 c						
NHPP	100/0/0	390 b	8 b						
		23,193 c							
State	0/100/0	1,668 a	637 b						
		4,821 b	1,290 c						
		9,838 c							
STBG 9	100/0/0	411 a							
TCSP	100/0/0	160 a							
		247 b							

Title: MD 223 Corridor Study

TIP ID:	4885	Description:	Projected completion:	2045
Agency ID:	PG5811	A study to establish a long-term MD 223 corridor vision between Steed Road and MD 4.		
Facility:	MD 223			
From:	Steed Road			
To:	MD 4			

All amounts shown in \$1,000s

Total Cost: \$225,000

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
State	0/100/0	671 a							
STBG 9	100/0/0	622 a							

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Scheduled for adoption by the National Capital Region Transportation Planning Board on
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Title: MD 197 Highway Reconstruction

TIP ID:	4887	Description:	Projected completion:	2025
Agency ID:	PG6911	Widening of and upgrades to MD 197 to become a multilane freeway between Kenhill Drive and MD 450.		
Facility:	MD 197			
From:	Kenhill Drive			
To:	MD 450			

All amounts shown in \$1,000s

Total Cost: \$91,000

SOURCE CODE	Federal/State/Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
Local	0/0/100	1,000 a							7,634
State	0/100/0	2,716 a	800 a	1,500 a	1,800 a	2,000 a	2,100 a	7,400	

Title: US 15 at Monocacy Boulevard Interchange Construction

TIP ID:	4892	Description:	Projected completion:	2019
Agency ID:	FR5711	Construction of a grade-separated US 15 interchange at Monocacy Boulevard, including a park-and-ride lot.		
Facility:	US 15 at Monocacy Boulevard/Christopher's			
From:				
To:				

All amounts shown in \$1,000s

Total Cost: \$75,000

SOURCE CODE	Federal/State/Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
Local	0/0/100	2,800 a							1,107
NHPP	100/0/0	1,211 a	83 b	347 b	347 b	203 b		897	
		23,035 b	149 c						
State	0/100/0	1,015 a	218 b	105 b	105 b			210	
		5,819 b	207 c						
		38,942 c							

Title: MD 180/Ballenger Creek Pike Corridor Study

TIP ID:	4897	Description:	Projected completion:	2030
Agency ID:	FR5491	Study to improve MD 180 and MD 351 capacity and operations between Greenfield Drive and Corporate Drive, supporting existing and planned development.		
Facility:	MD 180 /Ballenger Creek Pike			
From:	Greenfield Drive			
To:	Corporate Drive			

All amounts shown in \$1,000s

Total Cost: \$134,000

SOURCE CODE	Federal/State/Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
Local	0/0/100	500 a							
State	0/100/0	1,788 a							

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Scheduled for adoption by the National Capital Region Transportation Planning Board on
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Title: MD 97 at Montgomery Hills Highway Reconstruction

TIP ID:	5420	Description:	Projected completion:	2025
Agency ID:	MO2241	A study to evaluate and design to address MD 97 safety and accessibility improvements between MD 390 and MD 192.		
Facility:	MD 97			
From:	MD 390			
To:	MD 192			

All amounts shown in \$1,000s Total Cost: **\$40,000**

SOURCE CODE	Federal/State/Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
Local	0/0/100	3,044 a							941
State	0/100/0	1,632 a	700 a	450 a	246 a	245 a		941	

Title: MD 185 at Jones Bridge Road and Kensington Parkway Phase 3 BRAC Intersection Improvements

TIP ID:	6071	Description:	Projected completion:	2022
Agency ID:	MO5938	Construction of MD 185 Phase 3 intersection improvements at Jones Bridge Road and Kensington Parkway to improve access to Naval Support Activity Bethesda.		
Facility:	MD 185 at Jones Bridge Road and Kensington Parkway			
From:				
To:				

All amounts shown in \$1,000s Total Cost: **\$18,000**

SOURCE CODE	Federal/State/Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
OEA	100/0/0	5,348 b	1,439 b	1,221 b	839 b	687 a		11,513	11,513
				3,068 c	4,712 c	986 c			
State	0/100/0	4 b							

Title: MD 355 BRAC Highway Improvements

TIP ID:	6122	Description:	Projected completion:	2020
Agency ID:	MO5934	Construction of MD 355 intersection improvements between Woodmont Avenue/Glenbrook Parkway and South Wood Road/South Drive to improve access to Naval Support Activity Bethesda. This project is being designed and constructed in conjunction with Montgomery County's MD 355 Crossing design/build project, which includes a MD 355 pedestrian underpass providing access to Medical Center Metro Station.		
Facility:	MD 355			
From:	Woodmont Avenue/Glenbrook Parkway			
To:	South Wood Road/South Drive			

All amounts shown in \$1,000s Total Cost: **\$4,300**

SOURCE CODE	Federal/State/Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
OEA	100/0/0	4 c	4,290 c						
State	0/100/0	6 c	1 c						

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Scheduled for adoption by the National Capital Region Transportation Planning Board on
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Title: MD 500 at Hyattsville Urban Reconstruction

TIP ID:	6150	Description:	Projected completion:	2019
Agency ID:	PG5461	Construction of MD 500 landscaped median with sidewalk and crosswalk improvements from MD 208 to MD 410.		
Facility:	MD 500			
From:	MD 208			
To:	MD 410			

All amounts shown in \$1,000s

Total Cost: \$13,000

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
State	0/100/0	276 a	1,632 c	148 c			148	148
		91 b						
		10,895 c						
STBG 9	100/0/0	1,764 a						
		180 b						

Title: Naval Support Activity Bethesda BRAC Improvements

TIP ID:	6384	Description:	Projected completion:	2020
Agency ID:	M05931	Overall design and construction of improvements providing improved access to Naval Support Activity Bethesda. Parent project of M05932 (TIP 5998), M05933 (TIP 6072), M05934 (TIP 6122), M05935 (TIP 5988), M05936 (TIP 6077), M05937 (TIP 5992), and M05938 (TIP 6071).		
Facility:				
From:				
To:				

All amounts shown in \$1,000s

Total Cost: \$14,000

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
OEA	100/0/0	5,005 a						
State	0/100/0	9,136 a						

Title: US 29 at Stewart Lane, Tech Road, Greencastle Road, and Blackburn Road Interchange Construction

TIP ID:	6389	🚲	Description:	Projected completion:	2045
Agency ID:	M04253	Construction of new US 29 interchanges at Stewart Lane, Tech Road, Greencastle Road, and Blackburn Road.			
Facility:	US 29 at Stewart Lane, Tech Road, Greenca				
From:					
To:					

All amounts shown in \$1,000s

Total Cost: \$392,000

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
NHPP	100/0/0	1,866 a						
		401 b						
State	0/100/0	4,870 a						
		144 b						

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Scheduled for adoption by the National Capital Region Transportation Planning Board on
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Title: MD 337 at MD 218 and I-95/I-495 Northbound Exit BRAC Intersection Improvements

TIP ID:	6392	🚲	Description:	Projected completion:	2019
Agency ID:	PG7802			Construction of MD 337 intersection improvements at MD 218 to improve access to Joint Base Andrews.	
Facility:	MD 337				
From:	MD 218				
To:	I 95 Northbound Exit				

All amounts shown in \$1,000s Total Cost: **\$7,600**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
OEA	100/0/0	278 b						
		5,715 c						
State	0/100/0	91 b						
		1,526 c						

Title: MD 3 Corridor Study

TIP ID:	6394		Description:	Projected completion:	2035
Agency ID:	AT1981			A study to examine MD 3 safety and capacity upgrades between I-595/US 50/US 301 and I-97/MD 32. Portion of this study in Prince George's County is within the TPB planning area; portion in Anne Arundel County is within the BRTB planning area.	
Facility:	MD 3				
From:	I 595				
To:	Prince George's/Anne Arundel County line				

All amounts shown in \$1,000s Total Cost: **\$234,000**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
NHPP	100/0/0	3,097 a						
State	0/100/0	775 a						
		4,673 b						

Title: MD 5 at Linda Lane Intersection Improvements

TIP ID:	6395	🚲	Description:	Projected completion:	2030
Agency ID:	PG5971			Construction of MD 5 intersection improvements at Linda Lane.	
Facility:	MD 5 at Linda Lane				
From:					
To:					

All amounts shown in \$1,000s Total Cost: **\$46,000**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
NHPP	100/0/0	393 a						
State	0/100/0	42 a						

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Scheduled for adoption by the National Capital Region Transportation Planning Board on
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Title: US 50 Feasibility Study

TIP ID:	6398	Description:	Projected completion:	2035
Agency ID:	PG0641	A study to examine I-595/US 50 capacity and operational improvements between the Maryland/District of Columbia line and MD 704.		
Facility:	US 50			
From:	District of Columbia line			
To:	MD 704			

All amounts shown in \$1,000s

Total Cost: \$23,000

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
State	0/100/0	476 d						

Title: I-70/US 40 at MD 144FA, Meadow Road, and Old National Pike Interchange Construction

TIP ID:	6411	🚲	Description:	Projected completion:	2024
Agency ID:	FR5801	Construction of two missing I-70/US 40 ramp movements at MD 144FA, Meadow Road, and Old National Pike, including entry ramp to westbound I-70/US 40 and exit ramp from eastbound I-70/US 40.			
Facility:	I 70 at MD 144FA				
From:					
To:					

All amounts shown in \$1,000s

Total Cost: \$21,000

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
Local	0/0/100	3,300 b 6,500 c			4,250 c	4,250 c	8,500	8,500
PRIV	0/0/0	2,900 a						
State	0/100/0	252 a						

Title: US 15/US 40 Frederick Freeway Highway Reconstruction

TIP ID:	6431	Description:	Projected completion:	2030
Agency ID:	FR1881	Reconstruction of US 15 and US 40 between I-70 and MD 26.		
Facility:	US 15 /US 40			
From:	I 70			
To:	MD 26			

All amounts shown in \$1,000s

Total Cost: \$143,000

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
NHPP	0/100/0		400 a	400 a	400 a	520 a	135 a	1,455
NHPP	100/0/0		400 a	400 a	400 a	520 a	135 a	1,455
State	0/100/0	3,240 a	350 a	100 a	100 a	130 a	34 a	364

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Title: I-495 and I-270 P3 Project (Traffic Relief Plan)

TIP ID:	6432	Description:	Projected completion:	2025
Agency ID:	AW0731	Planning activities in support of the Traffic Relief Plan Phase 1, which will implement express toll lanes along I-270, between I-495 and I-70, and I-495, between the American Legion and Woodrow Wilson bridges.		
Facility:	I 270 /I 270Y /I 495			
From:				
To:				

All amounts shown in \$1,000s Total Cost: #####

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
State	0/100/0	43,849 a	55,000 a	31,281 a	4,566 c			39,265	39,265
			1,516 c	3,418 c					

Title: I-95/I-495 Suitland Road Bridges Replacement

TIP ID:	6437	🚲	Description:	Projected completion:	2020	
Agency ID:	Replacement of I-95/I-495 bridges 1616205 and 1616206 and Suitland Road.					
Facility:						I 95 /I 495 at Suitland Road
From:						
To:						

All amounts shown in \$1,000s Total Cost: \$36,000

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
NHPP	100/0/0	1,505 a							6,202
State	0/100/0	377 a	6,976 c	6,202 c				6,202	
		20,853 c							

Title: I-95/I-495 Suitland Parkway Bridges Replacement

TIP ID:	6438	🚲	Description:	Projected completion:	2021	
Agency ID:	Replacement of I-95/I-495 bridges 1616005 and 1616006 over Suitland Parkway.					
Facility:						I 95 /I 495 at Suitland Parkway
From:						
To:						

All amounts shown in \$1,000s Total Cost: \$36,000

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
NHFP	100/0/0	711 c	1,165 c	1,217 c				1,217	13,336
NHPP	100/0/0	6,399 c	10,480 c	10,948 c				10,948	
State	0/100/0	1,605 a	1,198 c	1,171 c				1,171	
		914 c							

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Scheduled for adoption by the National Capital Region Transportation Planning Board on
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Title: MD 140 Flat Run Bridge Replacement

TIP ID:	6439	🚲	Description:	Projected completion:	2020
Agency ID:	FR5361			Replacement of MD 140 bridge 10062 over Flat Run.	
Facility:	MD 140 at Flat Run				
From:					
To:					

All amounts shown in \$1,000s

Total Cost: **\$6,700**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
State	0/100/0	269 a	8 b	5 c			5	79
		261 b	60 c					
		1,006 c						
STBG 9	100/0/0	1,075 a	479 c	1 b			74	
		3,475 c		73 c				

Title: I-270 Innovative Congestion Management

TIP ID:	6444		Description:	Projected completion:	2020
Agency ID:	M00691			Pilot implementation of active traffic management (ATM) and innovative congestion mitigation (ICM) tools to reduce congestion on I-270, including the east and west spurs (31.5 miles). Includes requisite noise abatement.	
Facility:	I 270				
From:	I 495				
To:	I 70				

All amounts shown in \$1,000s

Total Cost: **\$131,000**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
State	0/100/0	2,061 a	42,582 c	42,866 c			42,866	42,866
		43,606 c						

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Scheduled for adoption by the National Capital Region Transportation Planning Board on
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Title: MD 85 Phase 1 Highway Reconstruction

TIP ID:	6483	Description:	Projected completion:	2022
Agency ID:	FR3881	Widen to a multilane divided highway from Crestwood Boulevard /Shockley Drive to Spectrum Drive, including MD 85 interchange reconstruction at I-270 and I-270 dual bridges replacement.		
Facility:	MD 85			
From:	Crestwood Boulevard/Shockley Drive			
To:	Spectrum Drive			

All amounts shown in \$1,000s

Total Cost: \$82,000

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
HPP	100/0/0	1,332 a	151 b						27,089
NHPP	100/0/0	451 a	9,318 c	10,506 c	11,966 c			22,472	
		22,696 c							
State	0/100/0	5,360 a	2,363 c	2,144 c	2,473 c			4,617	
		8,748 b							
		4,401 c							

Title: MD 355 CSX Old Main Line Subdivision Bridge Replacement

TIP ID:	6486	🚲	Description:	Projected completion:	2020
Agency ID:	FR5591		Replacement of MD 355 bridge 10084 over the CSX Old Main Line Subdivision.		
Facility:	MD 355 at CSX Old Main Line Subdivision				
From:					
To:					

All amounts shown in \$1,000s

Total Cost: \$14,000

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
State	0/100/0	427 a	5,293 b	1,403 c				1,403	1,403
		40 b							
		5,371 c							
STBG 9	100/0/0	1,443 a							

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Title: US 40AL Urban Reconstruction

TIP ID:	6488	🚲	Description:	Projected completion:	2020
Agency ID:	FR3501		Reconstruction of US 40AL from Ivy Hill Drive to Middletown Parkway.		
Facility:	US 40 AL				
From:	Ivy Hill Road				
To:	Middletown Parkway				

All amounts shown in \$1,000s

Total Cost: \$18,000

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
Local	0/0/100	4,800 c						38
NHPP	100/0/0	4,434 c	4,436 c					
State	0/100/0	1,859 a	546 c	38 c			38	
		338 b						
		386 c						
STBG 9	100/0/0	1,603 a						

Title: MD 180 Highway Reconstruction

TIP ID:	6489	🚲	Description:	Projected completion:	2020
Agency ID:	FR6781		Reconstruct MD 180 from 600 feet north of the western crossing of I-70 to the eastern crossing of I-70, including constructing second MD 180 bridge over US 15/US 340.		
Facility:	MD 180				
From:	I-70 (Western Crossing)				
To:	I-70 (Eastern Crossing)				

All amounts shown in \$1,000s

Total Cost: \$19,000

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
State	0/100/0	2,433 a	11 a	2,397 c			2,397	8,692
		105 b	188 b					
		29 c	2,041 c					
STBG 9	0/100/0	35 c	5,319 c	232 b			6,295	
				6,063 c				
STBG 9	100/0/0	35 c	5,319 c	232 b			6,295	
				6,063 c				

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Title: MD 355 Bennett Creek Bridge Replacement

TIP ID:	6518	Description:	Projected completion:	2021
Agency ID:	FR1321	Replacement of MD 355 bridge 10086 over Bennett Creek.		
Facility:	MD 355 at Bennett Creek			
From:				
To:				

All amounts shown in \$1,000s Total Cost: **\$17,000**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
State	0/100/0	483 a	116 b	118 b				118	5,480
		779 b	1,316 c						
		535 c							
STBG 9	100/0/0	2,056 a	5,157 c	5,362 c				5,362	
		1,071 c							

Title: I-95/I-495 MD 214 Bridges Replacement

TIP ID:	6522	Description:	Projected completion:	2021
Agency ID:	PG1272	Replacement of I-95/I-495 bridges 1615305 and 1615306 over MD 214.		
Facility:	I 95 /I 495 at MD 214			
From:				
To:				

All amounts shown in \$1,000s Total Cost: **\$36,000**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
NHFP	100/0/0	1,281 c	2,232 c	2,052 c	662 c			2,714	13,367
NHPP	100/0/0	4,057 c	7,487 c	6,498 c	2,095 c	72 c		8,665	
State	0/100/0	1,860 a	1,532 c	1,479 c	488 c	21 c		1,988	
		767 c							

Title: MD 4 Corridor Study

TIP ID:	6523	Description:	Projected completion:	2040
Agency ID:		A study to upgrade MD 4 to a multilane freeway from MD 223 to I-95/I-495.		
Facility:	MD 4			
From:	MD 223			
To:	I 95			

All amounts shown in \$1,000s Total Cost: **\$409,000**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
NHPP	100/0/0	786 a							
State	0/100/0	829 a							

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Title: MD 210 Corridor Study

TIP ID:	6524	Description:	Projected completion:	2040
Agency ID:	PG2211	Multimodal transportation study to relieve traffic congestion along MD 210 and improve intersections from I-95/I-495 to MD 228.		
Facility:	MD 210			
From:	I 95			
To:	MD 228			

All amounts shown in \$1,000s Total Cost: **\$456,000**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
NHPP	100/0/0	1 a	250 a	1,500 a	2,000 a	2,000 a	2,000 a	7,500	10,764
State	0/100/0	3,058 a 982 b							

Title: US 301 Highway Reconstruction

TIP ID:	6525	Description:	Projected completion:	2030
Agency ID:	PG2881	Upgrade and widening of US 301, from Mount Oak Road to US 50, and MD 197 from US 301 to Mitchellville Road. Bicycles and pedestrians will be accommodated where appropriate.		
Facility:	US 301 at MD 197			
From:	US 301 Mount Oak Road to US 50			
To:	MD 197 US 301 to Mitchellville Road			

All amounts shown in \$1,000s Total Cost: **\$394,000**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
State	0/100/0	2,504 a							

Title: MD 201 Highway Construction

TIP ID:	6526	Description:	Projected completion:	2045
Agency ID:	PG9491	Study of capacity improvements on MD 201 and US 1 from I-95/I-495 to north of Muirkirk Road.		
Facility:	MD 201 and US 1			
From:	I 95			
To:	Muirkirk Road			

All amounts shown in \$1,000s Total Cost: **\$683,000**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
State	0/100/0	6,839 a							

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Title: MD 202 at Brightseat Road Intersection Improvements

TIP ID:	6527	Description:	Projected completion:	2045
Agency ID:	PG6191	Intersection improvements at MD 202 and Brightseat Road.		
Facility:	MD 202 at Brightseat			
From:				
To:				

All amounts shown in \$1,000s Total Cost: **\$15,000**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
State	0/100/0	462 a							

Title: US 1 Phases 2-3 Highway Reconstruction

TIP ID:	6528	Description:	Projected completion:	2030
Agency ID:	PG2531	Reconstruction of US 1 between MD 193 and I-95/I-495		
Facility:	US 1			
From:	MD 193			
To:	I 95 / I 495			

All amounts shown in \$1,000s Total Cost: **\$62,000**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
State	0/100/0	1,387 a							

Title: MD 212A Urban Reconstruction

TIP ID:	6529	Description:	Projected completion:	2024
Agency ID:	PG1061	MD 212A reconstruction from Pine Street to US 1.		
Facility:	MD 212 A			
From:	Pine Street			
To:	US 1			

All amounts shown in \$1,000s Total Cost: **\$25,000**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
State	0/100/0	952 a	27 a	904 c	1,068 c	629 c	484 c	3,085	15,330
		2,651 b	238 b						
			384 c						
STBG 9	100/0/0	3,808 a 1 c	110 a 1,538 c	3,522 c	4,273 c	2,516 c	1,934 c	12,245	

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Title: I-70 Phase 4 Reconstruction

TIP ID:	6530	Description:	Projected completion:	2035
Agency ID:	FR8667	Widening of I-70 to six lanes between Mount Phillip Road and I-270.		
Facility:	I 70			
From:	Mount Phillip Road			
To:	I 270			

All amounts shown in \$1,000s Total Cost: **\$119,000**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
NHPP	100/0/0	946 a						
		12,683 b						
State	0/100/0	7,029 a						
		8,810 b						

Title: I-270/US 15 Multimodal Corridor Study

TIP ID:	6531	Description:	Projected completion:	2045
Agency ID:	FR1921	Multimodal corridor study to consider highway and transit improvements in the I-270/US 15 corridor in Montgomery and Frederick counties from Shady Grove Metro Station to north of Biggs Ford Road.		
Facility:	I 270 and US 15			
From:	Shady Grove Metro Station			
To:	North of Biggs Ford Road			

All amounts shown in \$1,000s Total Cost: #####

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
NHPP	100/0/0	14,397 a						
State	0/100/0	3,034 a						
		1,107 b						

Title: MD 355 Little Bennett Creek Bridge Replacement

TIP ID:	6532	Description:	Projected completion:	2020
Agency ID:	MO4271	Replacement of MD 355 Bridge 15053 over Little Bennett Creek.		
Facility:	MD 355 at Little Bennett Creek			
From:				
To:				

All amounts shown in \$1,000s Total Cost: **\$10,500**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
State	0/100/0	1,741 a	732 c	8 b	4 b		270	1,444
		122 b		258 c				
		647 c						
STBG 9	100/0/0	238 a	3,202 c	1,174 c			1,174	
		2,352 c						

AGENCY: MDOT/SHA

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Title: MD 117 Phases 2-3 Highway Reconstruction

TIP ID:	6533	Description:	Projected completion:	2030
Agency ID:	M06711	Construct intersection capacity improvements from I-270 to Metropolitan Grove Road and Metropolitan Grove Road to the west of Game Preserve Road.		
Facility:	MD 117 Clopper Road/Diamond Avenue			
From:	I 270			
To:	Metropolitan Grove Road			

All amounts shown in \$1,000s

Total Cost: \$66,400

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
State	0/100/0	2,393 a						
STBG 9	100/0/0	546 a						

Title: MD 97 at MD 28 Interchange Construction

TIP ID:	6535	Description:	Projected completion:	2035
Agency ID:	M08521	Construction of new MD 97 interchange at MD 28. Bicycle and pedestrian accommodations will be included where appropriate.		
Facility:	MD 97 at MD 28			
From:				
To:				

All amounts shown in \$1,000s

Total Cost: \$123,000

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
State	0/100/0	1,248 a						
STBG 9	100/0/0	1,581 a						

Title: MD 500 at Mount Rainier/Chillum Urban Reconstruction

TIP ID:	6590	Description:	Projected completion:	2021
Agency ID:	PG3641	Construction of landscaped median with sidewalk and crosswalk improvements from MD 208 to Eastern Avenue.		
Facility:	MD 500			
From:	MD 208			
To:	Eastern Avenue			

All amounts shown in \$1,000s

Total Cost: \$24,000

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
State	0/100/0	4,401 a	37 a	233 b	1,058 c		3,144	12,356
		1,529 b	671 b	1,853 c				
		7 c	1,065 c					
STBG 9	100/0/0	16 c	3,573 c	5,901 c	3,311 c		9,212	

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Title: MD 478 Potomac River Branch Bridge Relpacement

TIP ID:	6591	Description:	Projected completion:	2019
Agency ID:	FR1021	Replacement of MD 478 bridge 10089 over a branch of the Potomac River.		
Facility:	MD 478 at Potomac River Branch			
From:				
To:				

All amounts shown in \$1,000s

Total Cost: \$6,800

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
NHPP	100/0/0	2,550 c	2,073 c						22
State	0/100/0	470 a	14 b	19 b	3 c			22	
		389 b	635 c						
		351 c							
STBG 9	100/0/0	348 a							

Title: MD 254 Neale Sound Bridge Replacement

TIP ID:	6603	🚲	Description:	Projected completion:	2020
Agency ID:	CH2261				
Facility:	MD 254 at Neale Sound				
From:					
To:					

All amounts shown in \$1,000s

Total Cost: \$18,000

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
State	0/100/0	2,399 a	3 a	13 b	7 b			116	116
		139 b	10 b	96 c					
		8,662 c	6,504 c						

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Title: MD 464 Little Catoctin Creek Bridge Replacement

TIP ID:	6619	Description:	Projected completion:	2021
Agency ID:	FR6541	Replace bridge 10090 over Little Catoctin Creek.		
Facility:	MD 464 at Little Catoctin Creek			
From:				
To:				

All amounts shown in \$1,000s Total Cost: **\$5,300**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
State	0/100/0	322 a	3 b	83 c				83	424
		62 b	640 c						
		108 c							
STBG 9	100/0/0	790 a	2,579 c	341 c				341	
		335 c							

Title: MD 355 Monocacy River Bridge Replacement

TIP ID:	6620	Description:	Projected completion:	2024
Agency ID:	FR7051	Replacement of MD 355 bridge 10085 over the Monocacy River.		
Facility:	MD 355 at the Monocacy River			
From:				
To:				

All amounts shown in \$1,000s Total Cost: **\$2,400**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
State	0/100/0	136 a	145 a	145 a	49 a			194	963
STBG 9	100/0/0	535 a	577 a	577 a	192 a			769	

Title: US 301 at MD 5 Interchange Construction

TIP ID:	6635	Description:	Projected completion:	2030
Agency ID:	CH2032	Construction of a new flyover interchange on US 301 at MD 5 (Mattawoman-Beantown Road).		
Facility:	US 301 at MD 5 (Mattawoman-Beantown Ro			
From:				
To:				

All amounts shown in \$1,000s Total Cost: **\$41,000**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		

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Title: MD 225 Mattawoman Creek Bridge Replacement

TIP ID:	6645	Description:	Projected completion:	2024
Agency ID:	CH1681	Replacement of MD 225 bridge 08022 over Mattawoman Creek.		
Facility:	MD 225 at Mattawoman Creek			
From:				
To:				

All amounts shown in \$1,000s Total Cost: **\$3,200**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
State	0/100/0	463 a	295 a	295 a	123 a			418	418

Title: MD 382 Charles Branch Bridge Replacement

TIP ID:	6646	Description:	Projected completion:	2024
Agency ID:	PG0671	Replacement of MD 382 bridge 16061 over Charles Branch.		
Facility:	MD 382 at Charles Branch			
From:				
To:				

All amounts shown in \$1,000s Total Cost: **\$5,800**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
State	0/100/0	651 a	165 a	175 a	175 a	73 a	17 b	1,548	5,123
			10 b	17 b	17 b	17 b	780 c		
						277 c			
STBG 9	100/0/0					803 c	2,766 c	3,569	

Title: Riverdale Road Anacostia River Branch Bridge Replacement

TIP ID:	6647	Description:	Projected completion:	2025
Agency ID:	PG9671	Replacement of Riverdale Road bridge 16069 over the Northeast Branch of the Anacostia River.		
Facility:	Riverdale Road at Anacostia River Branch			
From:				
To:				

All amounts shown in \$1,000s Total Cost: **\$9,200**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
State	0/100/0	510 a	167 a	187 a	187 a	125 a	918 c	1,663	8,499
						246 c			
STBG 9	100/0/0					870 c	3,255 c	4,125	

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Title: MD 77 Beaver Branch Bridge Replacement

TIP ID:	6648	Description:	Projected completion:
Agency ID:	FR1541	Replacement of MD 77 bridge 10054 over Beaver Branch.	
Facility:	MD 77 at Beaver Branch		
From:			
To:			

All amounts shown in \$1,000s Total Cost: **\$1,200**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
State	0/100/0	955 a	221 a						

Title: MD 26 Westbound Monocacy River Bridge Replacement

TIP ID:	6649	Description:	Projected completion:
Agency ID:	FR6991	Replacement of westbound MD 26 bridge 10025 over the Monocacy River.	
Facility:	MD 26 at the Monocacy River		
From:			
To:			

All amounts shown in \$1,000s Total Cost: **\$1,800**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
State	0/100/0	510 a	537 a	537 a	179 a			716	716

Title: MD 355 Little Seneca Creek Bridge Replacement

TIP ID:	6650	Description:	Projected completion:
Agency ID:	MO1351	Replacement of MD 355 bridge 15054 over Little Seneca Creek.	
Facility:	MD 355 at Little Seneca Creek		
From:			
To:			

All amounts shown in \$1,000s Total Cost: **\$2,700**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
State	0/100/0	179 a							
STBG 9	100/0/0	259 a							

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Title: I-95/I-495 MD 4 Bridges Replacement

TIP ID:	6651	Description:	Projected completion:
Agency ID:	PG0191	Replacement of I-95/I-495 bridges 1615905 and 1615906 over MD 4.	
Facility:	I 95 /I 495 at MD 4		
From:			
To:			

All amounts shown in \$1,000s Total Cost: **\$21,000**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
State	0/100/0	360 a	337 a	337 a	141 a			478	478

Title: MD 210 Henson Creek Bridge Replacement

TIP ID:	6652	Description:	Projected completion:
Agency ID:	PG2402	Replacement of MD 210 bridge 16036 over Henson Creek.	
Facility:	MD 210 at Henson Creek		
From:			
To:			

All amounts shown in \$1,000s Total Cost: **\$1,800**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
State	0/100/0	410 a	378 a	378 a	378 a	220 a		976	976

Title: MD 4 Bridges over MD 717 and Race Track Road Replacement

TIP ID:	6653	Description:	Projected completion:
Agency ID:	PG2582	Replacement of MD 4 bridges 1609903 and 1609904 over MD 717 and bridges 1610803 and 1610804 over Race Track Road.	
Facility:	MD 4 at MD 717 and Race Track Road		
From:	MD 717		
To:	Race Track Road		

All amounts shown in \$1,000s Total Cost: **\$22,000**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
NHPP	100/0/0				931 c	3,771 c	4,325 c	9,027	20,956
State	0/100/0	393 a	455 a	675 a	281 a	1,064 c	1,220 c	3,502	
					262 c				

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Scheduled for adoption by the National Capital Region Transportation Planning Board on
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Title: MD 717 Western Branch Bridge Replacement

TIP ID:	6654	Description:	Projected completion:
Agency ID:	PG7201	Replacement of MD 717 bridge 16109 over Western Branch.	
Facility:	MD 717 at Western Branch		
From:			
To:			

All amounts shown in \$1,000s Total Cost: **\$2,700**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
State	0/100/0	725 a						

Title: I-95/I-495 MD 414 Bridges Replacement

TIP ID:	6655	Description:	Projected completion:
Agency ID:	PG7751	Replacement of I-95/I-495 bridges 1616705 and 1616706 over MD 414.	
Facility:	I 95 / I 495 at MD 414		
From:			
To:			

All amounts shown in \$1,000s Total Cost: **\$21,000**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
State	0/100/0	944 a						

Title: I-95/I-495 Good Luck Road Bridges Replacement

TIP ID:	6656	Description:	Projected completion:
Agency ID:	PG7752	Replacement of I-95/I-495 bridges 1614305 and 1614306 over Good Luck Road.	
Facility:	I 95 / I 495 at Good Luck Road		
From:			
To:			

All amounts shown in \$1,000s Total Cost: **\$2,400**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
NHPP	100/0/0	353 a	385 a	385 a	385 a	385 a	225 a	1,380
State	0/100/0	39 a	43 a	43 a	43 a	43 a	24 a	153

FY 2021-2024 TRANSPORTATION IMPROVEMENT PROGRAM

Scheduled for adoption by the National Capital Region Transportation Planning Board on
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Title: MD 223 at Dower House Road Intersection Improvements

TIP ID:	6660	🚲	Description:	Projected completion:	2021
Agency ID:	PG9341				
Facility:	MD 223 at Dower House Road				
From:					
To:					

All amounts shown in \$1,000s

Total Cost: \$5,000

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
DAR	100/0/0	600 a 16 b	40 b 400 c	40 b 300 c	40 b 300 c	40 b 300 c	30 b	750	3,062
NHPP	100/0/0		31 b 500 c	30 b 500 c	30 b 500 c	30 b 760 c	30 b	1,880	
State	0/100/0	273 a	8 b 100 c	8 b 100 c	8 b 100 c	8 b 200 c	8 b	432	

Title: MD 5 and MD 637 Urban Reconstruction

TIP ID:	6683	🚲	Description:	Projected completion:	2022
Agency ID:	PG7822				
Facility:	MD 5 and MD 637				
From:	Southern Avenue				
To:	Curtis Drive				

All amounts shown in \$1,000s

Total Cost: \$22,000

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
NHPP	100/0/0	7,664 c	22 c	1,787 c	3,180 c			4,967	6,586
State	0/100/0	3,722 a	161 a	95 a	39 b	47 b		1,619	
		674 b	37 b	37 b	897 c				
		2,628 c	6 c	504 c					

FY 2021-2024 TRANSPORTATION IMPROVEMENT PROGRAM

Scheduled for adoption by the National Capital Region Transportation Planning Board on
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Title: MD 225, Hawthorne Road, Bridge Replacement

TIP ID:	6689	🚲	Description:	Projected completion:	2022
Agency ID:	CH1681			Replacement of MD 5 Bridge 08021 over Mattawoman Creek	
Facility:	MD 5 over Mattawoman Creek				
From:					
To:					

All amounts shown in \$1,000s

Total Cost: \$3,200

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
State	0/100/0	323 a	489 a	364 a 85 c	355 c			804	2,364
STBG 9	100/0/0			302 c	1,258 c			1,560	

Title: MD 75 over I-70 Bridge Rehabilitation

TIP ID:	6690	🚲	Description:	Projected completion:	2024
Agency ID:	FR1951			Rehabilitation of MD 75 bridge 105600 over I-70	
Facility:	MD 75 at I-70				
From:					
To:					

All amounts shown in \$1,000s

Total Cost: \$11,910

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
State	0/100/0	303 a	120 a	47 a 196 c	917 c	1,141 c	264 c	2,565	11,487
STBG 9	100/0/0			696 c	3,253 c	4,036 c	937 c	8,922	

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Scheduled for adoption by the National Capital Region Transportation Planning Board on
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Agency: MDOT/Maryland Transportation Authority

Title: Governor Harry W. Nice/Senator Thomas "Mac" Middleton Bridge Replacement Project

TIP ID:	5527	Description:	Projected completion:	2023
Agency ID:		Construct a new four-lane bridge north of the existing bridge, with a barrier-separated, two-way bicycle/pedestrian path on the south side of the bridge. Included in the project is preventative maintenance of the existing bridge until the construction phase is programmed.		
Facility:	US Bridge over Potomac			
From:	Charles County, MD			
To:	King George County, VA			

All amounts shown in \$1,000s

Total Cost: **\$768,600**

SOURCE CODE	Federal/State/Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
State	0/100/0	31,611 a	1,923 a	2,080 b	2,809 b	207,916 c	70,940 c	684,947	684,947
		3,130 b	2,586 b	189,819 c	211,383 c				
			44,403 c						

FY 2021-2024 TRANSPORTATION IMPROVEMENT PROGRAM

Scheduled for adoption by the National Capital Region Transportation Planning Board on
March 18, 2020

Agency: MDOT/Maryland Transit Administration

Title: Purple Line

TIP ID:	2795	🚲	Description:	Projected completion:	2022	
Agency ID:	Construction of a 16 mile transitway that would operate between Bethesda and Silver Spring in Montgomery County and extend into Prince Georges County to connect with the Metrorail system at College Park and New Carrollton. The Bethesda to Silver Spring portion would include a parallel hiker/biker trail. The project would provide direct connections to both branches of the Metrorail Red Line, Green Line and Orange Line. The Purple Line would also link to all three MARC lines, AMTRAK and regional/local bus services. The project would include 21 stations. Ridership for 2040 is estimated at approximately 74,000 daily boardings. A TIFIA loan of \$890 million was obligated in 2016 and utilized by the P3 concessionaire from 2016-2022.					
Facility:						Purple Line
From:						Bethesda
To:						New Carrollton

All amounts shown in \$1,000s

Total Cost: **#####**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
P3	0/0/0	81,870 c	17,330 c	17,330 c	17,330 c		34,660	390,966
Sect. 5307	80/20/0	49,750 c	6,250 c	6,250 c	6,250 c		12,500	
Sect. 5309-N	80/20/0	83,000 a 110,000 b 695,000 c	145,000 c	145,000 c	145,000 c		290,000	
State	0/100/0	234,977 c	26,903 c	26,903 c	26,903 c		53,806	
TIFIA	100/0/0	890,000 c						

Title: Corridor Cities Transitway (CCT) - Planning & Design

TIP ID:	3468		Description:	Projected completion:	2020	
Agency ID:	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 a 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. NOTE: The state funds shown for Planning and Preliminary Engineering, Right of Way, and Construction wear all re-obligated in FY2015, for this project please refer to the CTP.					
Facility:						
From:						
To:						

All amounts shown in \$1,000s

Total Cost: **\$35,244**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
State	0/100/0	74,196 a 39,740 b 145,000 c						

FY 2021-2024 TRANSPORTATION IMPROVEMENT PROGRAM

Scheduled for adoption by the National Capital Region Transportation Planning Board on
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Title: US 29 Bus Rapid Transit Improvements Project

TIP ID:	6397	🚲	Description:	Projected completion:	2020
Agency ID:	MO4622			Implement Montgomery County's bus rapid transit system on US 29/MD 384 between Silver Spring Metrorail Station and Burtonsville Park and Ride.	
Facility:	US 29				
From:	MD 410				
To:	MD 198				

All amounts shown in \$1,000s Total Cost: **\$39,104**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
ARRA/TIGER 26/0/74		42,604 c						
Local	0/0/100	6,500 a	2,000 c					
		15,500 c						
State	0/100/0	3,000 a	3,500 c					

Title: Low or No Emission Grant Program

TIP ID:	6666		Description:	Projected completion:	2019
Agency ID:	TransIT Services of Frederick County (TSFC) in rural Maryland will replace three diesel buses that have exceeded there useful life with three advanced, heavy-duty BYD zero-emission battery-electric buses. TSFC intends to move toward an all-electric fleet, and this request will nearly double TSFC's fleet of battery-electric buses from 17 percent to 30 percent.				
Facility:					
From:					
To:					

All amounts shown in \$1,000s Total Cost: **\$1,667**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
Sect. 5339 (c) 90/0/10		1,667 e						

Title: Baltimore-Washington SCMAGLEV

TIP ID:	6711		Description:	Projected completion:	2045
Agency ID:	Baltimore-Washington Rapid Rail (BWRR), a private company based in Maryland, is proposing to construct an SCMAGLEV train system between Baltimore, Maryland and Washington, DC with an intermediate stop at BWI Marshal Airport. An Environmental Impact Statement (EIS) is being prepared to evaluate the potential impacts of the construction and operation of such a system. This phase of the project is being funded by a grant from the Federal Railroad Administration with matching funds provided by BWRR.				
Facility:				Baltimore-Washington SCMAGLEV	
From:				Baltimore	
To:				Washington	

All amounts shown in \$1,000s Total Cost: **#####**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
FRA Earmark	100/0/0	8,458 a	2,443 a	3,000 a			3,000	3,750
PRIV	0/0/0	2,114 a	611 a	750 a			750	

FY 2021-2024 TRANSPORTATION IMPROVEMENT PROGRAM

Scheduled for adoption by the National Capital Region Transportation Planning Board on
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Title: Prince George's County Clean Diesel Bus Enhancement Initiative

TIP ID:	6713	Description:	Projected completion:	2020
Agency ID:	1402	As an innovative and cost effective alternative to fuel-based services that meet vehicle needs for the program, Prince George's County's Department of Public Works & Transportation (DPW&T) will replace four buses from an aging fleet with four advanced, heavy duty electric buses and four 120 Kw charging stations.		
Facility:				
From:				
To:				

All amounts shown in \$1,000s

Total Cost: \$2

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT FY 2021	FY 2022	FY 2023	FY 2023	TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
Sect. 5339 (c) 80/0/20			2,750	e					

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Scheduled for adoption by the National Capital Region Transportation Planning Board on
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Agency: Charles County

Title: Poplar Hill Road Bridge over Zekiah Swamp Run

TIP ID:	6582	Description:	Projected completion:	2019
Agency ID:		Replace the superstructure (bridge abutments, wing walls, steel girders & concrete deck)		
Facility:	Poplar Hill Road Bridge			
From:	Zekiah Swamp Run			
To:				

All amounts shown in \$1,000s

Total Cost: **\$750**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
HBRRP	100/0/0	600 a							
Local	0/0/100	150 a							

FY 2021-2024 TRANSPORTATION IMPROVEMENT PROGRAM

Scheduled for adoption by the National Capital Region Transportation Planning Board on
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Agency: Frederick County

Title: Study, Design, ROW, & Construction

TIP ID:	5494	Description:	Projected completion:	2024
Agency ID:		Upgrade and improvements to Boyers Mill Road; Christopher's Crossing; Gas House Pike; Reichs Ford Road; White Rock subdivision; Yeagertown Rd. and Braddock Heights Improvements		
Facility:	Various Roads			
From:	Various Roads			
To:				

All amounts shown in \$1,000s

Total Cost: **\$32,612**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
State/Local	0/100/0			900 c			900	900

Title: Monocacy Blvd

TIP ID:	6383	🚲	Description:	Projected completion:	2017
Agency ID:			Reconstruct a substandard roadway from two to four lane divided section for approximately 1.5 miles. City design/construct with County subsidy.		
Facility:	Monocacy Blvd				
From:	Schifferstadt Blvd				
To:	Gas House Pike (East Leg)				

All amounts shown in \$1,000s

Total Cost: **\$16,700**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
Local	0/0/100			16,700 c				

Title: Christopher's Crossing

TIP ID:	6615	🚲	Description:	Projected completion:	2024
Agency ID:			Christophers Crossing through Fort Detrick's 'Area B', which ultimately extends from US 15 in the north around the City to US 40 in the west.		
Facility:	Christopher's Crossing				
From:	Shookstown Road				
To:	Rocky Springs Road				

All amounts shown in \$1,000s

Total Cost: **\$17,000**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
Local	0/0/100			2,000 c		15,000 c	15,000	15,000

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Scheduled for adoption by the National Capital Region Transportation Planning Board on
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Agency: Montgomery County

Title: Montgomery Mall Transit Center

TIP ID:	2898	Description:	Projected completion:
Agency ID:	P500714	This project provides for the County portion of the new Montgomery Mall Transit Center. Mall owners will develop the land and construct all bus and passenger foundation structures including utilities. The County will design and fund construction, as well as maintain the patron waiting area with weather/wind protected sides, passenger seating, a transit center canopy to protect patrons, and a driver restroom. Construction of the County portion is expected to start in FY 14 to coordinate with the Montgomery Mall Expansion by the developer. A pedestrian impact analysis will be performed during design, or is in progress.	
Facility:	Montgomery Mall Transit Center		
From:			
To:			

All amounts shown in \$1,000s Total Cost: **\$1,342**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
Local	0/0/100	163 a						
		2,476 c						

Title: Goshen Road South

TIP ID:	3049	Description:	Projected completion:
Agency ID:	P501107	This project provides for the design of roadway improvements along Goshen Road from south of Girard Street to 1000 feet North of Warfield Road, a distance of approximately 3.5 miles. The improvements will widen Goshen Road from the existing 2-lane open section road to a 4-lane divided, closed section roadway using 12-foot inside lanes, 11-foot outside lanes, 18-foot median, and 5-foot on-road bike lanes. A 5-foot concrete sidewalk and an 8-foot bituminous hiker/biker path along the east and west side of the road, respectively, are also proposed along with storm drain improvements, street lighting and landscaping. The project also entails construction of approximately 6,000 linear feet of retaining wall. The project is needed to reduce existing and future congestion, improve vehicular and pedestrian safety. It will improve roadway network efficiency, provide for alternate modes of transportation, and will significantly improve pedestrian safety by constructing a sidewalk and a hiker/biker path. A pedestrian impact analysis has been completed for this project. Construction completion is scheduled for FY 22, and funded in the CIP in the "Beyond 6 Years" period.	
Facility:	Goshen Road South		
From:	South of Girard Street		
To:	1000 feet north of Warfield Road		

All amounts shown in \$1,000s Total Cost: **\$128,630**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
Local	0/0/100	6,987 a	2,290 a					
		16,996 b	28,158 c					
		8,520 e	4,036 e					

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Scheduled for adoption by the National Capital Region Transportation Planning Board on
March 18, 2020

Title: Snouffer School Road North

TIP ID:	3062	Description:	Projected completion:
Agency ID:	P501119	This project provides for the design, land acquisition and construction of 1,300 linear feet of roadway widening and resurfacing along Snouffer School Road between Centerway Road and Fessenden Lane and a new traffic signal at Alliston Hollow Way, as well as providing for grading for two northern lanes and resurfacing two southern lanes from Fessenden Lane to Alliston Hollow Way. The closed-section roadway typical section consists of two through lanes southbound and one through lane northbound separated by a raised median, an 8-foot shared use path on the northern side, and a 5-foot sidewalk on the southern side within a 100 foot right-of-way. The sidewalk and shared use path will extend 2,500 linear feet from Centerway Road to Alliston Hollow Way. The project will include a bridge for the northbound traffic lanes and replacement of the existing bridge for the southbound traffic lane over Cabin Branch, street lights, storm drainage, stormwater management, and landscaping and utility relocations. This project is needed to meet the existing and future traffic and pedestrian demands in the area. It will improve traffic flow by providing additional traffic lanes and encourage alternative means of mobility through proposed bicycle and pedestrian facilities. A pedestrian impact analysis has been completed for this project.	
Facility:	Snouffer School Road		
From:	Sweet Autumn Drive		
To:	Centerway Road		

All amounts shown in \$1,000s

Total Cost: **\$13,482**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
Local	0/0/100	2,776 a	3,654 c					
		105 b	1,247 e					
		15,210 c						
		1,679 e						

Title: Ride On Bus Fleet

TIP ID:	3072	Description:	Projected completion:
Agency ID:	P500821	This project provides for the purchase of replacement buses in the Ride On fleet in accordance with the Division of Transit Services' bus replacement plan. The FY 15-20 plan calls for the following: FY 15: 26 full-size buses & 1 small diesel FY 16: 25 full-size buses FY 17: 15 full-size buses FY 18: 28 full-size buses FY 19: 9 full-size buses & 31 small diesel buses FY 20: 32 full-size buses	
Facility:	Ride On Bus Fleet		
From:	Countywide		
To:			

All amounts shown in \$1,000s

Total Cost: **\$190,352**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
Local	0/0/100	76,487 e	15,260 e					
Sect. 5307	100/0/0	11,200 e	1,600 e					
Sect. 5308	100/0/0	3,066 e						
State	0/100/0	16,800 e	400 e					

AGENCY: Montgomery County

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Scheduled for adoption by the National Capital Region Transportation Planning Board on
March 18, 2020

Title: Silver Spring Green Trail

TIP ID:	3125	Description:	Projected completion:	2022
Agency ID:	P509975	This project provides for an urban trail along the selected Purple Line alignment along Wayne Avenue in Silver Spring. A Memorandum of Understanding will be established between the County and the Maryland Transit Administration (MTA) to incorporate the design and construction of the trail as a part of the design and construction of the Purple Line. The pedestrian and bicycle use along this trail supplements the County transportation program. The funding provided for the trail includes the design, property acquisition, and construction of the trail through the Silver Spring CBD, along the northern side of Wayne Avenue from Fenton Street to the Sligo Creek Hiker-Biker Trail. This trail is part of a transportation corridor and is not a recreation area of State or local significance. The trail will include an 8-10 foot wide bituminous shared use path, lighting, and landscaping. The trail will provide access to the Silver Spring Transit Station, via the Metropolitan Branch Trail, and the future Capital Crescent Trail. A pedestrian impact analysis has been completed for this project. Will be design and built at part of Purple Line project. Final cost and cash flows will be determined based on final design and MOU agreement between MTA and County.		
Facility:	Silver Spring Green Trail			
From:	Fenton Street			
To:	Sligo Creek Hiker-Biker Trail			

All amounts shown in \$1,000s

Total Cost: **\$4,279**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
Local	0/0/100	1,670 c	140 c	127 c	64 c			191	191

Title: Chapman Avenue Extended

TIP ID:	3282	Description:	Projected completion:	
Agency ID:	P500719	This project provides for the extension of Chapman Avenue from Randolph Road to Old Georgetown Road. The system is essential to relieve congestion on MD 355 by providing local circulation to businesses in the North Bethesda area. Without this link, Chapman Avenue would stop just north of Old Georgetown Road with no connection to Randolph Road. Within the proposed 70-foot closed-section right-of-way will be: five-foot sidewalks on both sides, landscaping panels of varying widths up to eight feet on each side of the road, streetlights, storm drainage, and stormwater management. This project is needed to meet traffic and safety demands of existing and future land uses in the White Flint Area. Extensive office, retail, and residential development are planned for this area. This segment of the road will help to relieve congestion on Rockville Pike and provide for continuity, connectivity, and access for pedestrians and vehicle by linking retail centers with employment and residential development.		
Facility:	Chapman Avenue			
From:	Randolph Road			
To:	Old Georgetown Road			

All amounts shown in \$1,000s

Total Cost: **\$21,363**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
Local	0/0/100	971 a							
		4,795 b							
		3,383 c							
		2,054 e							

AGENCY: Montgomery County

FY 2021-2024 TRANSPORTATION IMPROVEMENT PROGRAM

Scheduled for adoption by the National Capital Region Transportation Planning Board on
March 18, 2020

Title: Falls Road East Side Hiker/Biker Path

TIP ID:	3429	🚲	Description:	Projected completion:
Agency ID:	P500905			This project provides funds to develop final design plans and to acquire right-of-way, and construct approximately 4 miles of an 8-foot bituminous hiker/biker path along the east side of Falls Road from River Road to Dunster Road. The path will provide pedestrian and cyclist access to communities along the project corridor and will provide connection to existing pedestrian facilities to the north (Rockville), and to the south (Potomac). The path is a missing link between existing bicycle facilities within the City of Rockville and the existing path along Falls Road south of River Road. The path provides much needed access to public transportation along Falls Road. The path will provide pedestrian access to the following destinations: bus stops along Falls Road, Bullis School, Ritchie Park Elementary School, Potomac Community Center, Potomac Library, Potomac Village Shopping Center, Potomac Promenade Shopping Center, Heritage Farm Park, Falls Road Golf Club, Falls Road Park, and a number of religious facilities along Falls Road.
Facility:	Falls Road Bikeway			
From:	River Road			
To:	Dunster Road			

All amounts shown in \$1,000s Total Cost: **\$24,830**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT FY 2021	FY 2022	FY 2023	FY 2023	TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
Local	0/0/100	608 a	1,165 e						
		1,622 b							

Title: Burtonsville Access Road

TIP ID:	3498		Description:	Projected completion:
Agency ID:	P500500			This project provides for a new roadway between Spencerville Road (MD 198) and the School Access Road in Burtonsville. This roadway will consist of two 12' lanes, closed section, for a length of approximately 1,400 linear feet. The project also includes an eight-foot parking lane, curb and gutter, five-foot sidewalks, landscaping and street lighting. The new road will serve as a local access road north of and parallel to MD 198 and the entrance to Burtonsville Shopping Center on the east side of US 29. This new road will provide an important alternative access for existing businesses on the north side of MD 198 and to the Burtonsville Elementary School. The project will create a more unified and pedestrian-friendly downtown Burtonsville and improve circulation in this area.
Facility:	Burtonsville Access Road			
From:	MD Spencerville Road			
To:	School Access Road in Burtonsville			

All amounts shown in \$1,000s Total Cost: **\$6,890**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT FY 2021	FY 2022	FY 2023	FY 2023	TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
Local	0/0/100	480 a	70 a						
		1,077 b	785 b						

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Scheduled for adoption by the National Capital Region Transportation Planning Board on
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Title: MD 355 Phase 2 Highway Reconstruction

TIP ID:	3542	Description:	Projected completion:	2020
Agency ID:	P500717	Construction of Montrose Parkway, including a CSX Railroad grade-separated crossing and interchange at Parklawn Drive.		
Facility:	Montrose Parkway			
From:	Randolph Road			
To:	East of Parklawn Drive			

All amounts shown in \$1,000s

Total Cost: **\$86,500**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
Local	0/0/100	5,539 a	65 a	65 a	1,393 a	1,168 a	1,193 a	81,594	81,594
		14,892 b	2,426 b	2,052 b	6,536 b	24,704 c	27,284 c		
		9 c			10,471 c	2,128 e			
		728 e			4,600 e				

Title: Pedestrian Safety Program

TIP ID:	3642	🚲	Description:	Projected completion:	
Agency ID:	P500333		This project provides for the review and analysis of existing physical structures and traffic controls in order to make modifications aimed at improving safety and the walking environment for pedestrians. This project provides for the construction of physical structures and/or installation of traffic control devices which include, but are not limited to: new crosswalks; pedestrian refuge islands; sidewalks; bus pull-off areas; fencing to channel pedestrians to safer crossing locations; relocating, adding, or eliminating bus stops; accessible pedestrian signals (countdown) or warning beacons; improving signage, etc. The improvements will be made in compliance with the requirements of the Americans with Disabilities Act (ADA). This project supports the construction of improvements at and around schools identified in the Safe Routes to School program. The project also includes performing pedestrian safety audits at High Incidence Areas, and implementing identified physical improvements, education, and outreach.		
Facility:	Pedestrian Safety Program				
From:	Countywide				
To:					

All amounts shown in \$1,000s

Total Cost: **\$19,512**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
Local	0/0/100	792 a	100 a						
		8,895 c	1,250 c						
		1,750 e	250 e						

FY 2021-2024 TRANSPORTATION IMPROVEMENT PROGRAM

Scheduled for adoption by the National Capital Region Transportation Planning Board on
March 18, 2020

Title: Traffic Signal System Modernization

TIP ID:	3648	Description:	Projected completion:
Agency ID:	P500704	This project provides for the modernization of the county's aged traffic control system. Phase I consists of planning, requirements development, systems engineering, and testing. Phase II consists of acquisition of central system hardware and software, acquisition and implementation of control equipment and communications for intersections, as well as reconfiguration of the communications cable plant. Phase 1 is complete.	
Facility:	Traffic Signal System Modernization		
From:			
To:			

All amounts shown in \$1,000s Total Cost: **\$40,849**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
Local	0/0/100	300 a 3,414 e	100 a 1,138 e						
State	0/100/0	1,096 a 2,904 e							

Title: Bethesda Bikeway and Pedestrian Facilities

TIP ID:	3680	Description:	Projected completion:
Agency ID:	P500119	This project provides bikeway network improvements and pedestrian intersection improvements as specified in the Bethesda CBD Sector Plan to complete the requirements of Stage I development.	
Facility:	Bethesda Bikeway and Pedestrian Facilities		
From:			
To:			

All amounts shown in \$1,000s Total Cost: **\$3,520**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
Local	0/0/100	467 a 609 c 180 e							

FY 2021-2024 TRANSPORTATION IMPROVEMENT PROGRAM

Scheduled for adoption by the National Capital Region Transportation Planning Board on
March 18, 2020

Title: Montrose Parkway East

TIP ID:	3703	Description:	Projected completion:
Agency ID:	P500717	This project provides for a new four-lane divided parkway as recommended in the North Bethesda / Garrett Park and Aspen Hill Master Plans. The roadway will be a closed section with 11-foot wide lanes, a 10-foot wide bikepath on the north side and a 5-foot wide sidewalk on the south side. The project includes a 350-foot bridge over Rock Creek. The roadway limits are between the eastern limit of the MD 355/Montrose interchange on the west, and the intersection of Veirs Mill Road and Parklawn Drive on the east. The project includes a bridge over CSX, a grade-separated interchange at Parklawn Drive, and a tie-in to Veirs Mill Road. This project will relieve traffic congestion on roadways in the area through increased network capacity. The project also provides improved safety for motorists, pedestrians, and bicyclists, as well as a greenway.	
Facility:	Montrose Parkway East		
From:	Eastern Limit of MD 355/Montrose Intercha		
To:	Veirs Mill Road/Parkland Road Intersection		

All amounts shown in \$1,000s Total Cost: **\$119,890**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
Local	0/0/100	2,915 a	4,000 a						
		14,123 b	12,256 c						
		15,695 c							
		7,440 e							

Title: Bethesda Metro South Entrance

TIP ID:	5560	Description:	Projected completion:
Agency ID:	P500929	This project provides access from Elm Street west of Wisconsin Avenue to the southern end of the Bethesda Metrorail Station. The Metrorail Red Line runs below Wisconsin Avenue through Bethesda more than 120 feet below the surface, considerably deeper than the Purple Line right-of-way. The Bethesda Metrorail Station has one entrance, near East West Highway. The station was built with accommodations for a future southern entrance. The Bethesda light rail transit (LRT) station would have platforms located just west of Wisconsin Avenue on the Georgetown Branch ROW. This platform allows a direct connection between LRT and Metrorail, making transfers as convenient as possible. Six station elevators would be located in the Elm Street ROW, which would require narrowing the street and extending the sidewalk. The station would include a new south entrance to the Metrorail Station, including a new mezzanine above the Metrorail platform, similar to the existing mezzanine at the present station's north end. The mezzanine would use the existing knock-out panel in the arch of the station and the passageway that was partially excavated when the station was built, in anticipation of the future construction of a south entrance. Specific dollar amounts and flows will be based on final design estimate and MOU between MTA and County.	
Facility:	Bethesda Metro South Entrance		
From:	Elm Street west of Wisconsin Avenue		
To:			

All amounts shown in \$1,000s Total Cost: **\$57,610**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
Local	0/0/100	7,200 a	6,437 c						
		42,473 c							

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Scheduled for adoption by the National Capital Region Transportation Planning Board on
March 18, 2020

Title: MD 355 Multimodal Crossing Project

TIP ID:	5724	Description:	Projected completion:
Agency ID:	P501209	This project provides for right-of-way negotiations, utility relocations, and the design and construction of a multimodal grade separated connection between the Walter Reed National Military Medical Center (WRNMMC) and the Medical Center Metro Rail station. The project consists of two major elements: (1) a shallow pedestrian and bicycle underpass below Rockville Pike, MD 355, just south of the South Wood Road/South Drive intersection. Access to the underpass will be provided by elevators, escalators and stairs; and (2) a bank of three high speed elevators, on the eastern side of MD 355 that will provide a direct connection from the WRNMMC to the existing Metro station mezzanine, about 120 feet below the elevation of MD 355. Canopies will cover the stairs and escalators. The project also includes extension of the southbound MD 355 left turn lane in the existing median to provide additional queuing for vehicles turning to the WRNMMC hospital entrance at South Wood Road; expansion of the curb radius at the northwestern corner of MD 355 / South Drive to improve bus access to the Metrorail station; and stormwater management. The scope of the work is included in the National Environmental Policy Act (NEPA) document prepared earlier by the County Department of Transportation (DOT) and approved by the Federal Highway Administration. A pedestrian impact analysis has been completed for this project	
Facility:	MD MD 355 Multimodal Crossing		
From:	MD Medical Center Metrorail Station/NIH		
To:	MD Walter Reed National Military Medical C		

All amounts shown in \$1,000s

Total Cost: \$72,980

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT FY 2021	FY 2022	FY 2023	FY 2023	TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
DOD	100/0/0	5,819 a							
		17,780 c							
		7,184 e							
OEA	100/0/0	5,193 a							
		13 b							
		41,399 c							
		14,750 e							
State	0/100/0	4,806 c							

FY 2021-2024 TRANSPORTATION IMPROVEMENT PROGRAM

Scheduled for adoption by the National Capital Region Transportation Planning Board on
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Title: MacArthur Boulevard Bikeway Improvements

TIP ID:	5729	🚲	Description:	Projected completion:
Agency ID:	P500718			Phase I of project provides bikeway improvements along 13,800' of MacArthur Boulevard from I-495 to Oberlin Avenue. Phase II extends the bikeway from Oberlin Ave to the DC Line. Phase to be completed in FY 15. Design for Phase 2 will start in FY19 with construction to start in FY21 and FY 22. To encourage alternative modes of travel and enhance pedestrian safety, the pavement will be widened to provide 2-3 foot shoulders to accommodate the needs of on-road commuters and experienced bicyclists. The existing shared-use path will be upgraded to current standards to promote usage and enhance safety for all users. This project will also provide for spot improvements to MacArthur Boulevard to enhance safety for pedestrians, cyclists and motorists. This project will improve safety and accessibility for pedestrians and bicyclists of all experience levels and enhances connectivity with other bikeways in the vicinity. A pedestrian impact analysis had been completed for this project.
Facility:	MacArthur Boulevard			
From:	I Capital Beltway			
To:	DC Line			

All amounts shown in \$1,000s

Total Cost: \$17,300

SOURCE CODE	Federal/State/Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
Local	0/0/100	2,375 a	754 a					
		5,389 c	200 b					
		260 e						

Title: Beach Drive Bridge M-PK-24001

TIP ID:	5912	Description:	Projected completion:
Agency ID:	P509132		
Facility:	Beach Drive Bridge		
From:	Over Silver Creek		
To:			

All amounts shown in \$1,000s

Total Cost:

SOURCE CODE	Federal/State/Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
HBRRP	80/0/20	1,400 a	200 a	2,200 c			2,400	2,400
			1,600 c	200 e				
			200 e					

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Scheduled for adoption by the National Capital Region Transportation Planning Board on
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Title: Brink Road Bridge M-0064001

TIP ID:	5913	Description:	Projected completion:	2019
Agency ID:	P509132	This project provides for the rehabilitation of the Brink Road Bridge, over Great Seneca Creek, as well as the reconstruction of the roadway approaches.		
Facility:	Brink Road Bridge M-0064001			
From:	Over Great Seneca Creek			
To:				

All amounts shown in \$1,000s Total Cost:

SOURCE CODE	Federal/State/Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
HBRRP	80/0/20	1,200 a	100 a	100 a			100	100

Title: Elmhirst Parkway Bridge M-PK-13001

TIP ID:	5915	Description:	Projected completion:	
Agency ID:	P501420	This project provides for the replacement of the Elmhirst Parkway Bridge over a tributary to Rock Creek, and for the reconstruction of the roadway approaches.		
Facility:	Elmhirst Parkway Bridge			
From:	Over tributary to Rock Creek			
To:				

All amounts shown in \$1,000s Total Cost: **\$1,965**

SOURCE CODE	Federal/State/Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
HBRRP	55/0/45	862 a						
		43 b						
		718 c						
		325 e						

Title: Garrett Park Road Bridge M-PK-04001

TIP ID:	5916	Description:	Projected completion:	
Agency ID:	P509132	This project provides for the rehabilitation of Garrett Park Road Bridge M-PK-04001 over Rock Creek, and the reconstruction of roadway approaches		
Facility:	Garrett Park Road Bridge M-PK-04001			
From:	Over Rock Creek			
To:				

All amounts shown in \$1,000s Total Cost:

SOURCE CODE	Federal/State/Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
HBRRP	80/0/20	1,400 a	100 a	100 a			100	100

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Scheduled for adoption by the National Capital Region Transportation Planning Board on
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Title: Gold Mine Road Bridge

TIP ID:	5917	Description:	Projected completion:
Agency ID:	P501302	This project provides for the replacement of the Gold Mine Road Bridge over the Hawlings River, and the construction of an 8' wide bikepath from James Creek Court to New Hampshire Avenue. The project includes 250 feet of approach roadway work at each end of the bridge, which consists of widening and raising the roadway profile by 5 feet at the bridge. The new bridge will carry two lanes of traffic, improve sight distances at the bridge, raise the bridge elevation to reduce flooding at the roadway, carry all legal vehicles, and provide pedestrian facilities across the river.	
Facility:	Gold Mine Road Bridge M-0096001		
From:			
To:			

All amounts shown in \$1,000s Total Cost: **\$4,433**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
HBRRP	25/0/75	2,005 a							
		315 b							
		4,731 c							
		500 e							
Local	0/0/100	69 b							

Title: Park Valley Road Bridge M-PK-03001

TIP ID:	5918	Description:	Projected completion:
Agency ID:	P501523	Replacement of Park Valley Road Bridge M-PK-03001 over Sligo Creek, and reconstruction of roadway approaches.	
Facility:	Park Valley Road Bridge M-PK-03001		
From:	Over Sligo Creek		
To:			

All amounts shown in \$1,000s Total Cost: **\$2,000**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
HBRRP	70/0/30	1,145 a							
		3,375 c							
		30 e							

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Scheduled for adoption by the National Capital Region Transportation Planning Board on
March 18, 2020

Title: Valley Road Bridge M-0111001

TIP ID:	5920	Description:	Projected completion:
Agency ID:	P501521	Rehabilitate Valley Road Bridge M-0111001 over Booze Creek, and reconstruct roadway approaches	
Facility:	Valley Road Bridge M-0111001		
From:			
To:			

All amounts shown in \$1,000s

Total Cost: \$1,175

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
HBRRP	70/0/30	840 a						
		750 c						
		85 e						

Title: Metropolitan Branch Trail

TIP ID:	5942	🚲	Description:	Projected completion:
Agency ID:	P501110		This project provides for completion of the preliminary engineering and final engineering necessary to obtain CSX and WMATA approvals for the 0.62-mile segment of this trail in Montgomery County between the end of the existing trail in Takoma Park, and the Silver Spring Transit Center. The trail will be designed to be 8 feet to 10 feet in width. This project also includes the land acquisition, site improvements, utility relocations and construction of the project from the Silver Spring Transit Center to the east side of Georgia Avenue, including a new or expanded pedestrian bridge over Georgia Avenue, as well as the segment along Fenton Street, from King Street to the north end of the existing trail. The design will also include a grade-separated crossing of Burlington Avenue, the narrowing of Selim Road, the trail segment on King Street, and the construction of new retaining walls and reconstruction of existing retaining walls. A pedestrian impact analysis has been completed for this project. This trail is to be part of a larger system of trails to enable non-motorized travel around the Washington Region. The trail is to be an off-road facility serving pedestrians, bicyclists, joggers and skaters and will be Americans with Disabilities Act (ADA) accessible.	
Facility:	Metropolitan Branch Trail			
From:	End of existing trail in Takoma Park			
To:	Silver Spring Transit Center			

All amounts shown in \$1,000s

Total Cost: \$12,147

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
Local	0/0/100	5,174 a	1,445 a	617 a			5,990	5,990
		1,372 b	83 b	5,373 c				
		533 c	6,056 c					
		381 e						

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Scheduled for adoption by the National Capital Region Transportation Planning Board on
March 18, 2020

Title: Bethesda CBD Streetscape

TIP ID:	5943	🚲	Description:	Projected completion:
Agency ID:	P500102		This project provides for the design and construction of pedestrian improvements to complete unfinished streetscapes along approximately 5,425 feet of streets in the Bethesda CBD as identified in the Bethesda CBD Sector Plan. This includes: Element 1 1,125 feet along Woodmont Avenue between Old Georgetown Road and Cheltenham Drive. Element 2 3,550 feet along Wisconsin Avenue between Cheltenham Drive and the northern end of the CBD. Element 3 750 feet along East-West Highway between Waverly Street and Pearl Street. This project is intended to fill in the gaps between private development projects that have been constructed or are approved in the CBD. Design elements include the replacement and widening, where possible, of sidewalks, new vehicular and pedestrian lighting, street trees, street furniture, roadway signs. The county will coordinate with the utility company for installation of aesthetic covering over existing utility poles within the project area. This project addresses streetscape improvements and does not assume the undergrounding of utilities.	
Facility:	Bethesda CBD Streetscape			
From:	Bethesda CBD			
To:	Bethesda CBD			

All amounts shown in \$1,000s Total Cost: **\$8,214**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
Local	0/0/100	1,397 a	490 a	262 a			2,646	2,646
		1,286 c	1,982 c	1,188 c				
				1,196 e				

Title: Flower Avenue Sidewalk

TIP ID:	5947		Description:	Projected completion:
Agency ID:	P501206		This project provides for the County's contribution to the City of Takoma Park for the construction of the sidewalk and the rehabilitation of Flower Avenue (MD 787) between Piney Branch Road and Carroll Avenue. The City of Takoma Park will annex the full width of the right-of-way on the east side of the road and take ownership and maintenance responsibilities from the State. The City of Takoma Park will transform the road into a "green street", including the construction of an ADA compliant sidewalk on the east side of the road. The County's contribution is subject to the County's review and concurrence of the scope of work for the sidewalk component of the "green street" project. Final Cash flows and Year subject to CIP adoption and MOU agreement between City of Takoma Park and County.	
Facility:	MD Flower Avenue Sidewalk			
From:	Piney Branch Road			
To:	Carroll Avenue			

All amounts shown in \$1,000s Total Cost: **\$200**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
Local	0/0/100	200 c						

AGENCY: Montgomery County

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Scheduled for adoption by the National Capital Region Transportation Planning Board on
March 18, 2020

Title: Platt Ridge Drive Extended

TIP ID:	5948	Description:	Projected completion:
Agency ID:	P501200	This project consists of the northerly extension of existing Platt Ridge Drive, approximately 600 feet through Chevy Chase Local Park, to connect with Montrose Driveway, a street in Chevy Chase Valley (also known as Spring Valley or Chevy Chase Section 9 subdivision.) To minimize impact to the park environment, the road will be of minimal complexity and width. (Pedestrian access will continue to be provided by the existing five-foot sidewalks on both sides of Spring Valley Road.) Vehicular ingress and egress from the Chevy Chase Valley community is currently difficult and will become even more difficult with the predicted increase in traffic from BRAC, especially with construction of a new southbound lane on Connecticut Avenue between I-495 and Jones Bridge Road now proposed by the State Highway Administration. This project will help address the congestion problem.	
Facility:	Platt Ridge Drive Extended		
From:	Its terminus at Jones Bridge Road		
To:	Montrose Driveway		

All amounts shown in \$1,000s Total Cost: **\$3,700**

SOURCE CODE	Federal/State/Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
Local	0/0/100	756 a						
		5,894 c						
		60 e						

Title: Bridge Preservation Program

TIP ID:	5971	Description:	Projected completion:
Agency ID:	P500313	This project includes actions or strategies that prevent, delay or reduce deterioration of bridges or bridge elements, restore the function of existing bridges, keep bridges in good condition and extend their useful lives. Preservation actions may be preventive or condition driven.	
Facility:	Bridge Preservation Program		
From:	County-wide		
To:	County-wide		

All amounts shown in \$1,000s Total Cost: **\$9,807**

SOURCE CODE	Federal/State/Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
Local	0/0/100	1,024 a	152 a					
		14 b	2 b					
		2,520 c	360 c					

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Scheduled for adoption by the National Capital Region Transportation Planning Board on
March 18, 2020

Title: Colesville Depot

TIP ID:	5973	Description:	Projected completion:
Agency ID:	P500709	This project provides for the planning and design of an expanded Colesville Depot, currently operated by the MCDOT for the purpose of providing road maintenance for the southeastern portion of the County. Major project components include: new outdoor storage canopy for maintenance vehicles, improved stormwater management, expansion of service bays, upgrade and relocation of offices, expansion of crew room, new bunk room, roof replacement, upgrade of existing rest rooms, repainting of all interior walls, replacement of ceiling tiles, repointing of masonry, refinishing of exterior surfaces and windows, and upgrading mechanical, electrical, communications and security systems.	
Facility:	Colesville Depot		
From:			
To:	Cape May Road		

All amounts shown in \$1,000s

Total Cost: **\$10,414**

SOURCE CODE	Federal/State/Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
Local	0/0/100	1,095 a						
		7,293 c						
		1,194 e						

Title: Resurfacing: Primary / Arterial

TIP ID:	5974	Description:	Projected completion:
Agency ID:	P508527	Montgomery County maintains approximately 966 lane miles of primary and arterial roadways. This project provides for the systematic milling, repair, and bituminous concrete resurfacing of selected primary and arterial roads and revitalization of others. This project provides for a systematic full-service, and coordinated revitalization of the primary and arterial road infrastructure to ensure viability of the primary transportation network, and enhance safety and ease of use for all users. One aspect of this project will focus on improving pedestrian mobility by creating a safer walking environment, utilizing selected engineering technologies, and ensuring compliance with the Americans with Disabilities Act (ADA).	
Facility:	County-wide		
From:			
To:	County-wide		

All amounts shown in \$1,000s

Total Cost: **\$59,518**

SOURCE CODE	Federal/State/Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
Local	0/0/100	6,975 a	915 a					
		39,525 c	5,185 c					

AGENCY: Montgomery County

FY 2021-2024 TRANSPORTATION IMPROVEMENT PROGRAM

Scheduled for adoption by the National Capital Region Transportation Planning Board on
March 18, 2020

Title: Sidewalk & Curb Replacement

TIP ID:	5975	🚲	Description:	Projected completion:
Agency ID:	P508182			This project provides for the removal and replacement of damaged or deteriorated sidewalks, curbs, and gutters in business districts and residential communities. MCDOT currently maintains about 1,034 miles of sidewalks and about 2,098 miles of curbs and gutters. This project includes: overlay of existing sidewalks with asphalt; base failure repair and new construction of curbs; and new sidewalks with handicapped ramps to fill in missing sections. A significant aspect of this project has been and will be to provide safe pedestrian access and ensure compliance with the Americans with Disabilities Act (ADA).
Facility:	Countywide			
From:				
To:				

All amounts shown in \$1,000s Total Cost: **\$56,059**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
Local	0/0/100	7,140 a	1,005 a						
		40,460 c	5,695 c						

Title: Intersection & Spot Improvements

TIP ID:	5980		Description:	Projected completion:
Agency ID:	P507017			This project provides for the planning and reconstruction of various existing intersections in Montgomery County, and for an annual congestion study to identify locations where there is a need for congestion mitigation. The project includes the identification and implementation of corridor modifications and traffic calming treatments to enhance pedestrian safety. At these identified locations either construction begins immediately or detailed design plans are prepared and developed into future projects. A pedestrian impact analysis will be performed during design or is in progress.
Facility:	Intersection & Spot Improvements			
From:	County-wide			
To:	County-wide			

All amounts shown in \$1,000s Total Cost: **\$10,117**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
Local	0/0/100	1,980 a	1,344 e						
		70 b							
		4,730 c							
		1,400 e							

Title: Neighborhood Traffic Calming

TIP ID:	5981		Description:	Projected completion:
Agency ID:	P509523			This project provides for the planning, design, and construction of physical traffic control features in residential neighborhoods. Traffic calming features such as traffic circles and islands, curb extensions, speed humps, physical and painted lane narrowing devices, etc., are used to maintain and improve the safety and livability of residential neighborhoods by addressing issues of aggressive driving and excessive speeds and volumes.
Facility:	Neighborhood Traffic Calming			
From:	Residential Neighborhoods County-wide			
To:				

All amounts shown in \$1,000s Total Cost: **\$2,801**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
Local	0/0/100	518 a	74 a						
		1,652 e	236 e						

AGENCY: Montgomery County

FY 2021-2024 TRANSPORTATION IMPROVEMENT PROGRAM

Scheduled for adoption by the National Capital Region Transportation Planning Board on
March 18, 2020

Title: Streetlight Enhancements - CBD / Town Center

TIP ID:	5982	Description:	Projected completion:
Agency ID:	P500512	This project provides for the evaluation and enhancement of street lighting within and around the Central Business Districts (CBDs) and town centers where current lighting does not meet minimum Illuminating Engineering Society of North America (IESNA) standards. This project will fill in street lighting; standardize streetlight types; and replace sodium vapor lighting. This project is needed to provide visibility and safety improvements in areas where there is a high concentration of pedestrians, bicyclists, and vehicles.	
Facility:	Streetlight Enhancements - CBD / Town Cen		
From:	CBDs and Town Centers		
To:			

All amounts shown in \$1,000s Total Cost: **\$3,930**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
Local	0/0/100	350 a	50 a						
		1,360 e	200 e						

Title: MD 355 Sidewalk (Hyattstown)

TIP ID:	5983	Description:	Projected completion:
Agency ID:	P501104	This project provides for the rehabilitation of existing sidewalk and for construction of a ½ mile section of continuous sidewalk along the west side of MD 355 between Hyattstown Mill Road and a point just south of the Montgomery/Frederick County Line, and along the east side of MD 355 from the crosswalk in the center Hyattstown Mill Road to a point just south of the Frederick County Boundary. The sidewalk will connect Hyattstown Historical District to the Little Bennett Regional Park and provide safe pedestrian access to transit stops, retail stores, and residences adjacent to the roadway. There is an October 2003 MD 355 (Frederick Road) Sidewalk Feasibility Study prepared by the Maryland State Highway Administration (SHA). A review of impacts to pedestrians, bicyclists and the requirements of the Americans with Disabilities Act (ADA) is being performed and addressed by this project.	
Facility:	MD 355 Sidewalk (Hyattstown)		
From:			
To:			

All amounts shown in \$1,000s Total Cost: **\$2,180**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
Local	0/0/100	486 a							
		100 b							
		1,295 c							
		304 e							

FY 2021-2024 TRANSPORTATION IMPROVEMENT PROGRAM

Scheduled for adoption by the National Capital Region Transportation Planning Board on
March 18, 2020

Title: White Flint District West: Transportation & West Workaround

TIP ID:	5986	Description:	Projected completion:
Agency ID:	P501116 & P501506	<p>This project provides for engineering, utility design, and land acquisition for one new road, one relocated road, improvements to three existing roads, and one new bikeway in the White Flint District area for Stage 1. The project also includes both design and future construction expenditures for the reconstruction of Rockville Pike and Hoya Street. Various improvements to the roads will include new traffic lanes, shared-use paths, undergrounding of overhead utility lines where required, other utility relocations and streetscaping. The new White Flint West Workaround project (CIP #501506) continues funding for several western workaround road projects. The following projects are funded through FY14 for final design:</p> <ol style="list-style-type: none"> 1. Main Street/Market Street (B-10) – Old Georgetown Road (MD 187) to Woodglen Drive – new two-lane 1,200 foot roadway. 2. Main Street/Market Street (LB-1) – Old Georgetown Road (MD 187) to Woodglen Drive – new 1,200 foot bikeway. 3. Executive Boulevard Extended (B-15) – Marinelli Road to Old Georgetown Road (MD 187) – 900 feet of relocated four-lane roadway. 4. Intersection of Hoya Street (formerly 'Old' Old Georgetown Road) (M-4A), Old Georgetown Road, and Executive Boulevard, including the approaches to Old Georgetown Road. <p>The following projects are proposed for both design and construction in the FY19-20 and Beyond 6-Years periods:</p> <ol style="list-style-type: none"> 5. Rockville Pike (MD 355) (M-6) – Flanders Avenue to Hubbard Drive – 6,300 feet of reconstructed 6-8 lane roadway. 6. Hoya Street (M-4A) – Montrose Parkway to the intersection of Old Georgetown Road – 1,100 feet of reconstructed four-lane roadway. <p>This project also provides for analysis and studies necessary to implement the district. Design is underway on all road projects in the western workaround, with the exception of the Rockville Pike segment, and will conclude in FY15 (FY15 design is funded through White Flint West Workaround). Design of the Rockville Pike section will begin in FY19 and will conclude in FY21 in order to coordinate with the implementation of the Rapid Transit System (RTS) (CIP #501318). Some property acquisition may occur on this section in FY20. The current expenditure/funding schedule assumes that land needed for road construction will be dedicated by the developers.</p>	
Facility:	White Flint District West: Transportation &		
From:			
To:			

All amounts shown in \$1,000s

Total Cost: **\$133,784**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
Local	0/0/100	11,851 a	2,570 a					
		1,200 b	208 b					
		27,995 c	1,250 c					
		26,423 e						

FY 2021-2024 TRANSPORTATION IMPROVEMENT PROGRAM

Scheduled for adoption by the National Capital Region Transportation Planning Board on
March 18, 2020

Title: White Flint Traffic Analysis and Mitigation

TIP ID:	5987	Description:	Projected completion:
Agency ID:	P501202	This project is programmed in direct response to requirements of the Approved White Flint Sector Plan. It is composed of three components with the overall goal of mitigating the traffic impacts on communities and major intersections outside of, and surrounding, the White Flint Sector Plan area that will occur as a result of the redevelopment densities approved under the Approved White Flint Sector Plan. These components include: A. Cut-through traffic monitoring and mitigation B. Capacity improvements to address congested intersections C. A study of strategies and implementation techniques to achieve the Sector Plan's modal split goals. The modal split study will identify specific infrastructure projects to create an improved transit, pedestrian, and biking infrastructure; and programs needed to accomplish the mode share goals; determine funding sources for these strategies; and determine the scope and cost of project components. Transit, pedestrian, bicycle access, safety studies, and TDM planning and implementation efforts are required to facilitate White Flint's transition from a highly automobile oriented environment to a more transit, pedestrian, and bicycle friendly environment. Once specific improvements are identified and concepts developed, detailed design and construction will be programmed in a stand alone PDF.	
Facility:	White Flint Traffic Analysis and Mitigation		
From:	White Flint Sector Plan and Surrounding Area		
To:			

All amounts shown in \$1,000s

Total Cost: \$1,787

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
Local	0/0/100	1,247 a	81 a						

FY 2021-2024 TRANSPORTATION IMPROVEMENT PROGRAM

Scheduled for adoption by the National Capital Region Transportation Planning Board on
March 18, 2020

Title: Capital Crescent Trail

TIP ID:	6015	🚲	Description:	Projected completion:
Agency ID:	P501316			<p>This project provides for the funding of the Capital Crescent trail, including the main trail from Elm Street Park in Bethesda to Silver Spring, as a largely 12-foot wide hard-surface hiker-biker path, connector paths at several locations, a new bridge over Connecticut Avenue, a new underpass beneath Jones Mill Road, supplemental landscaping and amenities, and lighting at trail junctions, underpasses and other critical locations.</p> <p>This trail will connect to the existing Capital Crescent Trail from Bethesda to Georgetown, the Metropolitan Branch Trail from Silver Spring to Union Station, and the Rock Creek Bike Trail from northern Montgomery County to Georgetown. This trail will serve pedestrians, bicyclists, joggers, and skaters, and will be compliant with the Americans with Disabilities Act of 1990 (ADA), the Bethesda CBD Sector Plan, and the Purple Line Functional Master Plan. Schedule: 1) The interim trail along the Georgetown Branch right-of-way between Bethesda and Lyttonsville will be upgraded to a permanent rail between FY 16 and FY 18, concurrent with the Purple Line construction schedule in that segment; 2) the new extension of the trail on the northeast side of the Metropolitan Branch Trail, between Lyttonsville and the Silver Spring Transit Center will be built in FY 19 and FY 20; 3) the Metropolitan Branch segment will be opened concurrently with the planned opening of the Purple Line in 2020. Final funding flows and costs subject to final design cost and completion of MOU between MTA and County.</p>
Facility:	Capital Crescent Trail			
From:	Elm Street Park in Bethesda			
To:	Silver Spring			

All amounts shown in \$1,000s Total Cost: **\$95,856**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
Local	0/0/100	6,000 a	700 b						
		700 b	16,805 c						
		53,151 c							

Title: Needwood Road Bikepath

TIP ID:	6016	🚲	Description:	Projected completion:
Agency ID:	P501304			<p>This project provides for the design and construction of a new 8-foot wide shared use path along the south side of Needwood Road, a distance of approximately 1.7 miles, between Deer Lake Road and Muncaster Mill Road (MD 115) in order to provide a safe and continuous pedestrian and bike connection to the Shady Grove Metro Station, Colonel Zadok Magruder High School, the Inter-County Connector (ICC) Shared Use Path, Rock Creek Trail, future North Branch Trail, and Rock Creek Regional Park (Lake Needwood). The project will also include the design and construction of the crossing of Muncaster Mill Road at Needwood Road intersection and a new 6-foot sidewalk along the east side of Muncaster Mill Road, a distance of approximately 450 feet, from Needwood Road to Colonel Zadok Magruder High School.</p>
Facility:	Needwood Road Bikepath			
From:	Deer Lake Road			
To:	Muncaster Mill Road			

All amounts shown in \$1,000s Total Cost: **\$5,765**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
Local	0/0/100	2,557 a							
		90 b							
		2,972 c							
		146 e							

AGENCY: Montgomery County

FY 2021-2024 TRANSPORTATION IMPROVEMENT PROGRAM

Scheduled for adoption by the National Capital Region Transportation Planning Board on
March 18, 2020

Title: Seven Locks Bikeway & Safety Improvements

TIP ID:	6017	🚲	Description:	Projected completion:
Agency ID:	P501303			This project provides for pedestrian and bicycle improvements for dual bicycle facilities (on-road and off-road), and enhanced, continuous pedestrian facilities along Seven Locks Road from Montrose Road to Bradley Boulevard (3.3 miles), plus a bike path on Montrose Road between Seven Locks Road and the I-270 ramp, plus northbound and eastbound auxiliary through lanes with on-road bike lanes at the intersection of Seven Locks Road and Tuckerman Lane. This project is needed to address bicycle facility disconnects along Seven Locks Road. The roadway lacks adequate north-south, on road/off-road bicycle facilities necessary to provide continuity and connection between existing and future bike facilities. Continuous bicycle and pedestrian facilities are needed to allow safe access to residential, retail and commercial destinations, as well as existing religious and educational facilities. The project is broken down into three phases: Phase I provides dual bikeway and pedestrian facilities for the segment of Seven Locks Road from Montrose Road to Tuckerman Lane including the bike path on Montrose and the improvements to the Tuckerman Lane intersection. This project currently provides funding for Phase 1 improvements only. Phase 2 provides a dual bikeway and pedestrian facilities for the segment of Seven Locks Road from Tuckerman Lane to Democracy Boulevard. Phase III provides a dual bikeway and pedestrian facilities for the segment of Seven Locks Road from Democracy Boulevard to Bradley Boulevard.
Facility:	Seven Locks Bikeway & Safety Improvement			
From:	Montrose Road			
To:	Bradley Boulevard			

All amounts shown in \$1,000s

Total Cost: \$27,944

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
Local	0/0/100	3,057 a	20 a					
		346 b	3,570 b					

FY 2021-2024 TRANSPORTATION IMPROVEMENT PROGRAM

Scheduled for adoption by the National Capital Region Transportation Planning Board on
March 18, 2020

Title: East Gude Drive Roadway Improvements

TIP ID:	6018	Description:	Projected completion:
Agency ID:	P501309	This project provides for the design, land acquisition, and construction of roadway improvements along East Gude Drive from Crabbs Branch Way to Southlawn Lane to increase roadway capacity, and to improve vehicular and pedestrian safety. The improvements will: (1) add a westbound lane (800 linear feet) from Calhoun Drive to Crabbs Branch Way; (2) extend the length of the eastbound taper east of Calhoun Drive (500 linear feet) to west of Incinerator Lane; (3) provide an east-to-northbound left turn lane (300 Feet) at Dover Road; (4) construct the missing section of sidewalk on the north side of East Gude Drive from west of Incinerator Lane to east of Calhoun Drive (550 linear feet); and (5) install 6 foot sidewalk connectors from each bus stop on the north side of East Gude Drive to the nearest intersection. A pedestrian impact analysis has been completed for this project. This project is needed to reduce existing and future congestion and improve pedestrian and vehicular safety. Planning and Design begin in FY 17; construction is to be completed by FY 21, and is funded in the "Beyond 6 Years" period", which begins on July 1, 2018.	
Facility:	East Gude Drive Roadway Improvements		
From:	Crabbs Branch Way		
To:	Southlawn Lane		

All amounts shown in \$1,000s

Total Cost: **\$6,027**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
Local	0/0/100	1,142 a	100 a					
		229 b	1,115 c					

FY 2021-2024 TRANSPORTATION IMPROVEMENT PROGRAM

Scheduled for adoption by the National Capital Region Transportation Planning Board on
March 18, 2020

Title: Seminary Road Intersection Improvement

TIP ID:	6019	Description:	Projected completion:
Agency ID:	P501307	This project provides for the design, land acquisition and construction of an approximate 40 foot segment of Seminary Road between the Brookeville Road/Seminary Place, and Linden Lane / Second Avenue intersections on a new alignment; reconstruction of 650 feet of Seminary Place from Seminary Road to 450 Feet east of Riley Place with a vertical alignment revision at Riley Place: increasing the Linden Lane curb lane widths along the 250 foot section between Brookeville Road and Second Avenue to provide two 15-foot shared use lanes to accommodate bicyclists; and reconstruction of the 350 foot segment Brookeville Road between Linen Lane and Seminary Road. Seminary Road will be a closed-section roadway with two 15-foot shared use lanes and a sidewalk along the northern side. Brookeville Road will be a closed-section roadway with one southbound 16-foot shared use lane, sidewalks, and a parking lane on the western side. The project includes street lights, landscaping and stormwater management. The project will simplify vehicle movements and improve traffic congestion by eliminating the Seminary Road “sweep” between Brookville Road and Second Avenue, and pedestrian and bicyclist safety will be improved. The proposed Seminary Place vertical alignment revision at Riley Place will increase intersection sight distance. A pedestrian impact analysis has been completed for this project.	
Facility:	Seminary Road Intersection Improvement		
From:	Brookeville Road Seminary Place Intersectio		
To:	Linden Lane/Second Avenue Intersection		

All amounts shown in \$1,000s

Total Cost: \$7,258

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
Local	0/0/100	1,533 a	318 e					
		605 b						
		4,550 c						
		252 e						

FY 2021-2024 TRANSPORTATION IMPROVEMENT PROGRAM

Scheduled for adoption by the National Capital Region Transportation Planning Board on
March 18, 2020

Title: Clarksburg Transportation Connections

TIP ID:	6020	Description:	Projected completion:
Agency ID:	P501315	This project provides for the County contribution to the developers design, partial land acquisition, and construction of the: 1) The 2400' long section of Snowden Farm Parkway from 300' north of Morning Star Drive to Ridge Road (MD 27) 2) The 3,400' section of Little Seneca Parkway from Snowden Farm Parkway to Frederick Road (MD 355) 3) The Intersection of Brink Road @ MD 355 Both parkways will include four-lane divided roadways, an 8' wide bikeway along the north/west sides, and a 5' sidewalk along the south/east sides within the 120' right-of-way. The Brink Road intersection will include improvements to the intersection as required by the Planning Board's opinion in the approval of the Clarksburg Village and Greenway Village Subdivisions. The project will also include street lighting, stormwater management, landscaping and reforestation. Appropriate auxiliary lanes and traffic signals will also be provided. A pedestrian impact analysis will be performed during design or is in progress. These roads will provide congestion relief to the Clarksburg area by providing direct tie-ins to MD 355 and MD 27, thus providing better access to I-270. These roads will provide congestion relief to the Clarksburg Area by providing direct tie-ins to MD 355 and MD 27 and thus better access to I-270.	
Facility:	Clarksburg Transportation Connections		
From:	Snowden Farm Parkway/Little Seneca Park		
To:	Ridge Road/		

All amounts shown in \$1,000s Total Cost: **\$10,000**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
Local	0/0/100	8,000 e	2,000 e					

Title: Frederick Road Bike Path: Stringtown to Milestone Manor

TIP ID:	6063	🚲	Description:	Projected completion:
Agency ID:	P501118		This project provides for the design, land acquisition, and construction of a new 10-foot wide hiker-biker path along the west side of Frederick Road (MD 355) between Stringtown Road and the existing hiker-biker path near Milestone Manor Lane, a distance of approximately 2.5 miles. The entire project will replace about 0.9 miles of existing sidewalk segments in order to provide a continuous route serving two schools, two parks, and a church. The project includes streetlights and street trees.	2020
Facility:	Frederick Road Bike Path			
From:	Stringtown Road			
To:	Milestone Manor Lane			

All amounts shown in \$1,000s Total Cost: **\$7,402**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
Local	0/0/100	2,229 a	133 a					
		564 b	1,158 c					
		3,190 c	28 e					

FY 2021-2024 TRANSPORTATION IMPROVEMENT PROGRAM

Scheduled for adoption by the National Capital Region Transportation Planning Board on
March 18, 2020

Title: Snouffer School Road: Sweet Autumn Dr. to Centerway Rd

TIP ID:	6064	Description:	Projected completion:
Agency ID:	P501109	This project provides for the design, land acquisition, and construction of 5,850 linear feet of roadway widening along Snouffer School Road between Sweet Autumn Drive and Centerway Road. The roadway typical section consists of two through lanes in each direction, a continuous center turn lane and 5.5 foot bike lanes in each direction with an 8-foot shared use path on the north side and a 5-foot sidewalk on the south side within a 90' right-of-way. The project will require approximately 1.44 acres of land acquisition and will include street lights, storm drainage, stormwater management, and landscaping. The Maryland State Highway Administration (MSHA) MD 124 Phase II project will widen the approximate 900 linear foot segment on Snouffer School Road between Sweet Autumn Drive and Woodfield Road.	
Facility:	Snouffer School Road		
From:	Sweet Autumn Drive		
To:	Centerway Road		

All amounts shown in \$1,000s Total Cost: **\$23,710**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
Local	0/0/100	3,263 a						
		3,898 b						
		14,533 c						
		1,715 e						

Title: Lyttonsville Bridge

TIP ID:	6363	Description:	Projected completion:
Agency ID:	P501421	Bridge Deck Replacement	
Facility:	Over Georgetown Branch Trail		
From:			
To:			

All amounts shown in \$1,000s Total Cost: **\$500**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
Local	0/0/100	500 a						

Title: Transportation Improvements for Schools

TIP ID:	6364	Description:	Projected completion:
Agency ID:	P509036	This project provides for transportation improvements such as intersection modifications, sidewalks, traffic signals, streetlights etc. for safe pedestrian and vehicular circulation identified in the Montgomery County Public Schools Capital Program. Schools include but are not limited too: Page Elementary, Sligo Middle School, Cloverly Elementary School and Glenhaven Elementary School. Specific Safe Routes to School studies and assessments are included separately in the MCDOT operating budget.	
Facility:	Various		
From:			
To:			

All amounts shown in \$1,000s Total Cost: **\$1,775**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
Local	0/0/100	1,027 e	209 e					

AGENCY: Montgomery County

FY 2021-2024 TRANSPORTATION IMPROVEMENT PROGRAM

Scheduled for adoption by the National Capital Region Transportation Planning Board on
March 18, 2020

Title: Bicycle and Pedestrian Priority Area Improvements

TIP ID:	6365	Description:	Projected completion:
Agency ID:	P501532	The project provides for the design and construction of bicycle and pedestrian capital improvements in the 28 Bicycle-Pedestrian Priority Areas (BPPAs) identified in County master plans. Examples of such improvements include, but are not limited to: sidewalk, curb, and curb ramp reconstruction to meet ADA best practices, bulb-outs, cycle tracks, streetlighting, and relocation of utility poles. A study in FY15 will identify sub-projects in the following BPPAs: Glenmont, Grosvenor, Silver Spring Central Business District, Veirs Mill/Randolph Road, and Wheaton Central Business District. Design and construction of sub-projects will begin in FY16.	
Facility:			
From:			
To:			

All amounts shown in \$1,000s Total Cost: **\$5,375**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
Local	0/0/100	975 a	1,000 e					
		3,400 c						

Title: MD 355 Bus Rapid Transit Study

TIP ID:	6396	🚲	Description:	Projected completion:
Agency ID:	M04621		A study to evaluate roadway improvements necessary to implement Montgomery County's bus rapid transit system on MD 355 between Bethesda Metro Station and Clarksburg.	2040
Facility:	MD 355			
From:	MD 410			
To:	Redgrave Place			

All amounts shown in \$1,000s Total Cost:

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
State	0/100/0	6,500 a						

Title: Mouth of Monocacy Road Bridge Replacement

TIP ID:	6584	Description:	Projected completion:
Agency ID:	M-0043	The Mouth of Monocacy Road Bridge, built in 1971, is a single span (47'-6" span length) steel beam structure carrying a 14'-9" roadway (one lane bridge). The bridge has very low traffic volume, ADT of 135 in 2011. The road is classified as an exceptional rustic road in the Rustic Roads Functional Master Plan. The steel beams and bearings are in poor condition. The structure is structurally deficient. It has a bridge sufficiency rating of 29.4 out of 100 and is eligible for replacement using federal funding. The bridge and road will be closed to traffic during construction.	
Facility:	Mouth of Monocacy Road Bridge		
From:	Monocacy River		
To:			

All amounts shown in \$1,000s Total Cost: **\$3,050**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
HBRRP	80/0/20	400 a	150 a	150 a	40 a		190	490
Local	0/0/100				300 b		300	

AGENCY: Montgomery County

FY 2021-2024 TRANSPORTATION IMPROVEMENT PROGRAM

Scheduled for adoption by the National Capital Region Transportation Planning Board on
March 18, 2020

Title: Dennis Avenue Bridge Replacement M-0194

TIP ID:	6608	Description:	Projected completion:	2024
Agency ID:	501701	This project provides for the replacement of Dennis Ave. Bridge (M-0194) over a tributary to Sligo Creek. The existing bridge, built in 1961, is a single 30-foot span structure. The proposed replacement bridge will be a single 75-foot span structure. The wider opening will mitigate the frequent flooding of five residential properties and local streets upstream of the bridge; mitigate occasional roadway flooding on Dennis Avenue that causes significant traffic delays; and eliminate annual maintenance repairs required for this deteriorating structure.		
Facility:	Dennis Avenue Bridge			
From:	Tributary to Sligo creek			
To:				

All amounts shown in \$1,000s Total Cost: **\$5,610**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
HBRRP	80/0/20	400 a	200 a	100 a	100 a		1,200	1,300
					1,000 e			
Local	0/0/100				100 b		100	

Title: Electric Bus Grants

TIP ID:	6616	Description:	Projected completion:	2020
Agency ID:		For the procurement and installation of fourteen bus depot chargers, replacement of four 30' GILLIG diesel buses with four 35' Proterra' E2 battery electric buses, and ten 40' GILLIG diesel buses with ten 40' battery electric buses. The buses are Montgomery County's first zero-emission buses and would be a component of green and sustainable initiatives underway in the county. Montgomery County, Maryland seeks to update its fleet with four Proterra 35' E2 battery electric buses to replace four GILLIG 30' diesel buses. Additionally, Montgomery County seeks to procure and install four depot chargers. The buses would be Montgomery County's first zero-emission buses and would be a component of green and sustainable initiatives underway in the county.		
Facility:	Silver Spring Depot Charging Stations			
From:				
To:				

All amounts shown in \$1,000s Total Cost: **\$4,395**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
Sect. 5339 (c)	80/0/20	4,395 e	8,730 e					

FY 2021-2024 TRANSPORTATION IMPROVEMENT PROGRAM

Scheduled for adoption by the National Capital Region Transportation Planning Board on
March 18, 2020

Title: Zion Road Bridge M-0121 over Hawlings River

TIP ID:	6667	Description:	Projected completion:	2025
Agency ID:		Replacement of the Zion Road Bridge (No. M-0121) over Hawlings River		
Facility:	Zion Road Bridge over Hawlings River			
From:				
To:				

All amounts shown in \$1,000s

Total Cost: \$3,150

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
HBRRP	80/0/20	50 a	160 a	160 a	160 a	160 a	50 a	530	1,440
Local	0/0/100						300 b	400	
							100 e		

FY 2021-2024 TRANSPORTATION IMPROVEMENT PROGRAM

Scheduled for adoption by the National Capital Region Transportation Planning Board on
March 18, 2020

Agency: Prince George's County

Title: Contee Road

TIP ID:	3114	Description:	Projected completion:	2019
Agency ID:		This project will include the reconstruction of Contee Road from US 1 to the proposed Virginia Manor Road eas (MD 201/Kenilworth Avenue extended). The improvements will include the construction of a 4 lane divided roadway with median, bicycle lanes, sidewalks, street lights, traffic signal, curb and gutter and landscaping. This improvement is necessary to serve planned development in the area and to improve access to the Laurel Regional Hospital.		
Facility:	Contee Road			
From:	US 1			
To:	MD 201 Extended/Virginia Manor Road/Con			

All amounts shown in \$1,000s Total Cost: **\$24,512**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT FY 2021	FY 2022	FY 2023	FY 2023	TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
Local	0/0/100	1,950 a							
		50 e							

Title: Hill Road III

TIP ID:	3132	Description:	Projected completion:	2019
Agency ID:		This project involves improvements to the Hill Road/MD 704 intersection. It includes sidewalk construction, street lighting and landscaping. The construction of traffic circles at several locations along Hill Road will also be evaluated as traffic measures to improve safety. This project will be partially funded with developer contributions.		
Facility:	Hill Road			
From:				
To:	MD Hill Road @ ML King Jr Highway			

All amounts shown in \$1,000s Total Cost: **\$4,304**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT FY 2021	FY 2022	FY 2023	FY 2023	TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
Local	0/0/100	195 a							
		520 b							
		3,325 c							
		804 e							

Title: Suitland Road

TIP ID:	3157	Description:	Projected completion:	2024
Agency ID:		Redevelopment and reconstruction to provide a four-lane facility to support local development and to improve safety and area traffic flow. Phase I has been completed, was an interim measure that provided pavement repair and roadway resurfacing, drainage improvements and the construction of sidewalk between Allentown Road and Henson Creek.		
Facility:	Suitland Road			
From:	MD Allentown Road			
To:	Suitland Parkway			

All amounts shown in \$1,000s Total Cost: **\$13,851**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT FY 2021	FY 2022	FY 2023	FY 2023	TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
Local	0/0/100	70 a							
		123 b							
		8,415 c							

FY 2021-2024 TRANSPORTATION IMPROVEMENT PROGRAM

Scheduled for adoption by the National Capital Region Transportation Planning Board on
March 18, 2020

Title: Surratts Road

TIP ID: 3159 **Description:** **Projected completion:** 2018

Agency ID: _____
Facility: Surratts Road
From: Beverly Ave.
To: Brandywine Road

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

All amounts shown in \$1,000s **Total Cost: \$19,023**

SOURCE CODE	Federal/State/Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
Local	0/0/100	837 a						
		5,374 c						
		9,644 e						

Title: Wheeler Road

TIP ID: 3166 **Description:** **Projected completion:** 2018

Agency ID: _____
Facility: Wheeler Road
From: Owens Road
To: St. Barnabas Road

This project consists of providing geometric improvements at the intersection of Wheeler Road at Owens Road and Saint Barnabas Road. The project limits extend from Saint Brnabas Road to west of Owens Road. This modification will eliminate congestion caused by traffic at Owens Road.

All amounts shown in \$1,000s **Total Cost:**

SOURCE CODE	Federal/State/Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
Local	0/0/100	259 a						
		809 b						
		3,102 c						

FY 2021-2024 TRANSPORTATION IMPROVEMENT PROGRAM

Scheduled for adoption by the National Capital Region Transportation Planning Board on
March 18, 2020

Title: Oxon Hill Road Widening

TIP ID:	4912	Description:	Projected completion:	2019
Agency ID:		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.		
Facility:	Oxon Hill Road			
From:	National Harbor Ent.			
To:	Fort Foote North			

All amounts shown in \$1,000s Total Cost: **\$33,837**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
Local	0/0/100	692 a							
		1,184 b							
		27,255 c							

Title: Old Gunpowder Road II

TIP ID:	5258	Description:	Projected completion:	2018
Agency ID:		This project is composed of two phases. Phase I consists of designing the ultimate, four lane divided urban collector section from Greencastle Road to Denim Road. A developer will construct two lanes of the four-lane divided section from 400 feet south of Greencastle Road to Briggs Chaney Road. Phase II consists of constructing the remaining unbuilt portion of the ultimate full collector section from Greencastle Road to Denim Road. Included is the construction of an additional bridge over I-95. "Developer" funding consists of potential contributions from area developments that have traffic impacts to the roadway. The improvements are needed to serve planned development in the area.		
Facility:	Old Gunpowder Road			
From:	Powder Mill Road			
To:	Greencastle Road			

All amounts shown in \$1,000s Total Cost: **\$17,764**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
Local	0/0/100	550 a							
		4,910 b							
		11,800 c							

Title: Brandywine Road Bridge Replacement

TIP ID:	5400	Description:	Projected completion:	2022
Agency ID:		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		
Facility:	Brandywine Road Bridge over Piscataway Cr			
From:	north side of Piscataway Creek			
To:	south side of Piscataway Creek			

All amounts shown in \$1,000s Total Cost: **\$5,086**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
HBRRP	80/0/20	456 a	150 a	50 a	50 a			4,330	4,330
		100 e	50 b	3,280 c	950 c				

AGENCY: Prince George's County

FY 2021-2024 TRANSPORTATION IMPROVEMENT PROGRAM

Scheduled for adoption by the National Capital Region Transportation Planning Board on
March 18, 2020

Title: Bridge Replacement, Federal Aid

TIP ID:	5401	Description:	Projected completion:	2026
Agency ID:		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.		
Facility:	Bridge Replacement Federal Aid			
From:	various locations			
To:	various locations			

All amounts shown in \$1,000s Total Cost: **\$28,400**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
HBRRP	80/0/20		500 a	300 a	500 a	880 a	300 a	15,400	20,050
			1,500 c	100 b	3,800 c	120 b	6,500 c		
				1,400 c		1,500 c			

Title: Auth Road II

TIP ID:	5608	Description:	Projected completion:	2021
Agency ID:		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.		
Facility:	Auth Road			
From:	Allentown Road			
To:	Metro Access Road (Woods Way)			

All amounts shown in \$1,000s Total Cost: **\$16,100**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
Local	0/0/100	1,000 a							

Title: Bridge Replacement - Livingston Road

TIP ID:	5806	Description:	Projected completion:	2024
Agency ID:		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 limits are anticipated to be County funded. the bridge is currently load restricted to 58,000 pounds and was originally constructed in 1932.		
Facility:	Bridge Replacement - Livingston Road			
From:				
To:	Over Piscataway Creek			

All amounts shown in \$1,000s Total Cost: **\$7,175**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
HBRRP	80/0/20	488 a	300 a	150 a	150 a	150 a	800 c	5,900	5,900
		237 e	250 b	50 b	1,800 c	2,800 c			

FY 2021-2024 TRANSPORTATION IMPROVEMENT PROGRAM

Scheduled for adoption by the National Capital Region Transportation Planning Board on
March 18, 2020

Title: Bridge Replacement - Oxon Hill Road

TIP ID:	5807	Description:	Projected completion:	2026
Agency ID:		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.		
Facility:	Bridge Replacement - Oxon Hill Road			
From:				
To:	Over Henson Creek			

All amounts shown in \$1,000s Total Cost: **\$5,500**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		

Title: Sunnyside Avenue Bridge Replacement

TIP ID:	5808	Description:	Projected completion:	2020
Agency ID:		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.		
Facility:	Bridge Replacment -- Sunnyside Avenue			
From:	Over Indian Creek			
To:				

All amounts shown in \$1,000s Total Cost: **\$13,187**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
HBRRP	80/0/20	340 a	8,185 c					
		3,802 c						
		860 e						

Title: Bridge Replacement – Commo Road

TIP ID:	5996	Description:	Projected completion:	
Agency ID:		This project replaces the superstructure of the existing bridge, Bridge No. P0580, over Piscataway Creek and constructs scour counter-measures within the creek channel to protect the bridge substructure. In addition, the approach roadways will be reconstructed. Funding for the replacement superstructure is anticipated to be 80% Federal Aid and 20% County funds. The existing 59 foot long, 20 foot wide, single span steel stringer bridge was originally constructed in 1935 and reconstructed in 1972. No improvements to the bridge have occurred since that time, and it is deteriorating. The bridge is not load posted.		
Facility:	Commo Road Bridge			
From:				
To:				

All amounts shown in \$1,000s Total Cost: **\$2,693**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
HBRRP	80/0/20	400 a						
		44 b						
		2,249 c						

AGENCY: Prince George's County

FY 2021-2024 TRANSPORTATION IMPROVEMENT PROGRAM

Scheduled for adoption by the National Capital Region Transportation Planning Board on
March 18, 2020

Title: Bridge Replacement - Temple Hill Road

TIP ID:	6013	Description:	Projected completion:	2021
Agency ID:		This project replaces the existing structure, Bridge No. P1505 over Pea Hill Branch with a larger, wider and higher structure. The replacement bridge will be 36 feet wide to improve vehicular safety and to accommodate pedestrians and bicycle usage. The roadway approaches will be improved on both sides of the bridge, from Salima Street to 1500 feet north for night time visibility and eliminate the sag vertical curve in the vicinity. Roadway lighting will be included. The existing 16 foot long 22 foot wide street beam, concrete deck structure carries Temple Hill Road over Pea hill Branch. The narrow width of the structure has resulted in frequent vehicular collisions with the traffic barrier, causing significant damage to the superstructure. The existing structure is in poor condition and needs to be replaced.		
Facility:	Temple Hill Road Bridge			
From:				
To:	Over Pea Hill branch			

All amounts shown in \$1,000s Total Cost: **\$5,745**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
Local	0/0/100	308 a	75 a	50 a			50	50
		36 b	4,812 c					
		9 c	200 e					

Title: County Revitalization & Restoration 2

TIP ID:	6023	Description:	Projected completion:	2020
Agency ID:		This project provides for infrastructure improvements and reconstruction in areas targeted for revitalization. Funding is provided for street improvements along major and minor roadways and at key intersections to improve their function, safety and appearance while also improving access and addressing environmental issues. Improvements will include the installation of traffic signals, intersections modifications, drainage structures, street lighting, landscaping, water quality and quantity measures, bicycle lanes, sidewalks, and other amenities necessary to improve or expand roadway infrastructure while enhancing the appearance of the community. This project will accommodate critical improvements associated with the County's revitalization and economic development efforts. In particular, the area inside the beltway between MD 214 and Southern Avenue is a priority.		
Facility:	Various locations County-wide			
From:				
To:	Various locations County-wide			

All amounts shown in \$1,000s Total Cost: **\$5,300**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
Local	0/0/100	700 a	100 a					
		3,900 c	600 c					

FY 2021-2024 TRANSPORTATION IMPROVEMENT PROGRAM

Scheduled for adoption by the National Capital Region Transportation Planning Board on
March 18, 2020

Title: Montgomery Road Improvements

TIP ID:	6025	Description:	Projected completion:	2015
Agency ID:		This project consists of rehabilitating the existing roadway from Powder Mill Road to Us 1. The project may include concrete curbs, gutters, sidewalks and amenities. In addition, Selman Road will be resurfaced along the roadway between the bridge over Little Paint Branch and Montgomery Road. This improvement is needed to enhance safety and address the deteriorated road conditions.		
Facility:	Mongomery Road Improvments			
From:	Powder Mill Road			
To:	US 1			

All amounts shown in \$1,000s Total Cost: **\$1,564**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
Local	0/0/100	11 a							
		43 b							
		1,510 c							

Title: School Access Project

TIP ID:	6026	🚲	Description:	Projected completion:	2022
Agency ID:			This project provides funding for vehicular and pedestrian access improvements, in conjunction with the construction of new schools or renovations and additions to existing school buildings. This project provides sidewalks, crosswalks and other enhancements for students walking within 1 to 1.5 miles of their respective schools in accordance with the current Prince George's County Board of Education policy. In addition, Federal funding through the State of Maryland is for the Safe Routes to School (SRTS) program), to engage and encourage children to safely walk or bike to school including children with disabilities within two miles of school (K-8)		
Facility:	Various locations County-wide				
From:					
To:					

All amounts shown in \$1,000s Total Cost: **\$6,184**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
Local	0/0/100	201 a	100 c	100 c	100 c			200	200
		222 b							
		4,940 c							
		521 e							
TAP	70/0/30	1,400 c							

FY 2021-2024 TRANSPORTATION IMPROVEMENT PROGRAM

Scheduled for adoption by the National Capital Region Transportation Planning Board on
March 18, 2020

Title: Addison Road I

TIP ID: 6367 **Description:** **Projected completion:** 2026

Agency ID: The project consists of reconstructing Addison Road from Walker Mill Road to MD 214. Initially four travel lanes with a median will be constructed. Improvements will include roadway widening, the construction of crosswalks, sidewalks, landscaping, street lighting and a roadway median to improve the safety, function, capacity and appearance of the roadway. .

Facility: Addison road

From: Walker Mill Road

To: MD 214 (Central Avenue)

All amounts shown in \$1,000s **Total Cost:** **\$10,687**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
Local	0/0/100		200 a	100 a	250 a	250 a	250 a	4,850	6,150
			300 b		4,000 c				

Title: Cherry Hill Road III

TIP ID: 6369 **Description:** **Projected completion:** 2021

Agency ID:

Facility: Cherry Hill Road

From: Selman Road

To: US 1

All amounts shown in \$1,000s **Total Cost:** **\$1,200**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
Local	0/0/100	700 a	500 a						

Title: Transit Oriented Development Infrastructure

TIP ID: 6381 **Description:** **Projected completion:** 2024

Agency ID: This project provides funding for roadway improvements in proximity to the County's Metro Stations. Street, bridge and intersection improvements are included to increase the capacity of the roadway network and to facilitate and improve safety of all modes of transportation.

Facility:

From:

To:

All amounts shown in \$1,000s **Total Cost:** **\$1,900**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
Local	0/0/100						441 c	441	441

FY 2021-2024 TRANSPORTATION IMPROVEMENT PROGRAM

Scheduled for adoption by the National Capital Region Transportation Planning Board on
March 18, 2020

Title: Standard Details/Drawings for Low-Cost Bridge/Culvert Structures

TIP ID:	6442	Description:	Projected completion:	2016
Agency ID:		The purpose of this project is to facilitate the award of a Federal grant from the State Transportation Innovation Council Incentive Program to advance the EDC2 initiative of Accelerated Bridge Construction. This program is to help make innovations standard practice in each state. This will support the development of standard drawing and specifications for low-cost bridge/culvert structures. Prince George's County is planning to develop an innovative standard for engineering details and specifications for County-owned bridges. This will involve the development of standard drawings designed to accelerate completion of final design plans and therefore reduce overall cost of bridge projects. Prince George's County has indicated that any standard developed will be shared with other local public agencies so that they may utilize the drawings and specifications within the respective jurisdictions.		
Facility:	Countywide			
From:				
To:				

All amounts shown in \$1,000s

Total Cost: \$100

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
HBRRP	80/0/20	100 d						

Title: Governor's Bridge Road Bridge Reconstruction

TIP ID:	6509	Description:	Projected completion:	2020
Agency ID:		Governor's Bridge Road Bridge Reconstructi		
Facility:	Governor's Bridge Road Bridge Reconstructi			
From:	west of Patuxent River			
To:	east of Patuxant river			

All amounts shown in \$1,000s

Total Cost: \$4,210

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
HBRRP	80/0/20	800 a						
		50 b						
		3,000 c						
Local	0/0/100	360 e						

FY 2021-2024 TRANSPORTATION IMPROVEMENT PROGRAM

Scheduled for adoption by the National Capital Region Transportation Planning Board on
March 18, 2020

Title: Harry S. Truman Drive - replacement of bridge P-0581

TIP ID:	6668	Description:	Projected completion:	2022
Agency ID:		The existing bridge no. P-0581 is a two span, simply supported, prestressed concrete voided slab bridge and an asphalt wearing surface that carries Harry S. Truman Drive over the Southwest Branch (Western Branch of the Patuxent River). The existing bridge is structurally deficient. The project involves the complete superstructure and partial substructure replacement of the bridge. This bridge project will, at the least, necessitate the partial closure of Harry S. Truman Drive a 4-lane divided collector roadway in Largo, Maryland.		
Facility:	Harry S Truman Dr. Bridge (P-0581) over So			
From:	Mt. Lubentia Way			
To:	New Orchard Drive			

All amounts shown in \$1,000s Total Cost: **\$5,400**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
HBRRP	80/20/0			3,350 c	1,500 c			4,850	4,850
Local	0/0/100	350 a	200 a						

Title: Molly Berry Road Bridge

TIP ID:	6684	Description:	Projected completion:	2021
Agency ID:		Using federal aid, this project will replace the existing concrete box beam bridge, which is structurally deficient. Prince George's County developed design standards for the NEXT beam (an innovative pre-fabricated concrete beam) under a previously awarded FHWA grant. This project will be designed using these standards and other innovations such as ultra-high performance concrete. Design is underway and at the 30% stage. DPW&T is applying for a \$1,000,000 FHWA grant to cover the construction costs of this project. DPW&T will be the first public agency in the state of Maryland to use the NEXT beam. A total of \$1,900,000 is programmed for construction in FY'21.		
Facility:	Molly Berry Road			
From:				
To:				

All amounts shown in \$1,000s Total Cost: **\$1,900**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
HBRRP	80/0/20			1,900 c				1,900	1,900

Title: Bowie Road Culvert

TIP ID:	6685	Description:	Projected completion:	2021
Agency ID:		Rehabilitate existing box culvert which carries Bowie Road below an existing CSX railroad bridge. Initial design analysis resulted in a simplified rehabilitation that will realize significant savings in construction. Design was initiated in FY 2017		
Facility:	Bowie Road under CSX bridge			
From:				
To:				

All amounts shown in \$1,000s Total Cost: **\$1,000**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
HBRRP	80/0/20		100 c	900 c				900	900

AGENCY: Prince George's County

FY 2021-2024 TRANSPORTATION IMPROVEMENT PROGRAM

Scheduled for adoption by the National Capital Region Transportation Planning Board on
March 18, 2020

Title: Chestnut Avenue bridge Repair

TIP ID:	6703	Description:	Projected completion:	2022
Agency ID:		The project replaces the Chestnut Avenue bridge over Newstop Branch and reconstructs and improves the approach roadways. The replacement branch will be longer, wider and higher than the existing structure.		
Facility:	over newstop branch			
From:				
To:				

All amounts shown in \$1,000s

Total Cost:

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT FY 2021	FY 2022	FY 2023	FY 2023	TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL

FY 2021-2024 TRANSPORTATION IMPROVEMENT PROGRAM

Scheduled for adoption by the National Capital Region Transportation Planning Board on
March 18, 2020

Agency: Virginia Department of Transportation

Title: PRTC - Bus Acquisition / Replacement Program

TIP ID: 4506 **Agency ID:** PRTC0005

Description: Replacement of sixteen commuter buses manufactured in 2002 that have reached the end of their useful life.

All amounts shown in \$1,000s

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
CMAQ	29/67/4	18,303 c							850
Sect. 5309	80/16/4	572 a							
Sect. 5339 (a)	80/0/20	2,050 c	850 c	850 c				850	
Sect. 5339 (c)	100/0/0	3,600 c							

Title: Rolling Stock Acquisition

TIP ID: 4534 **Agency ID:** 111654

Description: This project includes funding for procurement additional rolling stock to support fleet expansion and fleet replacement, including 29 coaches under the current contract with Sumitomo.

All amounts shown in \$1,000s

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
Sect. 5307	80/16/4	5,841 c	1,947 c						34,294
Sect. 5337-S	80/16/4	13,971 c	4,657 c						
STBG	80/20/0			10,677 c	15,855 c	7,762 c		34,294	

Title: Construction: Bridge Rehabilitation/Replacement/Reconstruction

TIP ID: 5503 **Agency ID:** TIPGRP001

Description: TIP Grouping project for Construction: Bridge Rehabilitation/Replacement/Reconstruction. See CLRP for the derivation of STIP Grouping and how they are part of the TIP. Individual projects within STIP Group are shown on Appendix A.

All amounts shown in \$1,000s

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
AC Conversio	80/20/0				5,200 c			5,200	15,193
HBRRP	80/20/0			2,537 c				2,537	
NHPP	80/20/0			3,798 c		1,881 c		5,679	
RSTP	80/20/0			250 a	1,000 c	31 b		1,777	
						496 c			

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Scheduled for adoption by the National Capital Region Transportation Planning Board on
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Title: TIP Grouping project for Construction: Safety/ITS/Operational Improvements

TIP ID: 5506 Agency ID: TIPGRP003

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

All amounts shown in \$1,000s

SOURCE CODE	Federal/State/Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
AC	80/20/0			23,073 a	1,600 a		31,790	274,871
AC 1	82/18/0			653 b	362 b	2,396 b	3,411	
AC 2	86/14/0						1,867 c	
AC 3	100/0/0			37,636 c	10,566 c	21,490 c	76,098	
AC Conversio	80/20/0			171 a	4,527 a	4,093 a	1,511 a	
				126 b	1,752 b	148 b	2,211 b	
					9,383 c	9,526 c	923 c	
CMAQ	80/20/0			5,398 a	460 a	145 c	3,155 a	
				2,584 c	1,771 c		600 c	
DEMO	80/20/0			825 b	1,546 c			
				707 c				
HIP	67/33/0				3 b		3	
HIP 2	80/20/0					3,626 c	3,626	
HSIP	90/10/0			111 a	161 a	78 a	1,665 c	
				1,638 c	544 b	9,267 c		
NHPP	80/20/0			1,241 c	313 b	4,165 a	9,770 c	
						2,355 c		
RSTP	80/20/0			1 a	18 b	63 a	1,340 c	
				3,124 c	3,052 c	708 c		
RTP	80/20/0					13 b	620 c	
STBG 9	80/20/0			1,250 a	2,256 c	601 a	12,180 c	
				3,083 b		1,380 b		
				5,232 c		39,490 c		
TAP	80/20/0				40 b	156 c	599 c	

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Scheduled for adoption by the National Capital Region Transportation Planning Board on
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Title: TIP Grouping project for Construction: Transportation Enhancement Byway Non-Traditional

TIP ID: 5523 Agency ID: TIPGRP004

Description: TIP Grouping project for Construction: Transportation Enhancement Byway Non-Traditional. See CLRP for the derivation of STIP Grouping and how they are part of the TIP. See Appendix A to see individual projects within this STIP Group.

All amounts shown in \$1,000s

SOURCE CODE	Federal/State/Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL	
				FY 2021	FY 2022	FY 2023			
AC	80/20/0			425 a 106 b 1,756 c	1,490 c		73 a 4,340 c	8,190	58,662
AC 1	100/0/0			1,064 c		10,883 c		11,947	
AC Conversio	80/20/0			203 c	300 c	378 c		881	
CMAQ	80/20/0			2,243 b 432 c	1,140 c	3 a 1,100 b 1,974 c	3,278 c	10,170	
DEMO	80/20/0				55 b 111 c			166	
NHPP	80/20/0			295 b 255 c	2,172 c		996 c	3,718	
RSTP	80/20/0			200 a 101 b 414 c	125 b	188 a 438 b 1,909 c	302 a 7,527 c	11,204	
RTP	80/20/0			188 b 1,734 c	256 b 713 c	504 c	1,198 c	4,593	
STBG 9	80/20/0			1,875 b 375 c			2,326 c	4,576	
TAP	80/20/0			190 b 1,519 c	1,120 c	388 c		3,217	

Title: TIP Grouping project for Preventive Maintenance and System Preservation

TIP ID: 5524 Agency ID: TIPGRP005

Description: This listing covers a number of projects/programs throughout Northern Virginia District. The nature/scope of these projects are Preventive Maintenance and System Preservation. These projects have been determined to be exempt from conformity requirements and are eligible for a Categorical Exclusion (CE) under NEPA and hence may be grouped as per April 9, 2008 MOA between FHWA, FTA, VDOT & VDRPT which was subsequently adopted by the NCR-TPB. Individual projects within the STIP Group are found in Appendix A.

All amounts shown in \$1,000s

SOURCE CODE	Federal/State/Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL	
				FY 2021	FY 2022	FY 2023			
NHPP	100/0/0		8,194 c	8,194 c	8,194 c	8,194 c	16,947 c	41,529	75,572
STBG 9	100/0/0	35,374 c	3,550 c	13,407 c	12,689 c	7,947 c		34,043	

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Scheduled for adoption by the National Capital Region Transportation Planning Board on
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Title: TIP Grouping for Preventive Maintenance for Bridges

TIP ID: 5525 Agency ID: TIPGRP006

Description: TIP Grouping for Preventive Maintenance for Bridges.

All amounts shown in \$1,000s

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
NHPP	100/0/0		1,000 c	1,000 c	1,000 c	1,000 c	1,000 c	4,000	27,003
STBG 9	100/0/0	5,953 c	4,530 c	3,462 c	3,981 c	7,080 c	8,480 c	23,003	

Title: TIP Grouping project for Maintenance: Traffic and Safety Operations

TIP ID: 5526 Agency ID: TIPGRP007

Description: TIP Grouping project for Maintenance: Traffic and Safety Operations. See CLRP for the derivation of STIP Grouping and how they are part of TIP. Individual projects within the STIP Group are found in Appendix A.

All amounts shown in \$1,000s

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
STBG 9	100/0/0	7,910 c	16,265 c	13,996 c	9,580 c	9,332 c	7,077 c	39,985	39,985

Title: PRTC - Preventive Maintenance

TIP ID: 5601 Agency ID: PRTC0004

Description: Maintenance of the Omniride and Omnalink fleet.

All amounts shown in \$1,000s

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
Sect. 5307	80/0/20	20,761 c	4,150 c	4,150 c				4,150	4,920
Sect. 5337-S	80/0/20	6,970 c	770 c	770 c				770	
STBG	80/16/4	938 c							

Title: PRTC Security Enhancements

TIP ID: 5707 Agency ID: PRTC0006

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.

All amounts shown in \$1,000s

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
Sect. 5307	80/16/4	79 c	17 c	18 c				18	18

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Scheduled for adoption by the National Capital Region Transportation Planning Board on
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Title: Virginia Statewide Vehicle Fuel Conversion Program

TIP ID: Agency ID:

Description: The project is for implementing the Statewide Vehicle Fuel Conversion Program.

All amounts shown in \$1,000s

SOURCE CODE	Federal/State/Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
AC	80/20/0	37,834 c						2,754
AC Conversio	80/20/0	1,227 c						
CMAQ	80/20/0	6,934 c	1,000 c	2,754 c			2,754	

Title: Amenities

TIP ID: Agency ID:

Description:

All amounts shown in \$1,000s

SOURCE CODE	Federal/State/Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
AC	80/20/0			1,275 a			1,275	9,038
AC Conversio	80/20/0			454 a	1,000 a	650 c	4,537	
					640 c		946 c	
CMAQ	80/20/0			500 a	1,875 a		2,500	
RSTP	80/20/0			100 a			726	
				620 c				

Title: Transit Ridesharing

TIP ID: Agency ID:

Description:

All amounts shown in \$1,000s

SOURCE CODE	Federal/State/Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
AC	80/20/0			209 c			209	19,838
AC Conversio	80/20/0			6,527 a	5,850 a	6,250 a	19,594	
					40 c	40 c	40 c	
CMAQ	80/20/0			35 c			35	

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Scheduled for adoption by the National Capital Region Transportation Planning Board on
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Title: Transit : Vehicles

TIP ID: 6331 Agency ID:

Description:

All amounts shown in \$1,000s

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
AC	80/20/0						13,473 c	13,473	29,415
AC Conversio	80/20/0			5,406 c	5,536 c	3,500 c		14,442	
CMAQ	80/20/0						1,500 c	1,500	

Title: Transit : Access

TIP ID: 6333 Agency ID:

Description:

All amounts shown in \$1,000s

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
AC	80/20/20					4,750 c		4,750	23,273
AC Conversio	80/20/0						1,000 c	1,000	
CMAQ	80/20/0					1,250 a 250 c	10,418 a	11,918	
NHPP	80/20/0						5,605 a	5,605	

Title: Project Grouping: Constuction : Federal Lands Highway

TIP ID: 6441 Agency ID:

Description: Grouping for federally funded transportation improvements on federal lands.
 TIP AMD to add Federal Lands grouping - add \$163,363 (PB - FLAP) FFY15 CN phase (lco 05/27/15)

All amounts shown in \$1,000s

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
AC	100/0/0	921 a 1,428 c	4,428 a						16,880
FLAP	80/20/0	2,198 a 2,579 c			16,880 c			16,880	

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Scheduled for adoption by the National Capital Region Transportation Planning Board on
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Title: Project Grouping: Construction: Recreational Trails

TIP ID: 6485 Agency ID:

Description: Project Grouping for construction of recreational trails that do not impact the Air Quality Conformity Analysis.

All amounts shown in \$1,000s

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
AC	80/20/0	736 c		5,349 c			5,349	7,813
RSTP	80/20/0	2,188 b		2,464 c			2,464	
		2,830 c						

Title: Transit Store Funding - Alexandria

TIP ID: 6626 Agency ID: T21453

Description: Monitoring Fund

All amounts shown in \$1,000s

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
CMAQ	80/20/0			600 e			1,200	1,200

Title: COMMUTER ASSISTANCE PROGRAM

TIP ID: 6627 Agency ID: T21240

Description:

All amounts shown in \$1,000s

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
CMAQ	80/20/0	1,415 e	3,922 e	4,131 e	4,484 e	4,811 e	408 e	14,863
RSTP	80/20/0	7,040 e	3,208 e	1,029 e			1,029	

Title: FAIRFAX COUNTYWIDE TRANSIT STORES

TIP ID: 6628 Agency ID: T21448

Description:

All amounts shown in \$1,000s

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
CMAQ	80/20/0	600 e	600 e	620 e	640 e	650 e	650 e	2,560

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Scheduled for adoption by the National Capital Region Transportation Planning Board on
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Title: PRTC COMMUTER ASSISTANCE PROGRAM

TIP ID: 6629 Agency ID: T21457

Description:

All amounts shown in \$1,000s

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
CMAQ	80/20/0	300 e	350 e	350 e	350 e	350 e	350 e	1,400	1,400

Title: BUS REPLACEMENT (OMNIRIDE EXPRESS COMMUTER BUSES)

TIP ID: 6630 Agency ID: T21459

Description:

All amounts shown in \$1,000s

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
CMAQ	80/20/0						1,500 e	1,500	1,500

Title: WMATA REPLACEMENT BUSES

TIP ID: 6631 Agency ID: T21031, T21033

Description:

All amounts shown in \$1,000s

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
CMAQ	80/20/0						3,700 e	3,700	3,700

Title: CLEAN AIR PARTNERS - FY22 TO FY24

TIP ID: 6700 Agency ID: T21450

Description: VDOT funds this public education prog.annually;CMAQ Funds used;COG implements. Continuation of UPC 52725 for FY22 -FY24 three years.

All amounts shown in \$1,000s

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
AC	80/20/0			240 a				240	927
AC Conversio	80/20/0				240 a			240	
CMAQ	80/20/0			447 a				447	

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Scheduled for adoption by the National Capital Region Transportation Planning Board on
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Agency: Virginia Department of Transportation

Title: VRE Storage Yards Improvements

TIP ID:	4070	Description:	Projected completion:	2045
Agency ID:	VRE0007	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.		
Facility:				
From:	Systemwide			
To:				

All amounts shown in \$1,000s

Total Cost: \$85,412

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
Sect. 5307	62/34/4	35,469 c							
Sect. 5309	62/34/4	262 c							
Sect. 5337-S	62/34/4	15,831 a							
		56,038 c							

Title: I-66 Vienna Metrorail Accessibility and Capacity Improvements

TIP ID:	4152	Description:	Projected completion:	2016
Agency ID:	81009	Construction of a transit access ramp from I-66 to the Vaden Drive bridge, adjacent to the Vienna Metrorail Station. The proposed ramps would access Vaden Drive from the center of I-66 providing for bus access from the HOV/leftmost lane east bound and to the HOV/leftmost lane west bound. The ramps would be operational 24/7.		
Facility:	I			
From:	Transit Ramps- from EB & to WB			
To:	@ Vaden Drive			

All amounts shown in \$1,000s

Total Cost: \$3,207

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
AC	100/0/0	14,747 c							
CMAQ	80/20/0	29,033 c							
RSTP	80/20/0	1,500 b							
		40,723 c							
STBG	80/20/0	583 c							

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Title: Loudoun County Park-and-Ride Lot (Lowes Island)

TIP ID:	4216	Description:	Projected completion:
Agency ID:	79679	Lease commuter parking spaces at Great Falls Plaza This lot is served by the County's Commuter Bus Service. This project will enable funding for several years while a permanent, non-leased site is located.	
Facility:	Park and Ride Lot		
From:	Lowes Island		
To:			

All amounts shown in \$1,000s Total Cost: **\$425**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
AC	80/20/0	179 c						
AC Conversio	80/20/0	130 c						
CMAQ	80/20/0	117 c						

Title: Dulles Corridor Metrorail Project - Phase 2

TIP ID:	4272	Description:	Projected completion:
Agency ID:	DUL0002	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.	
Facility:			
From:	Wiehle Avenue		
To:	VA		

All amounts shown in \$1,000s Total Cost: #####

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
Local	0/0/100	894,003 c						
State	0/100/0	300,000 c						
TIFIA	0/0/100	1,875,697 c						

Title: Security Enhancements Systemwide

TIP ID:	4277	Description:	Projected completion:
Agency ID:	VRE0003	Grantees must certify that at least 1% of 5307 funding received each fiscal year is being used for transit security projects.	
Facility:			
From:	Systemwide		
To:			

All amounts shown in \$1,000s Total Cost: **\$6,180**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
Sect. 5307	80/16/4	1,122 c	105 c					
Sect. 5337-S	80/16/4	676 c						

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Scheduled for adoption by the National Capital Region Transportation Planning Board on
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Title: Westbound ACCEL/DECEL LN Westmoreland to Haycock Rd

TIP ID:	4303	Description:	Projected completion:
Agency ID:	78828	Construct Spot Improvement Phase II within cited limits.	
Facility:	I		
From:	Westmoreland Dr. / Washington Blvd Exit		
To:	Haycock Rd /Dulles Access Highway Ramp R		

All amounts shown in \$1,000s

Total Cost: \$15,424

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
AC	80/20/0	294 a						
		3,166 c						
Earmark	80/20/0	2,142 a						
		15,720 c						
NHPP	80/20/0	11,191 c						

Title: VRE Stations and Facilities

TIP ID:	4310	Description:	Projected completion:
Agency ID:	VRE0011	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 throughout the VRE system. Includes upgrades at Washington Union Terminal.	
Facility:	VRE Stations and Facilities		
From:	Systemwide		
To:			

All amounts shown in \$1,000s

Total Cost: \$650,002

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
Sect. 5307	80/20/0	957 c						
Sect. 5309	80/20/0	500 c						
Sect. 5337-S	80/16/4	16,451 c	946 c					
Sect. 5337-S	62/34/4	10,000 c	5,000 c					

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Title: VA 27 - Interchange Modifications

TIP ID:	4344	Description:	Projected completion:
Agency ID:	13528	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.	
Facility:	VA Washington Blvd Interchange		
From:	I North of 0.31 mile		
To:	VA North of 0.29 mile		

All amounts shown in \$1,000s

Total Cost: **\$43,244**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
AC	100/0/0	1,122 a						
		1,439 c						
AC 1	80/20/0	997 c						
AC Conversio	80/20/0	2,760 a						
		1,615 b						
EB/MG	80/20/0	164 c						
HBRRP	80/20/0	1,508 a						
		747 c						
STBG	80/20/0	331 a						

Title: Dulles Corridor Metrorail Project - Phase 1

TIP ID:	4364	Description:	Projected completion:
Agency ID:	DUL0001 VP2L	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.	2014
Facility:			
From:	East Falls Church Metrorail Station		
To:	Wiehle Avenue		

All amounts shown in \$1,000s

Total Cost: **#####**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
ARRA/5309-B	100/0/0	77,260 c						
Local	0/0/100	1,753,994 c						
Sect. 5307 1	100/0/0	75,000 c						
Sect. 5309-N	100/0/0	822,740 c						
State	0/100/0	176,700 c						

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Scheduled for adoption by the National Capital Region Transportation Planning Board on
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Title: Fare Collection System/Comm. Improvements

TIP ID:	4802	Description:	Projected completion:	2045
Agency ID:	VRE0002	Ongoing maintenance of the fare collection equipment and the next generation of fare equipment.		
Facility:				
From:	Systemwide			
To:				

All amounts shown in \$1,000s Total Cost: **\$18,728**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
RSTP	80/20/0			100 a	1,000 a			1,100	1,100
Sect. 5307	80/16/4	1,200 c							

Title: Rolling Stock Modifications and Overhauls

TIP ID:	4818	Description:	Projected completion:	2045
Agency ID:	VRE0001	Technological developments and safety mandates from the Federal Railroad Administration (FRA), may require ongoing improvements to the VRE fleet as well as other ongoing improvements consistent with BRE;s rolling stock asset management program. Projects that bring VRE into compliance with future federal mandates will be given the highest funding priority. Implementing PTC as required by FRA.		
Facility:	VRE Rolling Stock			
From:	Systemwide			
To:				

All amounts shown in \$1,000s Total Cost: **\$48,207**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
Sect. 5307	80/16/4	3,388 c							
Sect. 5309	80/16/4	2,283 c							
Sect. 5337-S	80/16/4	25,659 c							

Title: PRTC Bus Shelter Program

TIP ID:	5304	Description:	Projected completion:	
Agency ID:	PRTC0001	Installation of bus shelters, pads, benches and access improvements.		
Facility:	Bus Shelters			
From:	Prince William, Manassas, Manassas Park			
To:				

All amounts shown in \$1,000s Total Cost: **\$846**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
Sect. 5307	80/20/0	118 a							

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Scheduled for adoption by the National Capital Region Transportation Planning Board on
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Title: Edwards Ferry at Rt 15 Bypass Interchange

TIP ID:	5479	Description:	Projected completion:
Agency ID:	89890	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.	
Facility:	Rt 15 Bypass		
From:			
To:	Edwards Ferry Road		

All amounts shown in \$1,000s Total Cost: **\$2,000**

SOURCE CODE	Federal/State/Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
Local	0/0/100	3,500 a						
NVTA-BOND	0/100/0	2,000 a						

Title: PRTC - Rehabilitate / Rebuild OmniRide Buses

TIP ID:	5540	Description:	Projected completion:
Agency ID:	PRTC0003	Overhaul OmniRide buses in order to meet bus useful life in a state of good repair.	2019
Facility:	OmniRide Buses		
From:	Prince William County		
To:			

All amounts shown in \$1,000s Total Cost: **\$10,854**

SOURCE CODE	Federal/State/Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
Sect. 5309-B	32/64/4	10,854 c						
Sect. 5309-B	80/20/0	10,854 c						

Title: NoVA GEC Mega Project Administration

TIP ID:	5541	Description:	Projected completion:
Agency ID:	86527	Provide Project Administration for NoVA Mega Projects. This is a breakout of UPC 87396.	
Facility:			
From:			
To:			

All amounts shown in \$1,000s Total Cost: **\$63,939**

SOURCE CODE	Federal/State/Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
AC	90/10/0	10,200 c						
NHPP	80/20/0	4,390 a						
State	0/100/0	1,564 c						

AGENCY: VDOT

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Scheduled for adoption by the National Capital Region Transportation Planning Board on
March 18, 2020

Title: VA 28 - Widen to 4 lanes

TIP ID:	5700	Description:	Projected completion:	2020
Agency ID:		Widen to four lanes within six lane R/W/ from Liknton Hall Rd. to Vint Hill Road and widen to four lanes within four lane R/W/ between VInt Hill Road and Fitzwater Dr. Covers part of VP6k		
Facility:	VA Nokesville Road			
From:	VA VA 215 (Vint Hill Road) Relocated			
To:	VA Fitzwater Drive			

All amounts shown in \$1,000s

Total Cost: \$1,650

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
AC	80/20/0	30,341 c						
RSTP	80/20/0	100 a						
		7,995 b						
		12,821 c						
STBG	80/20/0	275 a						

Title: BRAC -Economic Development

TIP ID:	5768	Description:	Projected completion:	
Agency ID:	81738 linked with 96257 and 99181	Program is to finance BRAC State Administration.		
Facility:				
From:				
To:				

All amounts shown in \$1,000s

Total Cost: \$1,245

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
AC	100/0/0	575 a						506
AC Conversio	90/10/0	1,499 a						
AC Conversio	100/0/0	1,522 a						
NHPP	100/0/0	1,590 a		506 a			506	

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Scheduled for adoption by the National Capital Region Transportation Planning Board on
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Title: Rte 7/ Rte 659 Interchange

TIP ID:	5926	Description:	Projected completion:
Agency ID:	99481	Construct interchange at Rte 7 and Rte 659 to alleviate congestion and reduce accidents at one of Loudoun County's most dangerous interchanges.	
Facility:	VA John Mosby Highway		
From:	Route 659 Belmont Ridge Road		
To:			

All amounts shown in \$1,000s

Total Cost: \$84,093

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
AC	100/0/0	13,305 b 171,095 c		50,967 c				50,967	50,967
AC Conversio	80/20/0	6,500 b							
STBG	100/0/0	495 b 7,621 c							
STBG	80/20/0	495 b 7,621 c							

Title: I-66 / Route 15 IINTERCHANGE RECONSTRUCTION

TIP ID:	5930	Description:	Projected completion:
Agency ID:	100566	FROM: 0.224 Miles West of Rte. 15 TO: 0.371 Miles East of Rte. 15 (0.8380)	
Facility:	i-66		
From:	Rte. I-66/Rte 15 Interchange		
To:			

All amounts shown in \$1,000s

Total Cost: \$54,938

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
AC	100/0/0	6,845 b 45,383 c	1,614 b 324 c	265 b 31,810 c				32,075	40,860
AC Conversio	100/0/0	5,000 b 58,320 c			265 b 1,874 c	2,248 c	2,362 c	6,749	
IM	90/10/0	3,400 a							
NHPP	100/0/0	2,026 b		2,036 b				2,036	

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Scheduled for adoption by the National Capital Region Transportation Planning Board on
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Title: Boundary Chanel Drive Modifications

TIP ID:	5965	Description:	Projected completion:	2020
Agency ID:	104323	This project involves modifications to the intersection of Boundary Channel Drive and Old Jefferson Davis Highway immediately off of the I-395/Boundary Channel Drive Interchange. The project is part of the County's Long Bridge Park redevelopment initiative which includes the construction of a large regional aquatic Center.		
Facility:				
From:				
To:				

All amounts shown in \$1,000s

Total Cost: \$9,335

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
AC	0/100/0	5,537 c						
Local	0/0/100	8,000 c						
NVTA-PAYG	0/73/27	1,440 a 900 b						
NVTA-PAYG	80/20/0	6,995 c						
REVSH	0/50/50	1,440 a 900 b 1,458 c						

Title: Eisenhower Metrorail Station

TIP ID:	6028	Description:	Projected completion:	
Agency ID:	T1835/ALEX0004	This project will fund the rebuilding of the bus loop and plaza surrounding the Eisenhower Metrorail station to improve transit services and to be consistent with surrounding land uses.		
Facility:	Eisenhower Metrorail Station			
From:	Eisenhower Ave. and Swamp Fox Rd			
To:				

All amounts shown in \$1,000s

Total Cost: \$4,651

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
PRIV	0/0/0	350 c						
Sect. 5309	80/20/0	1,780 c						
Urban Flex	80/18/2	2,300 c						

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Scheduled for adoption by the National Capital Region Transportation Planning Board on
March 18, 2020

Title: Evaluation of Significant Projects that can ease Congestion

TIP ID:	6074	Description:	Projected completion:
Agency ID:	103910	Chapters 768 and 825 of the 2012 Acts of Assembly amended the Code of Virginia by adding §33.1-13, 03:1, which directs VDOT to work with the Commonwealth Transportation Board, the Department of Rail and Public Transportation, and the Northern Virginia Transportation Authority to evaluate and rate all significant transportation projects in and near the NOVA district. Each transportation project's evaluation and rating are to be based primarily on the project's expected impact on reducing congestion. To the extent possible, the evaluation and rating will also be based on the project's expected improvement in mobility during a homeland security emergency.	
Facility:	N/A		
From:			
To:			

All amounts shown in \$1,000s Total Cost: **\$4,500**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
AC	100/0/0	2,617 a						
IM	90/10/0	1,500 a						

Title: I-395 Construct 4th Southbound Lane

TIP ID:	6121	Description:	Projected completion:
Agency ID:	103316	The project will add a continuous south bound lane on I 395 between the above limits. The project is to relieve the recurring daily congestion and the associated safety concerns in this segment of the facility. As presently configured southbound I 395 has four though lanes upstream of the Duke Street interchange but three lanes past Duke Street. This project will extend the existing fourth lane through the Duke Street interchange all the way to the Edsall Rd. interchange. This additional lane is expected to provide for improved and safer traffic operations along this segment of SB I 395.	
Facility:	I Henry G. Shirley Memorial Highway southb		
From:	VA Duke Street north of		
To:	VA Edsall Road south of		

All amounts shown in \$1,000s Total Cost: **\$59,016**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
AC	100/0/0	1,075 a						
AC Conversio	100/0/0	40,000 c						
FASTLANE	100/0/0	17,500 c						
HSIP	90/10/0	1,075 a						

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Scheduled for adoption by the National Capital Region Transportation Planning Board on
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Title: Route 606 Loudoun County Parkway / Old Ox Rd.Reconstruction

TIP ID:	6202	Description:	Projected completion:
Agency ID:	97529	Reconstruct and widen Route 606 to a four lane divided roadway with a continuous shared-use path along its north side between Route 621 (Evergreen Mills Road) and Route 267 (Dulles Greenway). Other major elements include: reconstruction of Route 606 and Loudoun County Parkway intersection at Route 842, Arcola Road, and a bridge that carries Old OX Road over the Horsepen dam emergency spillway.	
Facility:	VA 606 Loudoun County Parkway		
From:	VA 621 Evergreen Mills Road		
To:	VA 267 Dulles Greenway		

All amounts shown in \$1,000s Total Cost: **\$76,400**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
AC	100/0/0	150 a 27,787 b 118,776 c							
AC	80/20/0	150 a 27,787 b 118,776 c							
AC Conversio	80/20/0	1,469 b	1,614 b						
HBRRP	100/0/0	750 a							
RSTP	80/20/0	2,404 a 6,026 b							

Title: Sycolin Road

TIP ID:	6203	Description:	Projected completion:
Agency ID:	102895	Widen Sycolin Road from two to four lanes between the above cited limits. This segment is part of a larger project included in the regional air quality conformity analysis (VU33: Widen Sycolin Rd. between VA 7/US 15 Bypass and Leesburg SCL).	
Facility:	Sycolin Road		
From:	Tolbert lane		
To:	Leesburg S Corporate Limits		

All amounts shown in \$1,000s Total Cost: **\$14,394**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
AC	100/0/0	4,062 c							
AC Conversio	80/20/0	1,916 c							
EB/MG	80/20/0	606 c							
REVSH	0/50/50	1,000 a 1,500 b 10,465 c							
RSTP	80/20/0	45 a 387 b 2,169 c							
State/Local	0/50/50	1,106 b 8,894 c							
STBG 9	80/20/0	878 c							

AGENCY: VDOT

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Scheduled for adoption by the National Capital Region Transportation Planning Board on
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Title: Widen US Route 1

TIP ID:	6204	Description:	Projected completion:
Agency ID:	90339	Widen US Route 1 from 4 to 6 lanes between the above cited limits. This segment is part of a larger project included in the regional air quality conformity analysis (VP1ad: Widen US 1 between Brady's Hill Rd. and Cardinal Drive) Parent UPC is 90339	
Facility:	US 1		
From:	Brady's Hill Road 0.1 miles south of		
To:	Dumfries Road 02. miles north of		

All amounts shown in \$1,000s Total Cost: **\$74,890**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
AC	100/0/0	8,020 a	36,609 b	6,655 a			6,655	7,026
EB/MG	80/20/0	182 a						
HBRRP	100/0/0			125 a			125	
NHPP	100/0/0	125 a						
RSTP	80/20/0	46 a	21 a	246 a			246	
STBG	80/20/0	365 a						

Title: VA Route 28 Study

TIP ID:	6205	Description:	Projected completion:
Agency ID:	105482	VDOT will evaluate a seven mile corridor along Route 28 from Sudley Road to I-66 to determine short and long term solutions to the transportation congestion and access issues in this area.	
Facility:	VA 28		
From:	VA 234 Sudley Road		
To:	I 66		

All amounts shown in \$1,000s Total Cost: **\$2,510**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
AC	100/0/0	9 a		9 a			9	9
EB/MG	80/20/0	1,143 a						
STBG	80/20/0	2,502 a						

Title: I-66 Spot Improvements 3

TIP ID:	6206	Description:	Projected completion:
Agency ID:	78827	New construction roadway	
Facility:	I 66 I 66 Spot Improvements 3		
From:	rt 120 .045 E. of Glebe Rd		
To:	US 29 .095 W. of Lee Highway		

All amounts shown in \$1,000s Total Cost: **\$25,037**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
AC	80/20/0	900 a 14,536 c						

AGENCY: VDOT

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Title: I-66 @ Route 28 Interchange Improvements

TIP ID:	6208	Description:	Projected completion:
Agency ID:	103317	The purpose of this project is to design segments of the interchange at Interstate 66 and Route 28 (Sully Road), remove four traffic signals on Route 28 to enhance safety, and improve capacity to accommodate the area's forecasted traffic demand. PE for entire project and estimate for PH1 of RW,CN.	
Facility:			
From:			
To:			

All amounts shown in \$1,000s Total Cost: **\$50,000**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
AC	100/0/0	1,990 a						
AC Conversio	100/0/0	13,000 b						
		25,000 c						

Title: I-95 Directional Off Ramp to NB Fairfax County Parkway

TIP ID:	6221	Description:	Projected completion:
Agency ID:	93033		
Facility:	I-95		
From:	FXCO Pkwy Exit 166 to		
To:	0.6 mi. W. of Exit 166		

All amounts shown in \$1,000s Total Cost: **\$5,207**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
AC	0/100/0	4,582 a						
DEMO	90/10/0	4,800 a						
NHPP	80/20/0	32 a						

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Scheduled for adoption by the National Capital Region Transportation Planning Board on
March 18, 2020

Title: Rolling Road

TIP ID:	6247	Description:	Projected completion:	2025
Agency ID:	5559	Widening to 4 lanes		
Facility:	VA 638 Rolling Road			
From:	VA 286 Fairfax Co. Pkwy (0.369 mi N. of Pkw			
To:	VA 644 Old Keene Mill Road			

All amounts shown in \$1,000s

Total Cost: **\$73,220**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
AC	80/20/0	3,142 b		204 b			204	65,972
AC 1	100/0/0					35,518 c	35,518	
AC Conversio	80/20/0		3,142 b					
EB/MG	80/20/0	204 b						
HBRRP	80/20/0					51 c	51	
REVSH	0/50/50	6,843 b				11,578 b 6,931 c	18,509	
RSTP	80/20/0	2,706 a 11,450 b			11,690 b		11,690	

Title: Rolling Road Widening

TIP ID:	6248	Description:	Projected completion:	
Agency ID:	102905	Widen to 4 lanes - total of 1.12 miles Between Delong Rd. and 0.01 mi N. of Fullerton Rd.		
Facility:	VA 638 Rolling Road			
From:	VA 5297 Delong Dr.			
To:	VA 4502 Fullerton Rd.			

All amounts shown in \$1,000s

Total Cost: **\$25,500**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
RSTP	80/20/0	3,500 a						

FY 2021-2024 TRANSPORTATION IMPROVEMENT PROGRAM

Scheduled for adoption by the National Capital Region Transportation Planning Board on
March 18, 2020

Title: I-95/395 Preliminary Engineering Studies

TIP ID:	6250	Description:	Projected completion:
Agency ID:	70849	PE Studies for I-95/395 HOT Lanes	
Facility:	I 95 I-95/395		
From:	I 95 Garrisonville Rd.		
To:	1 mi. N. of Edsall Rd.		

All amounts shown in \$1,000s

Total Cost: \$46,036

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
AC Conversio	100/0/0	10,141 a						
IM	90/10/0	9,380 a						
NHPP	100/0/0	16,193 a						
NHPP	80/20/0	16,193 a						

Title: Evergreen Mill Road Widening

TIP ID:	6256	Description:	Projected completion:
Agency ID:	104380	Widening Evergreen Mill Road to 4 Lanes	
Facility:	VA 621 Evergreen Mill Road		
From:	US S. King Street		
To:	City Corp. Limits		

All amounts shown in \$1,000s

Total Cost: \$11,300

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
State/Local	0/98/2	1,000 a						

Title: Widen US 15 Phase I

TIP ID:	6257	Description:	Projected completion:
Agency ID:	17687	Widen US 15 (Phase I)	
Facility:	US 15 S. King Street		
From:	Masons Lane		
To:	VA 621 Evergreen Mill Road		

All amounts shown in \$1,000s

Total Cost: \$8,568

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
AC	100/0/0	1,184 c						
RSTP	80/20/0	4 a						
		1,069 c						
STBG	80/20/0	1 c						

AGENCY: VDOT

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Scheduled for adoption by the National Capital Region Transportation Planning Board on
March 18, 2020

Title: I-95 HOV/HOT Lanes Project PPTA Develop and Mgt. Oversight

TIP ID:	6261	Description:	Projected completion:
Agency ID:	102711	102711	
Facility:	I 95		
From:			
To:			

All amounts shown in \$1,000s

Total Cost: \$80,081

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
AC Conversio	100/0/0	47,663 c						
NHPP	100/0/0	32,319 c						

Title: I-95 HOT Lanes early work

TIP ID:	6262	Description:	Projected completion:
Agency ID:	103019	I-95 HOT Lanes early work-federally eligible activities	
Facility:	I 95		
From:			
To:			

All amounts shown in \$1,000s

Total Cost: \$17,153

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
AC	100/0/0	17,152 a						

Title: I-95 HOT Lanes early work Non federally eligible

TIP ID:	6263	Description:	Projected completion:
Agency ID:	103020		
Facility:	I 95		
From:			
To:			

All amounts shown in \$1,000s

Total Cost: \$25,555

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
AC	100/0/0	25,555 a						

FY 2021-2024 TRANSPORTATION IMPROVEMENT PROGRAM

Scheduled for adoption by the National Capital Region Transportation Planning Board on
March 18, 2020

Title: Mark Center Mid Term Improvements

TIP ID:	6268	Description:	Projected completion:
Agency ID:	102900	ROW aquisition	
Facility:	I 395		
From:	Seminary Rd.		
To:	Seminary Rd.		

All amounts shown in \$1,000s Total Cost: **\$1,610**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT FY 2021	FY 2022	FY 2023	FY 2023	TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
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Title: HOT Lanes Bicycle/Pedestrian Facilities - Phase II

TIP ID:	6273	Description:	Projected completion:
Agency ID:	104005	HOT Lanes Bicycle/Pedestrian Facilities	
Facility:	I 495		
From:	Route 123 & Old Meadow Road		
To:	Tysons One Place & Fashion Boulevard		

All amounts shown in \$1,000s Total Cost: **\$12,235**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT FY 2021	FY 2022	FY 2023	FY 2023	TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
AC	100/0/0		3,413 c	4,853 c				4,853	8,453
CMAQ	80/20/0	137 a 2,068 b		2,068 c				2,068	
NHPP	100/0/0	1,003 b		1,532 c				1,532	
NHPP 1	80/20/0		806 c						

Title: HOT LANES PAVEMENT REHABILITATION AND OTHER CONSTRUCTION

TIP ID:	6275	Description:	Projected completion:
Agency ID:	84742	Pavement Rehabilitation	
Facility:	I 495		
From:	Fairfax County		
To:			

All amounts shown in \$1,000s Total Cost: **\$63,100**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT FY 2021	FY 2022	FY 2023	FY 2023	TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
IM	90/10/0	1,211 a							
NHPP	90/10/0	1,212 a 2,911 c							

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Scheduled for adoption by the National Capital Region Transportation Planning Board on
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Title: I-495 Hot Lanes Project

TIP ID: 6276 **Description:** **Projected completion:**

Agency ID: 87771 linked with 68805 Roadway improvements--High Occupancy/Toll lanes

Facility: I 495

From:

To:

All amounts shown in \$1,000s **Total Cost: #####**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
AC Conversio	100/0/0	1,328,629 a 230,756 b						
IM	90/10/0	4,897 b						
NHPP	100/0/0	8,902 b						

Title: GEC Design Services I495/DAAH Interchange Improvements

TIP ID: 6280 **Description:** **Projected completion:**

Agency ID: 94611 To improve access at the Dulles Airport Access Highway/Interstate 495 interchange

Facility: I 495

From: .1 mi. E. of Spring Hill Rd.

To: I-495

All amounts shown in \$1,000s **Total Cost: \$54,591**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
AC	100/0/0	49,203 c						
NHPP	80/20/0	6,571 a 700 b						

Title: Springfield CBD Commuter Parking Garage

TIP ID: 6281 **Description:** **Projected completion:**

Agency ID: 106274 Springfield CBD Commuter Parking Garage

Facility: 644 Old Keene Mill Road

From:

To:

All amounts shown in \$1,000s **Total Cost: \$63,810**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
AC	100/0/0	16,086 c		7,515 c			7,515	7,515
CMAQ	80/20/0	10,700 a 6,220 b 39,114 c						

AGENCY: VDOT

FY 2021-2024 TRANSPORTATION IMPROVEMENT PROGRAM

Scheduled for adoption by the National Capital Region Transportation Planning Board on
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Title: I-495 HOT Lanes Final Landscaping Phase I

TIP ID:	6286	Description:	Projected completion:
Agency ID:	103580 linked to 89486	Landscaping	
Facility:	I 95		
From:	Springfield Interchange		
To:	Old Dominion Drive		

All amounts shown in \$1,000s Total Cost: **\$61,397**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT	FY 2021	FY 2022	FY 2023	FY 2023	TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
NHPP	100/0/0	729	c							

Title: I-495 HOT Lanes Final Landscaping Phase II

TIP ID:	6287	Description:	Projected completion:
Agency ID:	103581	Landscaping	
Facility:			
From:			
To:			

All amounts shown in \$1,000s Total Cost: **\$2,613**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT	FY 2021	FY 2022	FY 2023	FY 2023	TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
NHPP	100/0/0	1,089	c							

Title: REPLACE AND WIDEN BRIDGE AND APPROACHES AT NEABSCO CREEK

TIP ID:	6291	🚲	Description:	Projected completion:
Agency ID:			Replace the existing bridge over Neabsco Creek with a six lane divided facility that includes pedestrian and bicycle facilities.	
Facility:				
From:				
To:				

All amounts shown in \$1,000s Total Cost: **\$37,824**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT	FY 2021	FY 2022	FY 2023	FY 2023	TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
AC Conversio	100/0/0	1,116	a							
		846	b							
		209	c							

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Scheduled for adoption by the National Capital Region Transportation Planning Board on
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Title: RT 7- Widened to Six Lanes PE Only

TIP ID:	6300	🚲	Description:	Projected completion:
Agency ID:	52328		PE only – widen RT 7 from Jarrett Valley Dr /RT 267 to Reston Ave. Increase capacity and safety by by widening to six lanes. Improve mobility by adding pedestrian and bicycle facilities.	
Facility:	RT 7 Leesburg Pike			
From:	Jarrett Valley Dr. (mm 51.4)			
To:	Reston Ave. (mm. 51.4)			

All amounts shown in \$1,000s

Total Cost: **\$12,000**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
AC	100/0/0	2,668 a						
AC Conversio	100/0/0	18,386 a						
RSTP	80/20/0	57 a						

Title: RT 28 Widen to Four Lanes Including RT 215 Re-alignment

TIP ID:	6302		Description:	Projected completion:
Agency ID:	92080		Widen to 6 lanes within 6 lane ROW from Linton Hall Rd to VInt Hill Rd. Widen to 4 lanes within 4 lane ROW between Vint Hill Rd. and Fitzwater Dr.	
Facility:	VA 28 Nokesville Rd.			
From:	Linton Hall Rd.			
To:	Fitzwater Dr.			

All amounts shown in \$1,000s

Total Cost: **\$43,846**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
RSTP	80/20/0	43,163 c						

Title: RT 29 Manassas National Battlefield Bypass - PE Only

TIP ID:	6304		Description:	Projected completion:
Agency ID:	103319		Construct new road (bypass). \$500,000 of PE is for mitigation easements.	
Facility:	US 29 Lee Highway			
From:	I 66			
To:	VA 621			

All amounts shown in \$1,000s

Total Cost: **\$4,000**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
AC	100/0/0	8,500 a						

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Scheduled for adoption by the National Capital Region Transportation Planning Board on
March 18, 2020

Title: Rail Construction

TIP ID:	6306	Description:	Projected completion:
Agency ID:		Grouped Rail Construction Projects	
Facility:			
From:			
To:			

All amounts shown in \$1,000s

Total Cost: \$14,422

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
AC	100/0/0	64 c						
STBG	90/10/0	1,147 c						

Title: Route 123/ Route 1 Interchange in PWC

TIP ID:	6309	Description:	Projected completion:
Agency ID:	14693	Construct new interchange To improve the flow of traffic, reduce accidents, and support traffic demand from the planned development in the area. Linked to UPC 100938.	
Facility:	VA 123 Gordon Blvd.		
From:	.50 miles south of existing Rte 123		
To:	.40 miles North of existing Rte 123		

All amounts shown in \$1,000s

Total Cost: \$98,170

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
AC	100/0/0	32,172 b						
DEMO	80/20/0	2,462 b						
RSTP	80/20/0	3,887 b						
STBG	80/20/0	2,987 a						

Title: US 1/RT 123 Interchange Construction Phase-I (Route 1 Widening ony)

TIP ID:	6310	Description:	Projected completion:
Agency ID:	94102	Wide Route 1 in association with the US-1/RT 123 Interchange project.. Purpose: improve the flow of traffic, reduce accidents, and support traffic demand from the planed development in the area.	
Facility:	US 1		
From:	0.50 miles South of existing Rte 123		
To:	0.40 miles North of existing Rte 123		

All amounts shown in \$1,000s

Total Cost: \$56,414

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
AC	100/0/0	76,749 c						1,484
NHPP	100/0/0	11,730 c	8,128 c	1,484 c			1,484	
RSTP	80/20/0	525 c						
STBG	100/0/0	3,883 c						

AGENCY: VDOT

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Scheduled for adoption by the National Capital Region Transportation Planning Board on
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Title: Colchester Road - RTE 612

TIP ID:	6316	Description:	Projected completion:
Agency ID:	76256	Reconstruct & Pave Gravel Road	
Facility:	VA 612 Colchster Road		
From:	VA 641 Chapel Road		
To:	VA 641 0.24 Mile N. W. Of VA 641		

All amounts shown in \$1,000s Total Cost: **\$445**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
AC	100/0/0	60 a				60 a	60	60

Title: VA 7100 Fairfax Co Pkwy at EPG Phase I & II Construction

TIP ID:	6317	Description:	Projected completion:
Agency ID:	88556	Phase 1 CN only - Construct 4 lanes on 6 lane RW from Chancelor Rd to Fullerton Rd and Interchange at EPG. Linked to UPC 4700.	
Facility:	VA 286 Fairfax Co. Pkwy		
From:	VA Chancelor Road		
To:	VA Fulerton Road		

All amounts shown in \$1,000s Total Cost: **\$75,112**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
AC	100/0/0	140,525 c						
NHPP	80/20/0	9,699 c						

Title: VRE Rippon Platforms

TIP ID:	6320	Description:	Projected completion:
Agency ID:	T10671	Project includes additional funding for environmental review, PE/final desing and construction to lengthen the existng platform at the VRE Rippon station from 400 feet to 650 feet and extend the canopy by 100 feet and design and construction of a second, 650 platform, canopy and elevator.	
Facility:	US 1		
From:	Farm Creek Drive		
To:	Rippon Blvd.		

All amounts shown in \$1,000s Total Cost: **\$10,891**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
AC	100/0/0	7,290 c						
CMAQ	80/20/0	3,855 a						
		10,565 c						

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Scheduled for adoption by the National Capital Region Transportation Planning Board on
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Title: Route 29 and Gallows Road Intersection Improvement

TIP ID:	6323	Description:	Projected completion:
Agency ID:	11395	Improve Intersection of Gallows Road and Lee Highway	
Facility:	US 29 Lee Highway		
From:	.009 mi. W. of Merrilee Dr.		
To:	I-495		

All amounts shown in \$1,000s Total Cost: **\$98,708**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT FY 2021	FY 2022	FY 2023	FY 2023	TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
STBG	80/20/0	420	a						

Title: Water Main Relocaitons and Water System Upgrades

TIP ID:	6324	Description:	Projected completion:
Agency ID:	88600	To be constructed in advance of VDOT roadway construction project 0029-029-119, C508 to accelerate widening construction.	
Facility:	US 29 Lee Highway		
From:	70' W. of Merrilee Dr.		
To:	97'E. of Hartland Rd.		

All amounts shown in \$1,000s Total Cost: **\$9,185**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT FY 2021	FY 2022	FY 2023	FY 2023	TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
AC	100/0/0	4,849	c						

Title: Wellington rd. Overpass Phase II

TIP ID:	6332	🚲	Description:	Projected completion:
Agency ID:	104374		Improve emergency response times, increase capacity and safety and facilitate pedestrian and bicycle access. See also CLRP# 1951.	
Facility:	Wellington Rd.			
From:	Dean Drive			
To:	Dean Park Dr.			

All amounts shown in \$1,000s Total Cost: **\$60,000**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT FY 2021	FY 2022	FY 2023	FY 2023	TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
AC	100/0/0	1,000	a						

FY 2021-2024 TRANSPORTATION IMPROVEMENT PROGRAM

Scheduled for adoption by the National Capital Region Transportation Planning Board on
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Title: VA 659 Reconstruct to 4 Lanes

TIP ID:	6335	Description:	Projected completion:	2015
Agency ID:	76244	Reconstruct VA 659 (Belomnt Ridge Rd) to 4 lanes Urban Collector		
Facility:	VA 659 Belmont Ridge Rd.			
From:	Va Hay Rd			
To:	VA Gloucester Pkwy			

All amounts shown in \$1,000s

Total Cost: \$52,031

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
AC	100/0/0	1,600 a 67,594 c						
Local	0/0/100	2,100 a 26,000 c						
NVTA-BOND	0/100/0	3,660 b 27,145 c						
STBG	80/20/0	1,477 a 1,771 b						

Title: TELEGRAPH RD - RTE 611- WIDEN TO 4 LANES (PE Only)

TIP ID:	6336	Description:	Projected completion:	
Agency ID:	104802	WIDEN TELEGRAPH RD TO 4 LANE DIVIDED SECTION WITH BIKE/PED FACILITIES. Associated with CLR project numbers 1931 and 1837.		
Facility:	Telegraph Rd.			
From:	Prince William Parkway			
To:	Minnieville Rd.			

All amounts shown in \$1,000s

Total Cost: \$2,921

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
State	0/100/0	2,920 a						

Title: RTE 7100 - FAIRFAX COUNTY PRKWAY - CONSTR INTRCHNG-PE/RW ONLY

TIP ID:	6337	Description:	Projected completion:	
Agency ID:	52404	To improve traffic and congestion by providing free flow conditions on the fairfax County Pkwy, Fair lakes Vld and Monument Dr. The project will consist of 3 bridhges, Ramps, Signals, Lights and trails.		
Facility:	VA 286 Fairfax County Parkway			
From:	Fairlakes			
To:				

All amounts shown in \$1,000s

Total Cost: \$11,195

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
AC	100/0/0	5,609 a		2,641 a 18 b			2,659	2,659
RSTP	80/20/0	1,586 b						

AGENCY: VDOT

FY 2021-2024 TRANSPORTATION IMPROVEMENT PROGRAM

Scheduled for adoption by the National Capital Region Transportation Planning Board on
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Title: ARRA-C Route 286 (Formerly 7100)Fairfax Cty Pkwy at Fair Lakes Interchange

TIP ID:	6339	Description:	Projected completion:
Agency ID:	95549	Child project of UPC 93528 to capture NON-ARRA funding	
Facility:	VA 286 Fairfax County Parkway		
From:	0.64 MI. South of EBL I-66		
To:	0.16 MI. North of Route 750 (Rugby Road) (

All amounts shown in \$1,000s Total Cost: **\$15,385**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT FY 2021	FY 2022	FY 2023	FY 2023	TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
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Title: Syscolin Road Paving and Widening

TIP ID:	6346	Description:	Projected completion:
Agency ID:	58923	Improve the existing roadway from a dirt road to a paved road as well as improve roadside drainage. Contact PM	
Facility:	RT 643 Syscolin Rd.		
From:	RT 659 0.924 mi. E. of Belmont Ridge Rd.		
To:	659 1.802 mi. W. of Belmont Ridge Rd.		

All amounts shown in \$1,000s Total Cost: **\$4,624**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT FY 2021	FY 2022	FY 2023	FY 2023	TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
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Title: I 66 Preliminary Engineering for EIS

TIP ID:	6347	Description:	Projected completion:
Agency ID:	54911	I-66 Study/Preliminary Engineering for EIS	
Facility:	I 66		
From:	I 495		
To:	VA 15		

All amounts shown in \$1,000s Total Cost: **\$73,823**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT FY 2021	FY 2022	FY 2023	FY 2023	TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
AC	100/0/0	13,816 a							
NHPP	100/0/0	13,843 a							
NHPP 1	87/13/0	19,353 a							
RSTP	80/20/0	9,173 a							

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Scheduled for adoption by the National Capital Region Transportation Planning Board on
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Title: Widening of US 1 to 6 lanes between Telegraph Rd and Rt 235

TIP ID:	6352	Description:	Projected completion:
Agency ID:	103073	Widen Route 1 to 6 lanes with raised median	
Facility:			
From:			
To:			

All amounts shown in \$1,000s Total Cost: **\$53,900**

SOURCE CODE	Federal/State/Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
AC	100/0/0	600 a						
		52,500 b						
		800 c						

Title: REPLACE AND WIDEN BRIDGE AND APPROACHES AT NEABSCO CREEK

TIP ID:	6353	Description:	Projected completion:
Agency ID:	16422	Replace the existing bridge over Neabsco Creek with a six lane divided facility that includes pedestrian and bicycle facilities.	
Facility:	US 1		
From:	Featherstone Rd		
To:	Neabsco Mills Rd		

All amounts shown in \$1,000s Total Cost: **\$36,835**

SOURCE CODE	Federal/State/Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
AC	100/0/0	1,116 a						
		846 b						
		3,980 c						
HBRRP	80/20/0	1,441 a						
		846 b						
		2,750 c						

Title: Bi-County Parkway

TIP ID:	6354	Description:	Projected completion:
Agency ID:		Continue preliminary engineering of UPC 52405 Tri-County Parkway to the Design Approval milestone and solicitation as a PPTA. (JCZ)	
Facility:			
From:			
To:			

All amounts shown in \$1,000s Total Cost:

SOURCE CODE	Federal/State/Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
AC	100/0/0	5,000 a						

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Scheduled for adoption by the National Capital Region Transportation Planning Board on
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Title: PROPOSED TRI-COUNTY PARKWAY - 4-LANE - EIS STUDY ONLY

TIP ID:	6355	Description:	Projected completion:
Agency ID:	52405	Environmental Impact Study for Tri County Parkway	
Facility:			
From:	234		
To:	620		

All amounts shown in \$1,000s Total Cost: **\$6,600**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
AC	100/0/0	1,950 a						

Title: I-495 Northern Section Shoulder Use Debt Service

TIP ID:	6361	Description:	Projected completion:
Agency ID:	106025	Debt service line item for I-495 Northern Section Shoulder Use. Associated with construction project UPC 105130.	
Facility:	I-495		
From:	South of Old Dominion Drive Overpass		
To:	George Washington Memorial Highway		

All amounts shown in \$1,000s Total Cost: **\$13,854**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
AC	100/0/0	29,993 c		8,601 c			8,601	13,575
AC Conversio	100/0/0	4,257 c			1,257 c	1,239 c	1,221 c	3,717
NHPP	100/0/0	4,284 c	1,427 c	1,257 c			1,257	

Title: Route 28 Metrorail Station (Innovation Station)

TIP ID:	6362	Description:	Projected completion:
Agency ID:	102891	This metrorail station, part of PH II of the Silver Line extension, is vital to support the increase in development that has been approved. It will include pedestrian and bicycle improvements, bus bays and bus stop improvements, and park-and-ride and kiss-and-ride facilities. There is \$69 million in prior years (FY 2014) NVTA funding allocated to this project.	
Facility:	28 Innovation Station		
From:	Silver Line at Route 28		
To:			

All amounts shown in \$1,000s Total Cost: **\$83,000**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
CMAQ	80/20/0	11,024 c	45 c					
NVTA-BOND	0/100/0	48,000 c						
NVTA-PAYG	0/100/0	21,000 c						

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Scheduled for adoption by the National Capital Region Transportation Planning Board on
March 18, 2020

Title: PRTC/PWC Woodbridge VRE Station Parking Expansion

TIP ID:	6368	Description:	Projected completion:
Agency ID:	T18094	PRTC/PWC Woodbridge VRE Station Parking Expansion	
Facility:			
From:			
To:			

All amounts shown in \$1,000s

Total Cost: **\$821**

SOURCE CODE	Federal/State/Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
CMAQ	80/20/0	821 c			2,000 a 500 c		2,500	2,500

Title: VRE Stations and Facilities

TIP ID:	6404	Description:	Projected completion:
Agency ID:		Additions of 2nd platforms, signage, related improvements at various VRE stations	
Facility:			
From:			
To:			

All amounts shown in \$1,000s

Total Cost:

SOURCE CODE	Federal/State/Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
AC	80/20/0	25,039 c						
AC Conversio	80/15/0	8,746 c						
CMAQ	80/20/0	20,912 c						

FY 2021-2024 TRANSPORTATION IMPROVEMENT PROGRAM

Scheduled for adoption by the National Capital Region Transportation Planning Board on
March 18, 2020

Title: Battlefield Parkway Extension

TIP ID:	6407	Description:	Projected completion:	2015
Agency ID:	100518	Completion of the last missing segment of the Battlefield Parkway corridor .		
Facility:	Rt Battlefield Parkway Extension			
From:	Rt 15 South King Street			
To:	Rt 267 Dulles Greenway			

All amounts shown in \$1,000s

Total Cost: \$13,500

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
AC	100/0/0	11,500 c						
BD	0/100/0	1,000 a 650 b 9,075 c						
State	0/100/0	274 c						
State/Local	50/50/0	1,100 a 400 b 500 c						

Title: Rogues Road Reconstruction

TIP ID:	6429	Description:	Projected completion:	2020
Agency ID:	104300	Reconstruction without added capacity. Reconstruct and widen travel lanes and shoulders, improve drainage and safety of road and minimize maintenance.		
Facility:	Rogues Road			
From:	Fauquier/Prince William County Line			
To:	RT 605			

All amounts shown in \$1,000s

Total Cost: \$5,014

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
AC	80/20/0				707 c		707	2,700
AC 1	97/0/0		5,901 c					
STBG	80/20/0	767 a 1,250 b	1,473 c					
STBG 9	80/20/0				1,993 c		1,993	

FY 2021-2024 TRANSPORTATION IMPROVEMENT PROGRAM

Scheduled for adoption by the National Capital Region Transportation Planning Board on
March 18, 2020

Title: Intersection Improvements RTE 15/29/838 Lee Hwy RSFY15

TIP ID:	6435	Description:	Projected completion:	2018
Agency ID:	105807	This project consists of intersection improvements at the intersection of U.S. 15/29 and Route 838 (400 feet east of the intersection to 400 feet west of the intersection) without adding traffic capacity.		
Facility:	US 29 Lee Highway			
From:	400' East of the intersection with Rte 838			
To:	400' West of the intersection with Rte 838			

All amounts shown in \$1,000s

Total Cost: \$1,189

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
Local	0/0/100	60 b						
		994 c						
REVSH	0/50/50	135 a						

Title: RICHMOND HIGHWAY CORRIDOR IMPROVEMENTS

TIP ID:	6443	🚲	Description:	Projected completion:	2022
Agency ID:	107187		Project will reconstruct and widen Richmond Highway (US Route 1) from four to six lanes and add bicycle and pedestrian facilities between the Mount Vernon Memorial Highway and Napper Road.		
Facility:	US 1 Richmond Highway				
From:	VA Jeff Todd Way				
To:	VA Sherwood Lane				

All amounts shown in \$1,000s

Total Cost: \$372,000

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
AC	80/20/0				19,581 b		19,581	375,581
AC 1	100/0/0					177,322 c	177,322	
AC Conversio	80/20/0					9,000 b	10,581 b	
PRIV	0/0/0				126,298 b		21,702 c	
RSTP	80/20/0				11,097 b		11,097	

Title: Clermont Avenue Connector - PE Only for NEPA Study

TIP ID:	6445	🚲	Description:	Projected completion:	2016
Agency ID:	52175		Plans to extend Clermont Avenue to an interchange with I-95 as part of the Eisenhower Valley Access and Circulation Improvements project were changed and the Clermont connector road was not built. This TIP amendment will provide funding for The City of Alexandria to move forward with a final study to close out the environmental process.		
Facility:	Clermont Ave.				
From:	I-95 Interchange				
To:	Eisenhower Ave				

All amounts shown in \$1,000s

Total Cost: \$250

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
STBG	80/20/0	500 a						

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Scheduled for adoption by the National Capital Region Transportation Planning Board on
March 18, 2020

Title: Route 1 Widening from Featherstone Road to Mary's Way

TIP ID:	6446	Description:	Projected completion:	2019
Agency ID:	104303	Widen from a 4 lane undivided highway to a 6 lane divided highway		
Facility:	US 1 Route 1			
From:	Featherstone Road			
To:	Mary's Way			

All amounts shown in \$1,000s

Total Cost: \$84,684

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
AC	100/0/0	6,540 b							488
AC Conversio	85/15/0	18,455 b	5,620 b						
NHPP	100/0/0	4,205 b							
NVTA-PAYG	0/100/0	4,100 a							
		23,600 b							
		37,535 c							
RSTP	80/20/0	300 a		488 b				488	

Title: Belmont Ridge Road (Route 659), South of the Dulles Greenway

TIP ID:	6447	Description:	Projected completion:	2018
Agency ID:	-16861	Widen from a substandard 2-lane rural section to a 4-lane arterial standard with the appropriate auxiliary turn lanes and signalization		
Facility:	VA 659 Belmont Ridge Road			
From:	VA 625 Truro Parish Road			
To:	VA 645 Croson Road			

All amounts shown in \$1,000s

Total Cost: \$19,500

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
Local	0/0/100	1,080 a							
		1,283 b							
		14,600 c							
NVTA-BOND	0/100/0	19,500 c							

FY 2021-2024 TRANSPORTATION IMPROVEMENT PROGRAM

Scheduled for adoption by the National Capital Region Transportation Planning Board on
March 18, 2020

Title: Frontier Dr Extension

TIP ID:	6449	Description:	Projected completion:	2024
Agency ID:	106742	Extend Frontier Drive from Franconia-Springfield Parkway to Loisdale Road.		
Facility:	Frontier Dr			
From:	VA 289 Franconia-Springfield Parkway			
To:	VA 789 Loisdale Rd			

All amounts shown in \$1,000s

Total Cost: **\$140,000**

SOURCE CODE	Federal/State/Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
AC	100/0/0	6,000 a		10,000 a			10,000	10,000
NVTA	0/100/0	2,000 a						
NVTA-BOND	0/100/0	2,000 a						

Title: VA Route 28 Widening (Prince William County Line to Route 29)

TIP ID:	6450	Description:	Projected completion:	2023
Agency ID:	108720	Widen from 4 to 6 lanes including intersection improvements and pedestrian/bicycle facilities.		
Facility:	VA 28 Centreville Road			
From:	PW County Line			
To:	Old Centreville Road			

All amounts shown in \$1,000s

Total Cost: **\$86,480**

SOURCE CODE	Federal/State/Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
AC	100/0/0	43,175 c						2,749
AC Conversio	100/0/0		8,190 c	2,749 c			2,749	
DEMO	100/0/0	1,800 a						
		5,090 b						
		3,309 c						
NHPP	100/0/0	3,010 c						
REVSH	0/50/50	20,000 c						
STBG 9	100/0/0	6,616 c						

FY 2021-2024 TRANSPORTATION IMPROVEMENT PROGRAM

Scheduled for adoption by the National Capital Region Transportation Planning Board on
March 18, 2020

Title: FX Connector Bus Service Expansion

TIP ID:	6452	Description:	Projected completion:	2016
Agency ID:	-16859	Start 2 new bus routes and improve service on 9 additional routes.		
Facility:	I-66 Corridor			
From:	Vienna Metrorail Station and Centerville			
To:	Huntington and Springfield areas			

All amounts shown in \$1,000s Total Cost: **\$6,000**

SOURCE CODE	Federal/State/Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
NVTA-BOND	0/100/0	500 a						
		5,500 c						

Title: Route 28 Widening (SB from the Dulles Toll Road to Route 50)

TIP ID:	6457	Description:	Projected completion:	2017
Agency ID:	106652	Widening from 3 to 4 lanes		
Facility:	VA 28 Sully Road			
From:	VA 267 Dulles Toll Road			
To:	US 50 Lee Jackson Memorial Highway			

All amounts shown in \$1,000s Total Cost: **\$20,000**

SOURCE CODE	Federal/State/Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
NVTA-BOND	0/100/0	20,000 c						

Title: Loudoun County Parkway

TIP ID:	6460	Description:	Projected completion:	2019
Agency ID:	-16862	4-lane urban major collector with a divided median in a six-lane ultimate right-of-way, with intersection improvements.		
Facility:	VA 607 Loudoun County Parkway			
From:	US 50 Lee Jackson Memorial Highway			
To:	VA 606 Creighton Road			

All amounts shown in \$1,000s Total Cost: **\$31,000**

SOURCE CODE	Federal/State/Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
NVTA-BOND	0/100/0	31,000 c						

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Scheduled for adoption by the National Capital Region Transportation Planning Board on
March 18, 2020

Title: Route 28 Widening

TIP ID:	6461	Description:	Projected completion:	2019
Agency ID:	105428	Widen from a 4 lane undivided highway to a 6 lane divided highway		
Facility:	VA 28 Nokesville Road			
From:	VA 234 Bypass			
To:	VA 619 Linton Hall Road			

All amounts shown in \$1,000s

Total Cost: \$2,500

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
NVTA-BOND	0/100/0	2,500	a					

Title: NVTA - Route 28 Widening

TIP ID:	6484	Description:	Projected completion:	
Agency ID:	T16860	This locally administered, NVTA funded project is being assigned a temporary UPC number for the sole purpose of inclusion in the STIP/TIP. Widen Route 28 from a 2 lane undivided roadway to a 4 lane divided highway between Linton Hall Rd and Fitzwater Dr.		
Facility:	28			
From:	Vint Hill Road			
To:	Fitzwater Dr.			

All amounts shown in \$1,000s

Total Cost: \$28,000

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
NVTA-BOND	0/100/0	28,000	c					

Title: I-395 Northern Extension Express Lanes Study

TIP ID:	6506	Description:	Projected completion:	2016
Agency ID:	108313	Planning, environmental, and multimodal study for the I-395 Express Lanes Project (Northern High Occupancy Toll (HOT) Lanes) to extend the I-95 Express Lanes.		
Facility:	I 395			
From:	Turkeycock Run Near Duke Street			
To:	Vicinity of Eads Street			

All amounts shown in \$1,000s

Total Cost: \$11,700

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
AC	0/100/0	11,700	d					

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Scheduled for adoption by the National Capital Region Transportation Planning Board on
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Title: EB I-66 Widening Inside the Beltway

TIP ID:	6511	Description:	Projected completion:	2020
Agency ID:		Environmental Study of proposal to add one lane eastbound		
Facility:	I-66			
From:	Exit 67 Dulles Airport Access Rd.			
To:	Exit 71 N. George Mason Drive			

All amounts shown in \$1,000s Total Cost:

SOURCE CODE	Federal/State/Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
AC	0/100/0	12,000 d						

Title: I-66 Inside the Beltway Tolling Systems Integration

TIP ID:	6512	Description:	Projected completion:	2017
Agency ID:	108337	Design, build, operate, & maintain rush hour tolling systems to manage traffic in I-66 Corridor		
Facility:	I-66			
From:	I-495			
To:	Route 29 Near Roslyn, Arlington County			

All amounts shown in \$1,000s Total Cost: **\$25,000**

SOURCE CODE	Federal/State/Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
AC	100/0/0	5,000 a						
		20,000 c						

Title: I-66 Inside the Beltway Tolling Infrastructure

TIP ID:	6513	Description:	Projected completion:	2017
Agency ID:	107371	Construct tolling gantries, signage, and related on I-66 inside the Beltway		
Facility:	I-66			
From:	I-495			
To:	Route 29 Near Roslyn, Arlington County			

All amounts shown in \$1,000s Total Cost: **\$6,755**

SOURCE CODE	Federal/State/Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
AC	0/100/0	5,000 a						
		1,000 b						

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Scheduled for adoption by the National Capital Region Transportation Planning Board on
March 18, 2020

Title: I-66 SPOT 2 LANDSCAPING

TIP ID:	6515	Description:	Projected completion:	2019
Agency ID:	108492	Breakout project to provide landscaping along I-66 Spot 2 improvements.		
Facility:	I 66			
From:	0.2 miles west of Route 703			
To:	North Westmoreland Street			

All amounts shown in \$1,000s

Total Cost: \$740

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT FY 2021	FY 2022	FY 2023	FY 2023	TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
NHPP	80/20/0	670 c							
State/Local	0/100/0	70 a							

Title: #HB2.FY17 RTE 7 CORRIDOR IMPROVEMENTS - PHASE 1

TIP ID:	6519	🚲	Description:	Projected completion:	2022
Agency ID:	99478	Rt 7 Corridor Improvements to add one travel lane both EB and WB; upgrade intersections; and construct pedestrian and bicycle facilities EB and WB.			
Facility:	RT 7 Leesburg Pike	FROM: Reston Avenue TO: Jarrett Valley Drive (0.5000 MI)			
From:	Reston Ave				
To:	Jarrett Valley Drive				

All amounts shown in \$1,000s

Total Cost: \$187,914

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT FY 2021	FY 2022	FY 2023	FY 2023	TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
AC	100/0/0			8,812 b				49,653	161,990
				40,841 c					
AC 1	90/10/0			78,160 c				78,160	
AC Conversio	80/20/0				7,378 c	6,762 c	1,250 c	15,390	
AC Conversio	100/0/0			2,768 b	2,674 b	2,810 b	3,329 b	11,581	
HIP	100/0/0			927 c				927	
NHPP	100/0/0			2,441 b				2,441	
STBG 9	100/0/0			3,838 c				3,838	

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Scheduled for adoption by the National Capital Region Transportation Planning Board on
March 18, 2020

Title: Fairfax County Parkway widen from 4 to 6 lanes

TIP ID:	6520	🚲	Description:	Projected completion:	2025
Agency ID:	107937 Widen Fairfax County Parkway from 4 lanes to 6				
Facility:	286 Fairfax County Parkway				
From:	123 Ox Road				
To:	29 2,000 ft. north of Lee Highway				

All amounts shown in \$1,000s

Total Cost: **\$130,200**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
AC	100/0/0			8,000 a	9,700 b			17,700	23,200
AC	80/20/0			8,000 a	9,700 b			17,700	
AC Conversio	80/20/0				2,500 a	3,000 a		5,500	
NVTA	0/100/0	20,000 a							

Title: Widen East Spring Street

TIP ID:	6537	🚲	Description:	Projected completion:	2019
Agency ID:	105521 Widen Spring Street from 4 lanes to 6 lanes, FXCO PKWY ramp improvements, intersection improvements, sidewalk				
Facility:	Spring Street				
From:	Herndon Parkway				
To:	Fairfax County Parkway				

All amounts shown in \$1,000s

Total Cost: **\$14,492**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
AC	100/0/0	73 a	3,512 c	3,502 b				9,977	10,477
		5,373 b		6,475 c					
AC 1	80/20/0	715 b							
AC Conversio	80/20/0		415 b	200 b				200	
RSTP	80/20/0	90 b		200 b	100 b			300	

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Scheduled for adoption by the National Capital Region Transportation Planning Board on
March 18, 2020

Title: #HB2.FY17 RTE 7 CORRIDOR IMPROVEMENTS - PHASE 2

TIP ID:	6539	Description:	Projected completion:	2024
Agency ID:	106917	Phase 2 for Rt 7 Corridor Improvements to add one travel lane both EB and WB; upgrade intersections; and construct pedestrian and bicycle facilities EB and WB Reconstruction w/ Added Capacity - FROM: Reston Avenue TO: 500 ft. E of Colvin Forest Drive (3.2500 MI) TIP AMD - add \$34,658 (RSTP) & \$956,677 (AC-Other GARVEE) FFY17 PE phase. (lco 9/27/16) child project of UPC 99478 FROM: Reston Avenue TO: 500 ft. E of Colvin Forest Drive (3.2500 MI)		
Facility:	VA 7 Leesburg Pike			
From:	Reston Avenue			
To:	500 ft. E of Colvin Forest Drive			

All amounts shown in \$1,000s

Total Cost: **\$125,958**

SOURCE CODE	Federal/State/Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
AC	100/0/0	345 a 35,000 b 43,084 c		12,200 b 53,919 c			66,119	129,793
AC 1	0/100/0	957 a						
AC Conversio	100/0/0	49 a 853 b	947 b	1,636 b	1,693 b	1,779 b	2,141 b	7,249
AC Conversio	80/20/0	8,547 c	7,027 c					
NHPP	100/0/0	1,190 a 375 b		1,509 b			1,509	
RSTP	80/20/0	43 a 26,040 c		54,916 c			54,916	

Title: Transform 66 Outside of Beltway

TIP ID:	6540	Description:	Projected completion:	2021
Agency ID:	108826	The of Transform 66 Outside the Beltway Project is a multimodal project which will provide 2 Express Lanes & 3 general purpose lanes in each direction, with a median width designed to accommodate future high quality transit.		
Facility:	I 66			
From:	US 15 Haymarket			
To:	I 495 Beltway			

All amounts shown in \$1,000s

Total Cost: **\$600,000**

SOURCE CODE	Federal/State/Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
AC	0/100/0	300,000 c						

FY 2021-2024 TRANSPORTATION IMPROVEMENT PROGRAM

Scheduled for adoption by the National Capital Region Transportation Planning Board on
March 18, 2020

Title: NEABSCO MILLS ROAD - Widen to 4 lanes

TIP ID:	6541	Description:	Projected completion:	2024
Agency ID:	107947	Widen Neabsco Mills Road to 4 lanes between Smoke Ct (S. of Dale Blvd) and Route 1.		
Facility:	Neabsco Mills Road			
From:	Smoke Court			
To:	US 1 Jefferson Davis Highway			

All amounts shown in \$1,000s Total Cost: **\$29,401**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
AC	80/20/0	453 b	1,596 b						50,266
AC Conversio	80/20/0			32,596 b				32,596	
REVSH	0/50/50	2,000 b				16,075 c		16,075	
RSTP	80/20/0	2,650 a 1,848 b	4,689 b			1,595 c		1,595	

Title: Embark Richmond Highway Comprehensive Plan Amendment

TIP ID:	6542	Description:	Projected completion:	
Agency ID:		US 1 Richmond Highway		
Facility:	US 1 Richmond Highway			
From:				
To:				

All amounts shown in \$1,000s Total Cost: **\$800**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
Sect. 5309	50/25/25	800 d							

Title: I-66 / Route 15 IINTERCHANGE RECONSTRUCTION GARVEE DEBT SERVICES

TIP ID:	6543	Description:	Projected completion:	
Agency ID:	110376	Rte. I-66/Rte 15 Interchange		
Facility:	I 66			
From:	Rte. I-66/Rte 15 Interchange			
To:				

All amounts shown in \$1,000s Total Cost: **\$15,530**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
AC	100/0/0	17,972 a		7,989 c				7,989	13,186
AC Conversio	100/0/0		1,557 a		1,356 c	1,248 c	1,134 c	3,738	
NHPP	100/0/0	2,931 a		1,459 c				1,459	

AGENCY: VDOT

FY 2021-2024 TRANSPORTATION IMPROVEMENT PROGRAM

Scheduled for adoption by the National Capital Region Transportation Planning Board on
March 18, 2020

Title: I-66 Inside of the Beltway Initiatives

TIP ID:	6544	Description:	Projected completion:
Agency ID:	108424	From: Exit 67 DULLES AIRPORT ACCESS ROAD TO: 71 N. GEORGE MASON DRIVE (4.0000MI)	
Facility:	I 66		
From:	I 495		
To:	US 29 Near Rosslyn, Arlington		

All amounts shown in \$1,000s Total Cost: **\$120,219**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
AC	100/0/0	14,497 a		4,800 b 102,899 c				107,699	123,063
AC Conversio	100/0/0	5,284 a	3,214 a 750 b		2,653 a	4,800 b 100 c	5,158 c	12,711	
NHPP	100/0/0	7,217 a		2,653 a				2,653	

Title: I-66 Inside of the Beltway Initiatives GARVEE DEBT SERVICES

TIP ID:	6545	Description:	Projected completion:
Agency ID:	110392		
Facility:	I 66		
From:	I 495		
To:	U 29 Near Rosslyn, Arlington		

All amounts shown in \$1,000s Total Cost: **\$34,524**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
AC	100/0/0	29,343 a		21,874 a				21,874	34,662
AC Conversio	100/0/0	3,438 a	3,236 a		3,331 a	3,094 a	2,846 a	9,271	
NHPP	100/0/0	3,797 a		3,517 a				3,517	

Title: #HB2.FY17 RTE 7 CORRIDOR IMPROVEMENTS - PH 1 GARVEE DEBT SERVICE

TIP ID:	6546	Description:	Projected completion:
Agency ID:	110377		2022
Facility:	VA 7		
From:	Reston Avenue		
To:	Jarrett Valley Drive		

All amounts shown in \$1,000s Total Cost: **\$31,473**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
AC	100/0/0	30,774 a		25,531 a				25,531	34,928
AC Conversio	100/0/0	2,068 a	1,682 a		2,153 a	2,020 a	3,062 a	7,235	
NHPP	100/0/0	698 a		2,162 a				2,162	

AGENCY: VDOT

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Title: HB2.FY17 RTE 7 CORRIDOR IMPROVEMENTS - PHASE 2 GARVEE DEBT SERVICES

TIP ID:	6547	🚲	Description:	Projected completion:	2022
Agency ID:	110378				
Facility:	VA 7				
From:	Reston Avenue				
To:	Jarrett Valley Drive				

All amounts shown in \$1,000s

Total Cost: **\$14,931**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
AC	100/0/0	14,197 a		10,902 a				10,902	15,966
AC Conversio	100/0/0	1,401 a	1,552 a		1,280 a	1,199 a	1,340 a	3,819	
NHPP	100/0/0	1,566 a		1,245 a				1,245	

Title: #HB2.FY17 Const Inter AT RTE 15/17/29 BUS GARVEE DEBT SERVICES

TIP ID:	6548		Description:	Projected completion:	
Agency ID:	110375				
Facility:	US 15 INTERCHANGE				
From:	US 29				
To:	VA 17				

All amounts shown in \$1,000s

Total Cost: **\$9,713**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
AC	100/0/0	8,609 a		6,917 a				6,917	9,846
AC Conversio	100/0/0	1,246 a	764 a		959 a	898 a	83 a	1,940	
NHPP	100/0/0	485 a		989 a				989	

Title: TRANSFORM I-66 OVERSIGHT PROJECT

TIP ID:	6549		Description:	Projected completion:	
Agency ID:	110496				
Facility:	I 66				
From:	I 495 Beltway				
To:	US 15				

All amounts shown in \$1,000s

Total Cost: **\$115,283**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
AC	100/0/0	15,000 a		15,000 a				100,000	100,000
		85,000 c		85,000 c					

AGENCY: VDOT

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Title: Widen Liberia Avenue - PE Only

TIP ID:	6550	Description:	Projected completion:
Agency ID:	102903	Reconstruction w/ Added Capacity	
Facility:	Liberia Avenue		
From:	VA 28		
To:	Quarry Road		

All amounts shown in \$1,000s Total Cost: **\$1,554**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
RSTP	80/20/0	1,554 a						

Title: ROUTE 7/GEORGE WASHINGTON BLVD OVERPASS

TIP ID:	6553	Description:	Projected completion:
Agency ID:	105584	Project will Improve traffic operations on Route 7 by constructing a grade separated overpass at Route 1050 George Washington Blvd. FROM: 0. 25 MI. S. OF RESEARCH PLACE TO: CENTER LINE OF RESEARCH PLACE (0.2500 MI)	
Facility:	VA 7 Harry Bird Highway		
From:	Overpass @ G.W. Blvd		
To:			

All amounts shown in \$1,000s Total Cost: **\$33,471**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
AC	80/20/0		3,000 c					3,000
AC 1	100/0/0		8,694 c					
AC Conversio	80/20/0			3,000 c			3,000	
RSTP	80/20/0	1,367 a	650 a					
		5,728 b	2,972 b					
			4,428 c					

Title: RTE 123 - WIDENING FROM 2 LANES TO 4 LANES ON 6 LANE R/W

TIP ID:	6555	Description:	Projected completion:
Agency ID:	16622	FROM: 0.287 KILOMETER SOUTH LEE CHAPEL ROAD TO: 0.006 KILOMETER SOUTH BURKE LAKE ROAD (3.8520 KM)	
Facility:	VA 123		
From:	Lee Chaple Road		
To:	Burke Lake Road		

All amounts shown in \$1,000s Total Cost: **\$21,850**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
NHPP	80/20/0	101 c						
RSTP	80/20/0	136 b						
		301 c						
STBG	80/20/0	27 c						

AGENCY: VDOT

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Scheduled for adoption by the National Capital Region Transportation Planning Board on
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Title: RTE 1 - WIDENING

TIP ID:	6557	Description:	Projected completion:
Agency ID:	12906	FROM: 0.448 KILOMETER SOUTH LORTON ROAD TO: 0.223 KILOMETER NORTH TELEGRAPH ROAD (1.9120 KM)	
Facility:	US 1 Jefferson Davis Highway		
From:	VA 642 Lorton Road		
To:	VA 611 Telegraph Road		

All amounts shown in \$1,000s Total Cost: **\$23,834**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
AC	100/0/0	1,938 a						
		2,753 c						
STBG	80/20/0	252 b						
		444 c						

Title: RTE 840 UNIVERSITY BOULEVARD WIDENING AND EXTENSION -PE ONLY

TIP ID:	6559	Description:	Projected completion:
Agency ID:	104816	FROM: Route 621 (Devlin Road) TO: Route 1566 (Sudley Manor Drive) (1.2900 MI)	
Facility:	University Boulevard		
From:	VA 1566 Suddly Manor Drive		
To:	VA 621 Devlin Road		

All amounts shown in \$1,000s Total Cost: **\$32,985**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
RSTP	80/20/0			1,700 a			1,700	1,700

Title: BATTLEFIELD PARKWAY - 4 LANES ON 6 LANE R/W

TIP ID:	6561	Description:	Projected completion:
Agency ID:	18992	FROM: KINCAID BOULEVARD TO: ROUTE 7 (0.6500 MI)	
Facility:	Battlefield Parkway		
From:	VA 7 East Market Street		
To:	Kincaid Boulevard		

All amounts shown in \$1,000s Total Cost: **\$32,956**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
AC	100/0/0	1,824 a						
		6,933 c						
NHPP	80/20/0	57 a						

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Title: VINT HILL RD WIDENING TO 4 LANES (VDOT Oversight)

TIP ID:	6575	Description:	Projected completion:
Agency ID:	104554		
Facility:	VA 215 Vint Hill Road		
From:	VA 1566 Sudley Manor Drive		
To:	Schaeffer Ln		

All amounts shown in \$1,000s Total Cost: **\$305**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
State/Local	0/100/0	84 a						
		221 c						

Title: Westbound Accel/Decel Lane from Geo Mason Dr to Sycamore St

TIP ID:	6577	Description:	Projected completion:
Agency ID:	78826	Westbound Accel/Decel Lane from Geo Mason Dr to Sycamore St.	
Facility:	66		
From:	Sycamore Street		
To:	George Mason Drive		

All amounts shown in \$1,000s Total Cost: **\$15,424**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
AC	80/20/0	3 a						
		209 c						

Title: I-395 EXPRESS LANES (P3) EARLY WORKS - AR

TIP ID:	6580	Description:	Projected completion:
Agency ID:	110604	FROM: Turkeycock Run Near Duke Street TO: Vicinity of Eads Street	
Facility:	I 395 Express Lanes		
From:	VA 236 Duke Street		
To:	Eads Street		

All amounts shown in \$1,000s Total Cost: **\$5,500**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
AC	100/0/0	5,500 a						

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Title: I-395 EARLY WORKS - FEDERAL

TIP ID:	6581	Description:	Projected completion:
Agency ID:	110605	FROM: Turkeycock Run Near Duke Street TO: Vicinity of Eads Street	
Facility:	I 395		
From:	VA 236 Duke Street		
To:	Eads Street		

All amounts shown in \$1,000s Total Cost: **\$2,000**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
AC	80/20/0	2,000 a						

Title: Soapstone Connector

TIP ID:	6583	Description:	Projected completion:
Agency ID:	112479	New multimodal roadway between Sunset Hills Rd and Sunrise Valley Dr. in Reston. Near Wiehle-Reston East Metrorail Station, includes crossing over the Dulles Corridor. Includes 4 lane cross section, on-road bike, sidewalk, and shared use path.	
Facility:	Soapstone Connector		
From:	Sunrise Valley Dr		
To:	Sunset Hills Dr		

All amounts shown in \$1,000s Total Cost: **\$215,900**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
AC	80/20/0			15,500 b			15,500	160,700
AC 1	100/0/0	7,740 a		116,626 b			116,626	
AC Conversio	80/20/0				4,900 b	5,000 b	5,600 b	
NVTA	0/100/0	8,250 a						
REVSH	0/50/50	1,470 a		9,200 a			13,074	
				3,874 b				

Title: TRANSFORM66 OUTSIDE THE BELTWAY (P3 Project)

TIP ID:	6585	Description:	Projected completion:
Agency ID:	110741	The Transform 66 Outside the Beltway Project is a multimodal project which will provide 2 Express Lanes & 3 general purpose lanes in each direction, with a median width designed to accommodate future high quality transit. Anticipated funds to consist of TIFIA Loan, Debt, and Equity for Express Mobility Partners	
Facility:	I 66		
From:	I 495		
To:	US 15		

All amounts shown in \$1,000s Total Cost: **#####**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
PRIV	0/0/0	1,355,200 c		3,031,404 c			3,031,404	3,031,404

AGENCY: VDOT

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Scheduled for adoption by the National Capital Region Transportation Planning Board on
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Title: I395 Project owner's cost

TIP ID:	6587	Description:	Projected completion:
Agency ID:	108361	I395 Project owner's cost for oversight and management, general purpose bridge rehabilitation and RW for I395 Express and Duke/Edsall Widening. Connected to the Atlantic Gateway Grant 2 A	
Facility:	I 395		
From:	Edsall Road		
To:	Washington D.C.		
		3/30/2017	
		TIP AMD - add \$700,000 (AC OTHER State) FFY17 RW phase; add \$33,300,000 (AC OTHER State, and Fast Lane Grant) FFY17 CN phase.	

All amounts shown in \$1,000s Total Cost: **\$34,631**

SOURCE CODE	Federal/State/Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT FY 2021	FY 2022	FY 2023	FY 2023	TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
AC	100/0/0	700 b							
		33,300 c							

Title: I-395 NORTHERN EXTENSION MULTI-MODAL ACCESS TO PENTAGON (2B)

TIP ID:	6588	Description:	Projected completion:
Agency ID:	110728	IMPROVING MULTI-MODAL ACCESS TO PENTAGON	
Facility:	I 395		
From:	Edsall Road		
To:	Washington D.C. Line		

All amounts shown in \$1,000s Total Cost: **\$10,000**

SOURCE CODE	Federal/State/Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT FY 2021	FY 2022	FY 2023	FY 2023	TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
AC	100/0/0	10,000 c							

Title: I395 AUXILIARY LANE - SOUNDWALLS

TIP ID:	6589	Description:	Projected completion:
Agency ID:	110729	Construct noise barrier to fulfill environmental commitments from the I395 Auxiliary Lane project. NEPA under UPC 102437 project	
Facility:	I 395		
From:	0.280 mi. north of Duke Street		
To:	0.048 mi. south of Sanger Avenue		
		3/30/2017	
		TIP AMD - add \$7,000,000 (AC-OTHER State) FFY17.	

All amounts shown in \$1,000s Total Cost: **\$7,000**

SOURCE CODE	Federal/State/Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT FY 2021	FY 2022	FY 2023	FY 2023	TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
AC	100/0/0	7,000 c							

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Title: EDSALL ROAD WALKWAY

TIP ID:	6592	Description:	Projected completion:	2020
Agency ID:	110740	FROM: Cherokee Avenue TO: 200 feet N of Beryl Road (0.5000 MI)		
Facility:	VA 648 Edsall Road			
From:	Cherokee Avenue			
To:	200 feet N of Beryl Road			

All amounts shown in \$1,000s

Total Cost: \$4,000

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT FY 2021	FY 2022	FY 2023	FY 2023	TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
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Title: I-395 EXPRESS LANES NORTHERN EXTENSION

TIP ID:	6593	Description:	Projected completion:	2020
Agency ID:	110739	To construct I395 Express Lanes Northern Extension from Edsall Road to Washington DC Line. (Consessionaire Transurban)		
Facility:	I 395			
From:	Turkeycock Run			
To:	Vicinity of Eads Street			

All amounts shown in \$1,000s

Total Cost: \$462,000

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT FY 2021	FY 2022	FY 2023	FY 2023	TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
PRIV	0/0/0	462,000 c		462,000 c				462,000	462,000

Title: ARCOLA BLVD (ROUTE 50 TO LOUDOUN COUNTY PKWY)

TIP ID:	6599	Description:	Projected completion:	2023
Agency ID:	111481	Construction of Arcola Boulevard in its entirety between US 50 and VA 606		
Facility:	842 Arcola Blvd	CLRP 3308, 3307 & 3306 are also covered under this TIP		
From:	US 50			
To:	VA 606 Old Ox Road			

All amounts shown in \$1,000s

Total Cost: \$53,607

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT FY 2021	FY 2022	FY 2023	FY 2023	TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
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Scheduled for adoption by the National Capital Region Transportation Planning Board on
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Title: Dulles West Boulevard Phase 3

TIP ID:	6602	Description:	Projected completion:
Agency ID:		Construct new 4-lane divided	
Facility:	Dulles West Blvd.		
From:	Arcola Blvd.		
To:	Northstar Blvd.		

All amounts shown in \$1,000s

Total Cost:

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
BD	0/0/100			10,600 c			10,600	22,700
NVTA	0/100/0				12,100 b		12,100	

Title: Lee Highway Widening Phase II

TIP ID:	6604	🚲	Description:	Projected completion:
Agency ID:	110329		Widen Route 29 from 4 lanes to 6 lanes from Union Mill Road to Buckley's Gate Drive, with added capacity, improved geometrics and pedestrian/bicycle facilities. Corresponding Debt Service UPC is 111986.	
Facility:	US 29 Lee Highway			
From:	VA 659 Union Mill Road			
To:	Buckleys Gate Drive			

All amounts shown in \$1,000s

Total Cost: **\$85,875**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
AC	100/0/0	5,478 a		4,576 a			83,669	89,634
				25,020 b				
				54,073 c				
AC Conversio	100/0/0	235 a	246 a		795 a	2,403 a	1,378 a	5,706
						1,130 b		
NHPP	100/0/0	174 a		259 a			259	

Title: Lee Highway Widening Phase II – GARVEE DEBT SERVICE

TIP ID:	6605	🚲	Description:	Projected completion:
Agency ID:	111986		Debt Service Required for construction of UPC 110329	
Facility:	US 29 Lee Highway			
From:	VA 659 Union Mill Road			
To:	Buckleys Gate Drive			

All amounts shown in \$1,000s

Total Cost: **\$11,005**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL	
				FY 2021	FY 2022	FY 2023			
AC	100/0/0	19,125 a		16,731 a			16,731	21,408	
AC Conversio	100/0/0	228 a	216 a		725 a	1,899 a	1,849 a		4,473
NHPP	100/0/0	184 a		204 a			204		

AGENCY: VDOT

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Scheduled for adoption by the National Capital Region Transportation Planning Board on
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Title: Sudley Road 3rd Lane, NB

TIP ID:	6617	🚲	Description:	Projected completion:	2021
Agency ID:	T-105				
Facility:	VA 234 Sudley Road				
From:	Grant Avenue				
To:	Godwin Drive				

All amounts shown in \$1,000s

Total Cost: \$7,400

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
State/Local	0/100/0			7,400 c			7,400	7,400

Title: ROUTE 7/ROUTE 690 INTERCHANGE #SMART18

TIP ID:	6618	🚲	Description:	Projected completion:	2025
Agency ID:	111666				
Facility:	VA 7 Harry Byrd Highway				
From:	VA 690 Hillsboro Road				
To:					

All amounts shown in \$1,000s

Total Cost: \$35,544

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
AC	100/0/0	3,948 a				22,031 c	22,031	31,596
STBG 9	100/0/0			602 b		8,963 c	9,565	

Title: VA 234 Bypass Interchange @ Balls Ford Road

TIP ID:	6621		Description:	Projected completion:	2027
Agency ID:	T20906				
Facility:	VA 234				
From:	Balls Foard Relocated				
To:					

All amounts shown in \$1,000s

Total Cost: \$145,000

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
PRIV	0/0/0	14,001 a	12,300 b	118,100 c			118,100	118,100

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Scheduled for adoption by the National Capital Region Transportation Planning Board on
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Title: PRTC WESTERN BUS MAINTENANCE AND STORAGE FACILITY

TIP ID:	6622	Description:	Projected completion:	2020
Agency ID:	113528	FROM: 7850 Doane Drive Manassas TO: 7850 Doane Drive Manassas		
Facility:				
From:				
To:				

All amounts shown in \$1,000s Total Cost: **\$11,070**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT FY 2021	FY 2022	FY 2023	FY 2023	TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
AC	100/0/0			11,070 c				11,070	11,070

Title: Rte 621 BALLS FORD ROAD WIDEN TO 4 LANES

TIP ID:	6623	Description:	Projected completion:	2023
Agency ID:	T20903	FROM: Groveton Road TO: Sudley Road (Route 234) (1.9000 MI)		
Facility:	VA 621 Balls Ford Road			
From:	VA 234 Sudley Road			
To:	Groveton Road			

All amounts shown in \$1,000s Total Cost: **\$67,405**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT FY 2021	FY 2022	FY 2023	FY 2023	TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
PRIV	0/0/0	5,435 a	9,570 b	52,400 c				52,400	52,400

Title: I-495 Express Lanes Northern Extension

TIP ID:	6624	Description:	Projected completion:	2025
Agency ID:	T21333	Extend I-495 HOT Lanes north to the American Legion Bridge from south of their current northern terminus in the vicinity of Old Dominion Drive to the American Legion Bridge.		
Facility:	I 495 Beltway			
From:	S. of Existing Express Lanes			
To:	American Legion Bridge			

All amounts shown in \$1,000s Total Cost: **\$6,000**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT FY 2021	FY 2022	FY 2023	FY 2023	TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
NHPP	100/0/0	6,000 a							

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Scheduled for adoption by the National Capital Region Transportation Planning Board on
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Title: VA Route 645 Extended - Westwind Drive

TIP ID:	6659	Description:	Projected completion:	2026
Agency ID:	111670	Westwind Drive/Ladbrook Drive (VA Route 645 Extended) will provide an additional road connection across Broad Run between Loudoun County Parkway (VA Route 607) (in the Ashburn Community) and the Old Ox Road (VA Route 606) corridor. Future construction of this four lane divided road segment (Loudoun Typical Section for U4M) and bridge crossing will provide another east west connection in Loudoun's UDA. Between the Dulles Greenway and Evergreen Mills Road there are no other east west roadways across Broad Run, thereby hindering economic development and increasing vehicle miles travels for residents. This project can be found in Loudoun County's Capital Improvement Program and missing link #101 in Eastern Loudoun's Transportation Study.		
Facility:	VA 645 Westwind Drive			
From:	VA 607 Loudoun County (opposite Moorefi			
To:	VA 606 Old Ox Road			

All amounts shown in \$1,000s Total Cost: **\$43,278**

SOURCE CODE	Federal/State/Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
AC	100/0/0	4,654 a				23,457 c	23,457	43,278
AC Conversio	100/0/0			4,654 a			4,654	
NHPP	100/0/0					550 c	550	
STBG 9	100/0/0				7,600 b	7,017 c	14,617	

Title: Riverside Parkway (VA Route 7 North Collector Road) Extension

TIP ID:	6662	🚲	Description:	Projected completion:	2023
Agency ID:	105784		Construction of a four-lane divided roadway with multi-use trails on both sides to complete the Route 7 North Collector Road between the Route 15 Bypass in Leesburg to the George Washington Boulevard in Ashburn		
Facility:	Riverside Parkway				
From:	0.567 Mi W of Loudoun County Parkway				
To:	0.103 E. of Loudoun County Parkway				

All amounts shown in \$1,000s Total Cost: **\$14,027**

SOURCE CODE	Federal/State/Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
AC	100/0/0			615 c			615	11,412
REVSH	0/50/50	615 a 2,000 b		10,797 c			10,797	

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Scheduled for adoption by the National Capital Region Transportation Planning Board on
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Title: STERLING BOULEVARD - 4 LANE CONSTRUCTION ON NEW ALIGNMENT

TIP ID:	6663	Description:	Projected completion:
Agency ID:	105783	THE CONSTRUCTION PROJECT WILL COMPLETE AN EXISTING GAP BY PROVIDING A 4 LANE DIVIDED FACILITY FROM PACIFIC BOULEVARD TO MORAN ROAD.	
Facility:	VA 846 Sterling Blvd		
From:	VA 625 Pacific Blvd		
To:	VA 634 Moran Road		

All amounts shown in \$1,000s Total Cost: **\$24,100**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
REVSH	0/50/50	2,000 a		5,900 b			5,900	5,900

Title: FARMWELL ROAD WIDENING FROM 4 TO 6 LANES

TIP ID:	6664	Description:	Projected completion:
Agency ID:	106996	Widen Farmwell Road from 4 to 6 lanes	
Facility:	VA 640 Farmwell Road		
From:	Smith Switch Road		
To:	VA 641 Ashburn Road		

All amounts shown in \$1,000s Total Cost: **\$7,000**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
REVSH	0/50/50	1,000 a						

Title: CONNECTOR ROAD FROM SUNRISE VALLEY DR TO INNOVATION AVE

TIP ID:	6665	Description:	Projected completion:
Agency ID:	114098	Construct a four-lane roadway over the Dulles Toll Road from Sunrise Valley Drive on the south side to Innovation Avenue in Loudoun County on the north side. The project would include pedestrian and bicycle facilities.	2022
Facility:	Overpass		
From:	VA 5320 Sunrise Valley Drive		
To:	Innovation Avenue		

All amounts shown in \$1,000s Total Cost: **\$1,000**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
AC	100/0/0	1,000 a		1,000 a			1,000	1,000

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Scheduled for adoption by the National Capital Region Transportation Planning Board on
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Title: Crystal City Metro Station East Entrance

TIP ID:	6670	Description:	Projected completion:	2022
Agency ID:	T22443	New Metro entrance at the east end of the station, near Crystal Drive, to provide easier access from Crystal Drive, the VRE station, and the northbound Transitway. Includes elevators, escalators and/or stairs, a fare payment area with fare vending machines, kiosk, and an underground passageway to the existing train platform and/or mezzanine.		
Facility:	Crystal City Metro station			
From:	Crystal Drive			
To:				

All amounts shown in \$1,000s

Total Cost: **\$90,675**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
CMAQ	80/20/0					20,835 c	20,835	75,564
HPP	0/100/0					12,000 c	12,000	
HPP	80/20/0					12,000 c	12,000	
NHPP	80/20/0					5,943 c	5,943	
State	0/100/0					6,057 c	6,057	
STBG	42/42/16		12,818 a 36,862 c	30,729 c			30,729	
STBG	50/50/0		12,818 a 36,862 c	30,729 c			30,729	

Title: Alexandria Potomac Yard Metro Station Improvements, Including Southwest Entrance

TIP ID:	6671	Description:	Projected completion:	2023
Agency ID:	ALXPYMSTA	The project consists of construction of a new Metro Station at Potomac Yards along the existing Metrorail Blue and Yellow Lines. including a Southwest Entry at E. Glebe Rd / Potomac Ave .		
Facility:	Potomac Yard Metro Station			
From:	Entrance @ E. Glebe Rd/ Potomac Ave.			
To:				

All amounts shown in \$1,000s

Total Cost: **\$370,000**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
CMAQ	80/20/0	1,000 a		25,000 c			25,000	254,034
Local	0/0/100	46,279 a	3,683 c	46,944 c	86,748 c	15,842 c	149,534	
NVTA	0/100/0	11,500 a	53,500 c	4,500 c			4,500	
State	0/100/0			50,000 c	25,000 c		75,000	

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Scheduled for adoption by the National Capital Region Transportation Planning Board on
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Title: Crystal City Potomac Yard BRT Expansion

TIP ID:	6672	Description:	Projected completion:	2022
Agency ID:	115668	Enhance transit use by extending transitway on NB Route 1. Includes dedicated center running transit lanes and stations, coordinated with other planned intersections improvements at Rte 1/E Glebe Road.		
Facility:				
From:				
To:				

All amounts shown in \$1,000s

Total Cost: **\$5,000**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL	
				FY 2021	FY 2022	FY 2023			
CMAQ	80/20/0					1,500 c	1,000 c	2,500	2,500
State/Local	0/43/57		1,073 a						
			4,732 c						

Title: Long Bridge Phase 1 Alexandria 4th Track Project

TIP ID:	6673	Description:	Projected completion:	2025
Agency ID:	T23436	Construct 6 miles of fourth track from Control Point AF in Alexandria to the RO Interlocking near the south bank of the Potomac River in Arlington		
Facility:	CSX Richmond, Fredericksburg and Potomac			
From:	Control Point AF in Alexandria, VA			
To:	Control Point RO Interlocking in Arlington, V			

All amounts shown in \$1,000s

Total Cost: **\$140,000**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
AC	80/20/0			9,307 c			9,307	128,900
AC 1	100/0/0			69,880 c			69,880	
CMAQ	80/20/0		11,100 a	49,713 c			49,713	

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Scheduled for adoption by the National Capital Region Transportation Planning Board on
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Title: US 1 Bus Rapid Transit

TIP ID:	6680	Description:	Projected completion:	2027
Agency ID:	115549			
Facility:	US 1 Richmond Highway			
From:	FORT BELVOIR			
To:	HUNTINGTON METRORAIL STATION			

All amounts shown in \$1,000s

Total Cost: **\$544,800**

SOURCE CODE	Federal/State/Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
AC	100/0/0	86,703 a							252,087
AC Conversio	80/20/0		6,775 a	9,725 a				9,725	
AC Conversio	100/0/0			19,497 c				19,497	
AC Conversio	88/12/0			9,151 a	8,020 a	20,146 a	36,415 a	73,732	
CMAQ	80/20/0	7,991 a							
NVTA	0/100/0			149,133 c				149,133	
RSTP	80/20/0	518 a							

Title: I 95 SB AUXILIARY LANE BETWEEN RTE 123 AND RTE 294

TIP ID:	6682	Description:	Projected completion:	2025
Agency ID:	115999	This project includes adding an auxiliary travel lane on Southbound Interstate 95, from the Route 123 entrance ramp, which will merge into an existing lane before the Prince William Parkway exit ramp. The length of the project is approximately 1.4 miles.		
Facility:	I 95			
From:	VA 294			
To:	VA 123			

All amounts shown in \$1,000s

Total Cost: **\$32,000**

SOURCE CODE	Federal/State/Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
AC	80/20/0			3,350 a				32,000	36,617
				28,650 c					
AC Conversio	80/20/0					3,350 a		4,617	
						1,267 c			
P3	0/100/0	3,350 a							

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Scheduled for adoption by the National Capital Region Transportation Planning Board on
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Title: Route 1 Widening (Fraley Blvd)

TIP ID:	6692	Description:	Projected completion:	2022
Agency ID:	T22338	Project will widen Rte 1 northbound so both northbound and southbound traffic will be on the northbound alignment. - PE linked under UPC 90339. FROM: 0.1 Mi S. of Brady's Hill Road TO: .2 Mi. N. of Dumfries Road (Route 234) (2.1490 MI)		
Facility:	US 1 Farley Blvd			
From:	Brady's Hill Road			
To:	Dumfries Road			

All amounts shown in \$1,000s Total Cost: **\$134,260**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
AC	100/0/0			87,924 c			87,924	134,260
PRIV	0/0/0			44,860 b			46,336	
				1,476 c				

Title: RTE 15 IMPROVEMENT WITH RAILROAD OVERPASS

TIP ID:	6693	Description:	Projected completion:	2026
Agency ID:	T17496	The project will provide a 4-lane section with median and asphalt shared use path, consistent with and connecting the sections north and south of the tracks. When completed, this project will provide a grade-separated railroad crossing for 4 tracks and access to adjacent properties.		
Facility:	US 15 James Madison Hwy			
From:	1000' north of the tracks (just south of Rout			
To:	1200' south of the tracks			

All amounts shown in \$1,000s Total Cost: **\$45,000**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
RSTP	80/20/0				5,195 a	2,065 b	7,260	7,260

Title: VA 286 - POPES HEAD ROAD INTERCHANGE

TIP ID:	6694	Description:	Projected completion:	2024
Agency ID:	111725	Provide congestion relief and improve safety by constructing an interchange at the intersection of Fairfax County Parkway, Popes Head Road and future Shirley Gate Road Extension. NEPA UNDER UPC 107937		
Facility:	VA 286 Fairfax Copunty Pkwy			
From:	Popes Head			
To:				

All amounts shown in \$1,000s Total Cost: **\$64,303**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
AC	100/0/0				9,513 b	52,714 c	62,227	67,348
AC Conversio	100/0/0					2,418 b	2,516 b	
NHPP	100/0/0				187 b		187	

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Scheduled for adoption by the National Capital Region Transportation Planning Board on
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Title: UNIVERSITY BLVD EXTENSION (PROGRESS COURT TO DEVLIN ROAD)

TIP ID:	6695	🚲	Description:	Projected completion:	2030
Agency ID:	T21550			This project consists of extending University Boulevard from Devlin Road to Progress Court, as a 2 lane roadway (half section) with two (2) 12' travel lanes and a 10' shared use path. The project will include signaling the new intersection of Devlin Road at University Boulevard.	
Facility:	VA 840 University Blvd				
From:	Devlin Rd				
To:	Progress Court				

All amounts shown in \$1,000s Total Cost: **\$28,500**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
RSTP	80/20/0			3,900 a			3,900	3,900

Title: Virginia Statewide Vehicle Fuel Conversion Program

TIP ID:	6696	Description:	Projected completion:	
Agency ID:	T20741			Provide for vehicle Fuel conversion program statewide
Facility:				
From:				
To:				

All amounts shown in \$1,000s Total Cost: **\$360**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
CMAQ	80/20/0			360 c			360	360

Title: PENTAGON CITY TRANSITWAY EXTENSION SEGMENT I

TIP ID:	6698	Description:	Projected completion:	2022
Agency ID:	T22768			The Extension runs along Crystal Drive, Clark Street, 12th St, Hayes St. and Army-Navy Dr. Provides exclusive and/or dedicated transit lanes, passenger stations, utility relocations, signing and pavement marking, and traffic signal upgrades.
Facility:				
From:				
To:				

All amounts shown in \$1,000s Total Cost: **\$3,157**

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
PRIV	0/0/0			325 a			3,157	3,157
				700 b				
				2,132 c				

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Scheduled for adoption by the National Capital Region Transportation Planning Board on
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Title: VRE MANASSAS LINE CAPACITY EXPANSION

TIP ID:	6699	Description:	Projected completion:
Agency ID:	113526	PROJECT ELEMENTS: ROLLING STOCK; BROAD RUN STATION PARKING AND YARD EXPANSION; SOUTH MANASSAS THIRD TRACK; MANASSAS STATION PLATFORM EXTENSION; MANASSAS PARK PARKING GARAGE AND BRIDGE; REALTIME MULTIMODAL TRAVELER INFO. (TRANSFORM66 CONCESSION PAYMENT FUNDED)	
Facility:	VRE MANASSAS LINE		
From:	VARIOUS		
To:			

All amounts shown in \$1,000s Total Cost: **\$105,013**

SOURCE CODE	Federal/State/Local	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
CMAQ	80/20/0					400 a	400	400

Title: VA286 POPES HEAD RD INTERCHANGE GARVEE DEBT SERVICE

TIP ID:	6701	Description:	Projected completion:
Agency ID:	111987	Debt Service Required for CN UPC 111725	2037
Facility:			
From:			
To:			

All amounts shown in \$1,000s Total Cost: **\$16,815**

SOURCE CODE	Federal/State/Local	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
AC	100/0/0				16,624 a		16,624	20,543
AC Conversio	100/0/0					1,874 a	1,854 a	
NHPP	100/0/0				191 a		191	

Title: Franconia to Occoquan 3rd Track Project

TIP ID:	6706	Description:	Projected completion:
Agency ID:	DRPT002	Add approximately eight miles of a third main line track to an existing two-track portion of the RF&P rail corridor from one mile north of the Franconia-Springfield VRE station to approximately 400 feet north of Furnace Road, just north of the Occoquan River. Project includes a three-mile passenger rail bypass (flyover) at the northern end of the project limits	
Facility:	CSX Richmond, Fredericksburg and Potomac		
From:	1 mi. N. Franconia-Springfield VRE Station (C		
To:	Approximately 400' N. of Furnace Rd, just N.		

All amounts shown in \$1,000s Total Cost: **\$555,000**

SOURCE CODE	Federal/State/Local	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT			TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023		
State/Local	0/100/0		26,197 a	27,877 a	26,849 a	691 a	55,417	55,417

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Scheduled for adoption by the National Capital Region Transportation Planning Board on
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Title: BRADDOCK ROAD S-CURVE

TIP ID:	6707	Description:	Projected completion:	2027
Agency ID:	T21255	Straighten and flatten the horizontal and vertical alignment of curve at Braddock Road and install right turn bay at Old Lee Road		
Facility:	VA 620 Braddock Road			
From:	Old Lee Road			
To:	Tre Towers Court			

All amounts shown in \$1,000s

Total Cost: \$3,695

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
HIP	100/0/0			550 a			550	550	

Title: TRAFFIC CALMING, CITY OF FALLS CHURCH

TIP ID:	6709	Description:	Projected completion:	2028
Agency ID:	112465	Install traffic calming features in various locations in Falls Church		
Facility:	VARIOUS LOCATIONS THROUGH OUT THE CIT			
From:				
To:				

All amounts shown in \$1,000s

Total Cost: \$636

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
HSIP	100/0/0					60 b	60	60	

Title: ITTF FY20 Micro Transit

TIP ID:	6712	Description:	Projected completion:	
Agency ID:		Micro Transit		
Facility:				
From:				
To:				

All amounts shown in \$1,000s

Total Cost:

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
AC	100/0/0			500 a			500	500	

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Scheduled for adoption by the National Capital Region Transportation Planning Board on
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Agency: Washington Metropolitan Area Transit Authority

Title: Rail Cars - Replacement, Rehabilitation, Expansion, & Enhancements

TIP ID: 5853 **Agency ID:**

Description: Provides funds for:
 a. Replacement of Rail Cars: replacement of the rail fleet, including the 1000-Series and 4000-Series rail cars.
 b. Rehabilitation of Rail Cars: mid-life rehabilitation of rail fleet.
 c. Rail Fleet Expansion: expansion of the rail fleet to meet ridership growth.
 d. Rail Enhancements: enhancements to the rail fleet that improve safety, reliability, and passenger comfort.
 e. Preventative Maintenance for railcars

All amounts shown in \$1,000s

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
Local	0/0/100	89,348 e	92,919 e	106,032 e	89,526 e	110,611 e	108,776 e	414,945	975,455
PRIIA	50/0/50	235,101 e	100,000 e	78,826 e	60,793 e	90,644 e	83,580 e	313,843	
Sect. 5337-S	80/0/20	95,000 e	59,000 e	59,000 e	59,000 e	59,000 e	59,000 e	236,000	
WIP	0/0/100	1,339 e		10,667 e				10,667	

Title: Buses - Replacement, Rehabilitation, Expansion, & Enhancements

TIP ID: 5854 **Agency ID:**

Description: Provides funds for:
 a. Replacement of Buses: replacement of the bus fleet.
 b. Rehabilitation of Buses: mid-life rehabilitation of the bus fleet.
 c. Bus Enhancements: purchase and/or replacement of equipment that upgrades or enhances the capability of the bus fleet.
 d. Bus Fleet Expansion: expansion of the bus fleet to meet ridership growth.

All amounts shown in \$1,000s

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
CMAQ	80/0/20	7,399 e	4,258 e	5,406 e	5,536 e	3,500 e	3,700 e	18,142	708,458
Local	0/0/100	13,433 e	26,089 e	24,797 e	25,844 e	31,624 e	19,923 e	102,188	
Sect. 5307	80/0/20	126,187 e	111,694 e	128,765 e	132,125 e	140,161 e	135,961 e	537,013	
Sect. 5339 (a)	80/0/20	10,530 e	19,468 e	12,779 e	12,779 e	12,779 e	12,779 e	51,116	

Title: MetroAccess and Service Vehicles

TIP ID: 5855 **Agency ID:**

Description: Provides funds for:
 a. MetroAccess Vehicles: purchase/ replacement of Metro Access vehicles.
 b. Replacement of Service Vehicles: purchase/ replacement of vehicles that will be used Authority-wide for service activities.

All amounts shown in \$1,000s

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
Local	0/0/100	6,600 e	12,000 e	6,500 e	6,500 e	6,500 e	6,500 e	26,000	26,000

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Scheduled for adoption by the National Capital Region Transportation Planning Board on
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Title: Rail Line Segment Rehabilitation

TIP ID: 5856 Agency ID:

Description: a. Provides funds for rehabilitation of segments of Metrorail system, particularly the Red, Orange and Blue lines.
 b. Preventative Maintenance for rail system infrastructure rehabilitation.

All amounts shown in \$1,000s

SOURCE CODE	Federal/State/Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
BUILD	100/0/0	20,000 e							1,122,817
Local	0/0/100	77,130 e	166,006 e	261,242 e	274,988 e	228,165 e	99,851 e	864,246	
PRIIA	50/0/50	58,899 e	168,000 e	172,824 e	36,047 e	6,196 e	11,203 e	226,270	
Sect. 5337-S	80/0/20	10,250 e	50,000 e				26,113 e	26,113	
WIP	0/0/100	8,000 e	5,000 e	1,829 e	1,360 e	3,000 e		6,189	

Title: Bus Garages - Systemwide Maintenance, Expansion, Rehabilitation, and Replacement

TIP ID: 5857 Agency ID:

Description: Provides funds for:
 a. Rehabilitation and Replacement of Bus Garages: upgrades, rehabilitation, and/or replacement of bus garages and maintenance facilities, including Bladensburg and Northern Bus Facilities. Maintenance of Bus Garages: maintenance of bus garages/maintenance facilities.
 c. Expansion of Bus Garages: expansion of bus garages to meet storage and maintenance needs of growing fleet.

All amounts shown in \$1,000s

SOURCE CODE	Federal/State/Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
Local	0/0/100	15,000 e	10,300 e		25,170 e	79,500 e	132,120 e	236,790	273,810
Sect. 5307	80/0/20	15,000 e	4,800 e	21,770 e	4,500 e	7,500 e	3,250 e	37,020	

Title: Systems and Technology

TIP ID: 5858 Agency ID:

Description: Provides funds for
 a. Rail Power Systems: upgrade of rail system's power supply.
 b. Operations Support Software: purchase and/or replacement of software that supports the transit system.
 c. Business Support Software & Equipment: purchase and/or replacement of software and equipment that supports the agency's mission.
 d. Rail Fare Equipment: purchase and/or replacement of fare equipment for the transit system.

All amounts shown in \$1,000s

SOURCE CODE	Federal/State/Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
Local	0/0/100	84,305 e	115,655 e	170,018 e	222,675 e	201,278 e	142,437 e	736,408	832,499
Sect. 5307/53	50/0/50		48,000 e	21,730 e	11,432 e	12,252 e	32,415 e	77,829	
Sect. 5307/53	80/0/20		48,000 e	21,730 e	11,432 e	12,252 e	32,415 e	77,829	
Sect. 5337-S	80/0/20				4,462 e			4,462	
Sect. 5339 (a)	80/0/20			2,725 e	11,075 e			13,800	

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Title: Track and Structures

TIP ID: 5859 Agency ID:

Description: Provides funds for:
 a. Track Rehabilitation: maintain and rehabilitate track and track infrastructure including aerial structures.
 b. Station/Tunnel Rehabilitation: repair of water leaks in stations, vent shafts, air ducts, tunnels, tunnel liners, and other areas in the system.
 c. Preventative Maintenance for track and structures

All amounts shown in \$1,000s

SOURCE CODE	Federal/State/Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
Local	0/0/100	69,846 e	95,088 e	70,759 e	91,700 e	76,642 e	113,366 e	352,467	728,997
Sect. 5337-S	80/0/20	76,639 e	94,953 e	94,500 e	96,900 e	97,665 e	87,465 e	376,530	

Title: Passenger Facilities

TIP ID: 5860 Agency ID:

Description: Provides funds for:
 a. Elevator/ Escalator Facilities: rehabilitation of elevator and escalators and expansion of elevator capacity.
 b. Maintenance of Rail Station Facilities: upgrade, rehabilitation, and/or replacement of station area components.
 c. Bicycle/ Pedestrian Facilities: rehabilitation, replacement and expansion of bicycle and pedestrian facilities.
 d. Rail Station Capacity/ Enhancements: expand the capacity of rail stations, improve passenger access, and protect exposed assets.
 e. Bus Priority Corridor Improvements: bus stops, runningway enhancements, street operations management and safety strategies to produce more reliable bus.
 f. Rail Station Equipment: purchase of equipment to be used in rail stations, including police emergency management equipment and other related.
 g. Preventative Maintenance for passenger facilities

All amounts shown in \$1,000s

SOURCE CODE	Federal/State/Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
Local	0/0/100	116,179 e	88,949 e	28,653 e	23,010 e	43,422 e	30,968 e	126,053	844,190
PRIIA	50/0/50		29,000 e	45,350 e	51,660 e	51,660 e	53,717 e	202,387	
Sect. 5307	80/0/20	47,564 e	52,000 e	28,575 e	38,100 e	30,147 e	26,434 e	123,256	
Sect. 5337-S	80/0/20		1,000 e	32,247 e	31,888 e	39,118 e	23,205 e	126,458	
WIP	0/0/100	21,147 e	70,631 e	77,939 e	109,647 e	36,870 e	41,580 e	266,036	

Title: Maintenance Equipment

TIP ID: 5861 Agency ID:

Description: Provides funds for:
 a. Rail Maintenance Equipment: purchase and/or replacement of equipment to maintain the rail system.
 b. Bus Repair Equipment: purchase and/or replacement of repair equipment.
 c. Business Facilities Equipment: purchase and/or replacement of equipment that supports the business process of the agency.

All amounts shown in \$1,000s

SOURCE CODE	Federal/State/Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
Local	0/0/100	1,500 e	800 e						

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Title: Other Support Facilities

TIP ID: Agency ID:

Description: Provides funds for:
 a. Business Support Facilities: facilities that support business operations functions.
 b. Metro Transit Police Department (MTPD) Support Facilities Rehabilitation: upgrade and rehabilitation of MTPD facilities.
 c. MTPD Support Facilities Expansion: expansion of MTPD to meet new ridership and facility demands, to include the new District 2, police training facility, and special operations division facility.

All amounts shown in \$1,000s

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
Local	0/0/100	5,800 e	68,500 e	263,716 e	328,935 e	13,062 e	8,274 e	613,987	613,987

Title: Credit Facility

TIP ID: Agency ID:

Description: Provides funds to maintain a line of credit to meet cash flow needs.

All amounts shown in \$1,000s

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
Local	0/0/100	36,284 e	2,850 e	7,500 e	6,350 e	6,100 e	6,100 e	26,050	26,050

Title: Rail Yards - Systemwide Maintenance, Expansion, Rehabilitation and Replacement

TIP ID: Agency ID:

Description: Provides funds for
 a. Maintenance of Rail Yards: maintenance and/or rehabilitation of rail maintenance yards.
 b. Rail Maintenance Facilities: construction and/or replacement of rail maintenance facilities.

All amounts shown in \$1,000s

SOURCE CODE	Federal/ State/ Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
Local	0/0/100	9,300 e	2,000 e	2,700 e	5,950 e	27,000 e	28,500 e	64,150	64,150
PRIIA	50/0/50	3,000 e							

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Scheduled for adoption by the National Capital Region Transportation Planning Board on
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Title: Facilities Maintenance Support – Systemwide Support Equipment, Environmental Compl Projects and Adm Support

TIP ID: 5867 Agency ID:

Description: Provides funds for:
 a. Environmental Compliance Projects: facility or equipment upgrades and/or replacements required to comply with environmental regulatory requirements or directives.
 b. Maintenance Bus & Rail Facilities: upgrades, rehabilitation, and/or replacements of systemwide support equipment, financial planning and project administration, to include a new test track, railcar commissioning facility and New Carrollton Yard capacity improvements.

All amounts shown in \$1,000s

SOURCE CODE	Federal/State/Local.	Total Funds Prior to FY 2020	Prev. Annual Element FY 2020	ANNUAL ELEMENT				TOTAL BY SOURCE FY 21-24	4-YEAR PROGRAM TOTAL
				FY 2021	FY 2022	FY 2023	FY 2023		
Local	0/0/100	17,309 e	39,977 e	62,826 e	76,906 e	137,277 e	192,742 e	469,751	514,362
Sect. 5307	80/0/20					11,480 e		11,480	
Sect. 5307/53	80/0/20			700 e	15,382 e		3,480 e	19,562	
Sect. 5337-S	80/0/20			10,036 e	3,533 e			13,569	
Sect. 5339 (a)	80/0/20	4,500 e							